

Elektrosvit

Catalogue 2020-2021

Lighting technology



CERTIFICATE

Certification Body Management System No. 3053
TÜV SÜD Czech s.r.o.

certifies that

Elektrosvit

ELEKTROSVIT Svatobořice, a.s.
Nádražní 1290/44
CZ - 696 04 Svatobořice-Mistřín
Ident. No.: 49437313

has established and applies
a Quality Management System for

- luminaire production for explosive atmospheres and harsh areas
- production of industrial and special luminaires
- luminaire production for public lighting and accessories

An audit was performed, Report No. 12.765.381
Proof has been furnished that the requirements according to

ČSN EN ISO 9001:2016

are fulfilled.
The certificate is valid from 04.01.2020 until 28.11.2022
Certificate Registration No. 12.765.140

ZERTIFIKAT ◆ CERTIFICATE ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

IAF S 3053

TÜV SÜD Czech s.r.o. ◆ Novodvorská 994 ◆ 142 21 Praha 4 ◆ Česká Republika ◆ certification.tuv.cz

TÜV



CERTIFIKÁT

Certifikační orgán systémů managementu č. 3053
TÜV SÜD Czech s.r.o.

potvrzuje, že společnost

Elektrosvit

ELEKTROSVIT Svatobořice, a.s.
Nádražní 1290/44
CZ - 696 04 Svatobořice-Mistřín
IČ: 49437313

zavedla a používá
systém managementu kvality v rámci

- výroba svítidel do prostředí s nebezpečím výbuchu a do náročného prostředí
- výroba průmyslových a speciálních svítidel
- výroba svítidel pro veřejné osvětlení a příslušenství

na základě vykonaného auditu, zpráva č. 12.765.381
byly prokázány splnění
požadavků normy

ČSN EN ISO 9001:2016

Tento certifikát je platný od 04.01.2020 do 28.11.2022
Registrační číslo certifikátu: 12.765.140

ZERTIFIKAT ◆ CERTIFICATE ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

IAF S 3053

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ZERTIFIKAT

Die Zertifizierungsstelle Managementsysteme Nr. 3053
TÜV SÜD Czech s.r.o.

bescheinigt, dass das Unternehmen

Elektrosvit

ELEKTROSVIT Svatobořice, a.s.
Nádražní 1290/44
CZ - 696 04 Svatobořice-Mistřín
Id. Nr.: 49437313

für den Geltungsbereich

- Herstellung von Lampen für explosionsgefährdete und explosionsfreie Bereiche
- Herstellung von Lampen für spezielle und industrielle Bereiche
- Herstellung von Lampen für Straßenbeleuchtung und Zubehör

ein Qualitätsmanagementsystem eingeführt hat und anwendet.

Durch ein Audit, Bericht Nr. 12.765.381
wurde der Nachweis erbracht, dass die Forderungen der

ČSN EN ISO 9001:2016

erfüllt sind. Dieses Zertifikat ist gültig vom 04.01.2020 bis 28.11.2022
Zertifikat-Registrier-Nr. 12.765.140

ZERTIFIKAT ◆ CERTIFICATE ◆

IAF S 3053

TÜV SÜD Czech s.r.o. ◆ Novodvorská 994 ◆ 142 21 Praha 4 ◆ Česká Republika ◆ certification.tuv.cz

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СЕРТИФИКАТ

Орган сертификации систем менеджмента рег. номер 3053
TÜV SÜD Czech s.r.o.

подтверждает, что организация

Elektrosvit

ELEKTROSVIT Svatobořice, a.s.
Nádražní 1290/44
CZ - 696 04 Svatobořice-Mistřín
ИНН: 49437313

внедрила и использует
систему менеджмента качества в области

- производство светильников для районов с взрывоопасными зонами и зонами
- производство промышленных и специальных светильников
- производство светильников для наружного освещения и дополнительной экспертизы

На основании проведенного аудита
регистрационный отчет 12.765.381
было подтверждено выполнение требований стандарта

ČSN EN ISO 9001:2016

Настоящий сертификат действителен с 04.01.2020 до 28.11.2022
Регистрационный номер сертификата 12.765.140

IAF S 3053

TÜV



EKOKOM

ELEKTROSVIT Svatobořice, a.s.



ekolamp

OSVĚDČENÍ

ELEKTROSVIT Svatobořice, a.s.

00273/05-ECZ

49437313

Nádražní 1290/44, Svatobořice-Mistřín, 69604

31.3.2020

1.4.2019



Fyzikálně technický zkušební ústav
Ostrava-Radvanice

OZNÁMENÍ O ZABEZPEČOVÁNÍ JAKOSTI

FTZÚ 02 ATEX Q 019



Fyzikálně technický zkušební ústav
Ostrava-Radvanice

OZNÁMENÍ O ZABEZPEČOVÁNÍ JAKOSTI

FTZÚ 02 ATEX Q 019



Physical Technical Testing Institute
Ostrava-Radvanice

QUALITY ASSURANCE NOTIFICATION

FTZÚ 02 ATEX Q 019



РАЗРЕШЕНИЕ



СЕРТИФИКАТ СООТВЕТСТВИЯ



СЕРТИФИКАТ СООТВЕТСТВИЯ

Introduction

Dear business partners, dear friends,

We are presenting our latest issue of ELEKTROSVIT Svatobořice, a.s. traditional Czech manufacturer of electrical lighting units with over a hundred-year tradition, production program catalogue.

Company history

The original production plant was built by Mr. Jindřich Wiktorin in 1906 near the railway line in the village Svatobořice, about 50 km from the city of Brno in the centre of South Moravia. Since 1950, the plant was part of Elektrosvit Group. In 1993, the subsidiary was transformed into state-owned joint stock company ELEKTROSVIT Svatobořice, a.s. Since 2002 the shares of the company have been held privately.

Main production program

In consists of electric lamps for different types of light sources: LED modules, bulbs, high pressure sodium, mercury and halide lamps, linear and cost-saving fluorescent lamps. Depending on the purpose, we produce light fitting for outdoor lighting of roads, parks and orchards, as well as industrial, interior, special and headlamps. **The specialty of our production program is explosion-proof light fittings designed for fire and explosion risk (Ex) thermal and hydropower plants, paint shops, paper mills, mills etc.** The assortment of light fittings, including accessories, is at a high technical level given by a long tradition and constant modernizing.

Supplementary range

In addition to the production program of our company, we also offer light sources, electric lighting poles, booms and other necessary accessories, including adjusting the products according to the customers request, colour design or custom-made light fitting production to ensure a complete supply of lighting equipment.

Custom production

Made on our CNC machinery (lathe, hydraulic press bake HACO, milling machine, boring center), drilling, welding, milling and pressing, powder coating.

Certificates

ELEKTROSVIT Svatobořice, a.s., strives to meet its customers' demands by constantly innovating assortment with the aim of improving technical parameters, increasing reliability, service life, covering and reducing power consumption with simultaneous design improvements and environmental aspects of production.

We are involved in the EKO-KOM system, which assures the combined fulfilment of the obligation to take back and recover waste from packaging (client number EK-F06020595). All the light fittings standardly manufactured by ELEKTROSVIT Svatobořice, a.s. are subject to a declaration of conformity according to the valid legislation. At the same time, the light fittings are manufactured in accordance with ČSN EN European standards. The AO 210 – FTZÚ Radvanice provides certification in accordance with the requirements of ATEX 2014/34/EU international standard. For Eastern markets, EAC certificates are issued for export of products to the customs union (Russia, Belarus, Kazakhstan). Since 2001, our company has been a holder of the Quality Management Certificate according to ČSN EN ISO 9001:2016 standard certified by TÜV CZ. The „ELEKTROSVIT“ trademark is protected by the trademark of the Industrial Property Office under No. 251515.

Sales

The sales department emphasizes meeting of all the customers requirements. Current business activities are oriented primarily on the Czech market through contractual wholesale partners, assembly companies engaged in turnkey projects, design offices. Export activities are directed mainly to the Slovak market and to the countries of Central, Eastern and South-Eastern Europe, the EU and the Middle East.

Presentation, exhibitions, trainings

The company is presented at domestic and foreign trade fairs and on regular professional seminars focused on lighting technology. Designers and all business partners are provided free designs for indoor and outdoor lighting. We regularly organize trainings, provide consultancy in the field of lighting technology.

Any additional information about our company, offered assortment, delivery times, terms of business, rebates, etc. can be found on the company website

www.elektrosvit.cz

We invite all interested parties to make contact, whether personal or written. We look forward to further successful cooperation with all our business partners!



Explosion-proof light fittings



MINIMINEX LED
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MINEX I
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ORION LED
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ORION
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SIRIUS
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HERKULES
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ERIS
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BILUX LED
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TRILUX LED
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MULTISAFE LED
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SIMPLEX
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BILUX
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TRILUX
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SAFELUX/MULTISAFE
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LINEX
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ZONEX
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COMING SOON

ZONEX LED
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COMING SOON



SIRIUS LED
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COMING SOON



HERKULES LED
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COMING SOON



LINEX LED
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Industrial light fittings



PEGAS LED
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JUNIOR LED
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FARMER I LED
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FARMER II LED
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TUB LED
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TURTLE LED
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ES STP LED
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PRACHO LED
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FARMER I
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FARMER II
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FARMER III
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JUNIOR
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PEGAS
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TUB
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TURTLE
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PRACHO
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RESIST
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MERIDIAN/
MERIDIAN AlSi
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SACHO
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SACHO LED
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Floodlights



RPG I, II
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TITAN
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Ballast box BOX T
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SPOT I
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SPOT II
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Ballast box BOX 7
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Outdoor light fittings



SADOVKA
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KUZEL
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KOULE A
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KOULE B
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AURIS
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LUCERNA
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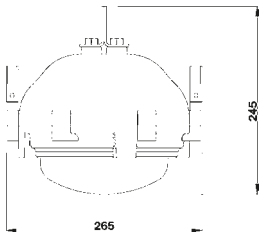


Explosion-proof light fittings

MINIMINEX LED

I M2 Ex db op is I Mb Ex IP 65





CE	230V 50Hz	⏚	IP65	ATEX 2014/34/EU
LED	EVG	EVG DIMM	3F	Ta -20°C ÷ +40°C
Carton (mm/pcs): 300 x 260 x 290 / 1				

Use: Explosion-proof light fitting for the illumination of mine spaces with a danger of methane and coal dust explosion.

Technical description: The body and flange of the light fitting are grey iron castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The contact surface between the flange and the body of the light fitting makes up the cylindrical joint of the explosion-proof cap „d". The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 3 mm^2.

Installation: With a steel suspension with an eye ø18 mm.

Versions: The light fittings are made in a version with an electronic adjustable ballast EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:
Spanner 4-99.6212 (for tightening cable outlets).

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 40 01	25 / 2600	104	120	4500	>80	14

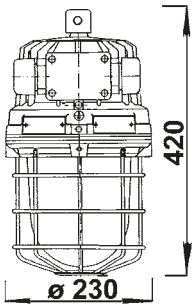


MINEX I

Zone 1/21 **I M2 Ex d I Mb**
II 2G Ex d IIB T4-T6 Gb
Zone 2/22 **II 2D Ex tb IIIC Tmax. of surface Db**

Ex IP 65





CE	230V 50Hz	⏚	IP65	ATEX 2014/34/EU
VVG	220V DC	E27	G24d-3	Ta -20°C ÷ +40°C
Carton (mm/pcs): 430 x 240 x 240 / 1				

Use: Explosion-proof light fitting for the illumination of mine spaces with a danger of methane and coal dust explosion as well as industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are grey iron castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The contact surface between the flange and the body of the light fitting makes up the threaded joint of the explosion-proof cap „d". The light fitting is designed as a through light fitting, the terminal board allows two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a steel suspension with an eye ø18 mm.

To order:


Shade
254.5021/01


Protective basket
2-99.7461


Spanner
3-99.6158/1


Holder for mounting on the ceiling
4-99.8103


Holder for mounting on the wall
338.2735

Type	Recommended light source [W]	Temperature class	T max. of surface [°]	Voltage [V/Hz]	Weight [kg]
511 37 01	Halogen bulb Philips Eco Classic 140	T4	105	230/50	18
	Halogen bulb Philips EcoClassic 105	T5	91	230/50	
	Halogen bulb Philips EcoClassic 70	T6	79	230/50	
	Compact fluorescent tube Philips Master PL Electronic 23	T6	62	230/50	
	Bulb CLAS 200	T4	105	230/50	
	Bulb CLAS 150	T5	92	230/50	
	Bulb CLAS 60-100	T6	80	230/50	
	Compact fluorescent tube DULUX EL 23	T6	60	230/50	
	Blended lamp HWL 160	T5	90	230/50	
	Bulb CLAS 100	T5	85	220 V DC	
541 33 02	High-pressure mercury discharge lamp HQL 125	T4	121	230/50	19
	High-pressure sodium discharge lamp NAV-E 110/I	T4	100	230/50	

ORION LED Ex IP 66

Zone 1/21 II 2G Ex db eb op is IIC T5-T6 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db



CE	230V 50Hz	⏚	IP66	ATEX 2014/34/EU
LED	EVG	EVG DIMM	Ta	-40°C ÷ +50°C (T5) -40°C ÷ +40°C (T6)
220-230V AC 170-276V DC	Carton (mm/pcs): 410 x 240 x 240 / 1			

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a steel suspension with an eye ø18 mm. Versions: Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV. Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.

To order:


Shade
254.5021/01


Protective basket
2-99.7461


Spanner
3-99.6158/1


Holder for mounting on the ceiling
4-99.7995


Holder for mounting on the wall
338.2735


Screw plug V-Ex
M25x1,5
M20x1,5


Blinding plug
HSK-V-Ex
M25x1,5
M20x1,5

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Temperature class	T max of surface [°C]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 39 04 (K)	45 / 6000	133	T5	83	120	4000	>80	10
	25 / 3000	120	T6	73	120	4000	>80	10

** By adding letter „K" behind type designation, light fittings will be provided with protective steel baskets (591 39 04K).*

ORION Ex IP 65

Zone 1/21 II 2G Ex db eb IIC T4-T6 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db

For version „F"
Zone 1/21 II 2G Ex db eb IIB T4-T6 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db



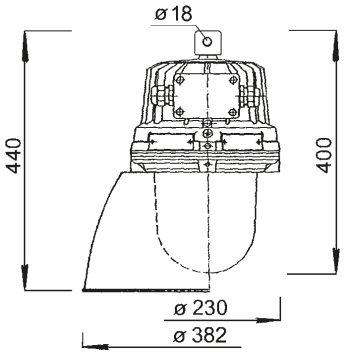
CE	230V 50Hz	⏚	IP65	ATEX 2014/34/EU
VVG	220V DC	E27 G24d-3	Ta	-20°C ÷ +40°C -20°C ÷ +50°C version „t" -50°C ÷ +40°C version „F"
Carton (mm/pcs):	410 x 240 x 240 / 1 430 x 240 x 240 / 1 K			

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. The steel base plate with electrical equipment and reflector is built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a steel suspension with an eye ø18 mm.

Versions:
Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.



To order:



Shade
254.5021/01



Protective basket
2-99.7461



Spanner
3-99.6158/1



Holder for mounting on the ceiling 4-99.7995



Holder for mounting on the wall
338.2735



Screw plug V-Ex
M25x1,5, M20x1,5



Blinding plug HSK-V-Ex
M25x1,5, M20x1,5



Screw plug V-Ms-VMQ-Ex
M25x1,5, M20x1,5

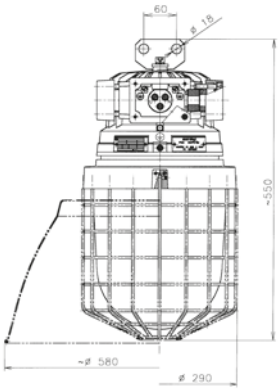
Type	Recommended light source [W]	Temperature class	T max of surface [°C]	Voltage [V/Hz]	Weight [kg]
511 37 02	Halogen bulb Philips EcoClassic 140	T4	101	230/50	8,5
	Halogen bulb Philips EcoClassic 105	T5	90	230/50	8,5
	Halogen bulb Philips EcoClassic 70	T6	77	230/50	8,5
	Compact fluorescent tube OSRAM DULUX EL Longlife 23	T6	59	230/50	8,5
	Compact fluorescent tube Philips Master PL Electronic 23	T6	63	230/50	8,5
	Compact fluorescent tube Philips Master PL Electronic Globe 23	T6	58	230/50	8,5
	Bulb CLAS 200	T4	104	230/50	8,5
	Bulb CLAS 150	T5	92	230/50	8,5
	Bulb CLAS 60-100	T6	80	230/50	8,5
	Blended lamp HWL 160	T5	90	230/50	8,5
541 33 03	High-pressure mercury discharge lamp HQL 80	T4	95	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 50/I	T4	81	230/50	8,5
541 33 04	High-pressure mercury discharge lamp HQL 125	T4	121	230/50	9
	High-pressure sodium discharge lamp NAV-E 110/I	T4	99	230/50	9
541 33 06	High-pressure sodium discharge lamp NAV 70	T5	86	230/50	8,5
	High-pressure halide lamp HQI 70	T6	80	230/50	8,5
581 04 02	Compact fluorescent tube DULUX D 26	T6	60	230/50	8,5
511 37 02 t	Halogen bulb Philips EcoClassic 140	T4	111	230/50	8,5
	Halogen bulb Philips EcoClassic 105	T4	100	230/50	8,5
	Halogen bulb Philips EcoClassic 70	T6	87	230/50	8,5
	Bulb CLAS 200	T4	114	230/50	8,5
	Bulb CLAS 150	T4	102	230/50	8,5
	Bulb CLAS 60-100	T5	90	230/50	8,5
	Blended lamp HWL 160	T4	100	230/50	8,5
	Compact fluorescent tube OSRAM DULUX EL LONGLIFE 23	T6	69	230/50	8,5
	Compact fluorescent tube PHILIPS PL ELECTRONIC GLOBE 23	T6	68	230/50	8,5
	Compact fluorescent tube PHILIPS MASTER PL ELECTRONIC 23	T6	73	230/50	8,5
541 33 03 t	High-pressure mercury discharge lamp HQL 80	T4	105	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 50/I	T4	91	230/50	8,5
541 33 04 t	High-pressure mercury discharge lamp HQL 125	T3	131	230/50	9
	High-pressure sodium discharge lamp NAV-E 110/I	T4	109	230/50	9
581 04 02 t	Compact fluorescent tube DULUX D 26	T6	70	230/50	9
511 37 02 F	Halogen bulb Philips EcoClassic 140	T4	101	230/50	8,5
	Halogen bulb Philips EcoClassic 105	T5	90	230/50	8,5
	Halogen bulb Philips EcoClassic 70	T6	77	230/50	8,5
	Bulb CLAS 200	T4	104	230/50	8,5
	Bulb CLAS 150	T5	92	230/50	8,5
	Bulb CLAS 60-100	T6	80	230/50	8,5
	Blended lamp HWL 160	T5	90	230/50	8,5
541 33 04 F	High-pressure mercury discharge lamp HQL 125	T4	121	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 110/I	T4	99	230/50	8,5
511 37 02 S	Bulb 100	T5	81	220 DC	8,5

** By adding letter „K" behind type designation, light fittings will be provided with protective steel baskets (511 37 02K, 511 37 02 KF).*

SIRIUS

Zone 1/21 II 2G Ex de IIC T3-T6 Gb IP 65
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db





CE | 230V 50Hz | IP65 | E40

ATEX 2014/34/EU

Ta -20°C ÷ +40°C
-20°C ÷ +50°C version „t"
-50°C ÷ +40°C version „F"

Carton (mm/pcs): 560 x 350 x 300 / 1

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

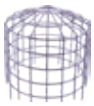
Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with eye is fixed to the top part of the body. There are two cable outlets on the sides of the light fitting. The steel base plate with electrical equipment and reflector is built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With steel suspensions with eyes ø18 mm.

Versions:
Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.

To order:


Shade
154.5041/02


Protective basket
1-99.5856


Spanner
3-99.6159


Screw plug V-Ex
M25x1,5
M20x1,5


Blinding plug
HSK-V-Ex
M25x1,5
M20x1,5


Screw plug
V-Ms-VMQ-Ex
M25x1,5
M20x1,5

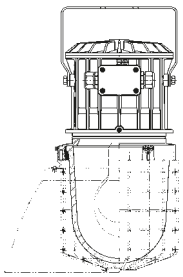
Type	Recommended light source [W]	Temperature class	T max. of surface [°C]	Voltage[V/Hz]	Weight/with protective basket [kg]
511 38 02	Bulb SPC.A T CL 500	T4	115	230 / 50	12/14
	Bulb SPC.A T CL 300	T4	95	230 / 50	12/14
	Blended lamp HWL 500	T3	150	230 / 50	12/14
	Bulb CLAS 200	T6	78	230 / 50	12/14
	High-pressure sodium discharge lamp 210	T4	100	230 / 50	12/14
	High-pressure sodium discharge lamp 350	T4	120	230 / 50	12/14
511 38 02 t	Bulb SPC.A T CL 500	T4	125	230 / 50	12/14
	Bulb SPC.A T CL 300	T4	105	230 /50	12/14
	Bulb CLAS 200	T5	88	230 / 50	12/14
	High-pressure sodium discharge lamp 210	T4	110	230 / 50	12/14
511 38 02 F	Bulb SPC.A T CL 500	T4	115	230 / 50	12/14
	Bulb SPC.A T CL 300	T4	95	230 / 50	12/14
	Bulb CLAS 200	T6	78	230 / 50	12/14
	High-pressure sodium discharge lamp 250	T4	105	230 / 50	12/14

** By adding letter „K" behind type designation, light fittings will be provided with protective steel baskets (511 38 02 K, 511 38 02 Kt).*

HERKULES

Zone 1/21 II 2G Ex db eb IIC T3-T6 Gb IP 65
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db



CE	230V 50Hz	⏚	IP65	VVG
ATEX 2014/34/EU	E40	Ta	-20°C ÷ +40°C -20°C ÷ +55°C version „t" -50°C ÷ +55°C version „Ft"	
Carton (mm/pcs): 800 x 400 x 400 / 1				

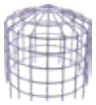
Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A locking steel holder with eyes ø12.5 mm is fixed to the body. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a steel suspension with eyes ø12.5 mm, using a wall holder 3-99.6183.

To order:


Shade
154.5041/02


Protective basket
1-99.5856


Spanner
3-99.6159


Screw plug V-Ex
M25x1,5
M20x1,5


Blinding plug
HSK-V-Ex
M25x1,5
M20x1,5


Screw plug
V-Ms-VMQ-Ex
M25x1,5
M20x1,5

Type	Recommended light source [W]	Temperature class	T max. of surface [°C]	Voltage [V/Hz]	Weight /with protective basket [kg]
541 38 03	High-pressure mercury discharge lamp HQL 250	T5	87	230 / 50	26 / 27,5
	High-pressure sodium discharge lamp NAV-E/I 210	T5	87	230 / 50	26 / 27,5
541 38 04	High-pressure mercury discharge lamp HQL 400	T3	135	230 / 50	27 / 28,5
	High-pressure sodium discharge lamp NAV-E/I 350	T3	135	230 / 50	27 /28,5
541 38 05	High-pressure sodium discharge lamp NAV-E 250	T4	105	230 / 50	26 / 27,5
	High-pressure halide discharge lamp HQI-E 250	T4	105	230 / 50	26 / 27,5
541 38 06	High-pressure sodium discharge lamp NAV-E 400	T3	135	230 / 50	27 / 28,5
541 38 07	High-pressure halide discharge lamp HQI-E 400	T3	135	230 / 50	27 / 28,5
541 38 08	High-pressure halide discharge lamp HCI-TT 150	T6	79	230 / 50	25 / 26,5
	High-pressure sodium discharge lamp NAV-E 150	T6	79	230 / 50	25 / 26,5
541 38 03 t	High-pressure mercury discharge lamp HQL 250	T4	102	230 / 50	26 / 27,5
	High-pressure sodium discharge lamp NAV-E/I 210	T4	102	230 / 50	26 / 27,5
541 38 04 t	High-pressure mercury discharge lamp HQL 400	T3	150	230 / 50	27 / 28,5
	High-pressure sodium discharge lamp NAV-E/I 350	T3	150	230 / 50	27 / 28,5
541 38 05 t	High-pressure halide discharge lamp HQI-E 250	T4	120	230 / 50	26 / 27,5
	High-pressure sodium discharge lamp NAV-E 250	T4	120	230 / 50	26 / 27,5
541 38 06 t	High-pressure sodium discharge lamp NAV-E 400	T3	150	230 / 50	27 / 28,5
541 38 07 t	High-pressure halide discharge lamp HQI-E 400	T3	150	230 / 50	27 / 28,5
541 38 08 t	High-pressure halide discharge lamp HCI-TT 150	T5	94	230 / 50	25 / 26,5
	High-pressure sodium discharge lamp NAV-E 150	T5	94	230 / 50	25 / 26,5
541 38 05 Ft	High-pressure halide discharge lamp HQI-E 250	T4	120	230 / 50	26 / 27,5
	High-pressure sodium discharge lamp NAV-E 250	T4	120	230 / 50	26 / 27,5
541 38 06 Ft	High-pressure sodium discharge lamp NAV-E 400	T3	150	230 / 50	27 / 28,5
541 38 07 Ft	High-pressure halide discharge lamp HQI-E 400	T3	150	230 / 50	27 / 28,5

** By adding the letter „K" after a type designation, the light fittings will be provided with protective baskets (541 38 03K). Weight of basket is 1,5kg.*

ERIS LED

II 3G Ex nR IIC T6 Gc
Zone 2/22 II 3D Ex tc IIIC T75°C Dc

IP 66



CE	LED		IP66	ATEX 2014/34/EU
EVG	EVG DIMM	198–264V AC 170–267V DC	Ta -40°C ÷ +50°C	
Carton (mm/pcs): 410 x 240 x 240 / 1				

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with the danger of gas, vapour and dust explosion.

Technical description: The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for a three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm2.

Installation: With a suspension eye ø19 mm, ceiling holder 4-99.8103, flexible suspension 2-99.5550.

Versions: Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:


Shade
254.5021/01


Ceiling holder
4-99.7995


Flexible suspension
2-99.5550


Screw plug
V-Ms-VMQ-Ex
M20x1,5

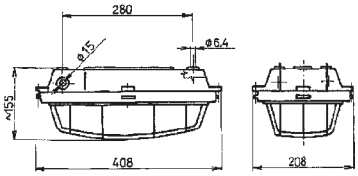
Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 15 01 n	30 / 3880	129	120	4000	>80	6

BILUX LED

II 3G Ex nR IIC T6 Gc
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc

IP 66





CE	LED		IP66	ATEX 2014/34/EU
EVG	EVG DIMM	Ta	-40°C ÷ +40°C version „n“ -40°C ÷ +50°C version „nt“	
version „n“	90–264V AC 127–370V DC	version „nt“	198–268V AC 170–376V DC	
Carton (mm/pcs): 410 x 460 x 170 / 2				

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with the danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of hardened glass. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and tis comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation: On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions: Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:


Protective basket
1-99.5992/1


Protective glass
132.5069


Screw plug
V-Ms-VMQ-Ex
M20x1,5

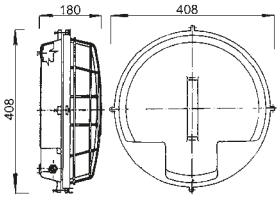
Type	Power input [W] / Luminous flux [lm]	Temperature class	T max of surface [°]	Luminous efficiency [lm/W]	Ange of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 32 01 n	35 / 3550	T6	64	101	120	4000	>80	5
591 32 01 nt	25 / 2600	T6	68	104	120	4000	>80	5

TRILUX LED

II 3G Ex nR IIC T6 Gc
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc

IP 66





CE	LED		IP66	ATEX 2014/34/EU
EVG	EVG DIMM	220–240V AC		Ta -40°C ÷ +50°C
Carton (mm/pcs): 400 x 400 x 190 / 1				

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description: The light fitting body and flange are AlSi alloy castings finished with RAL 1005 powder paint. There are two cable outlets on the body sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation: On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions: The light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:


Protective glass
232.5070


Protective basket
1-99.5984/1


Screw plug
V-Ex M20x1,5


Blinding plug
HSK-V-Ex M20x1,5

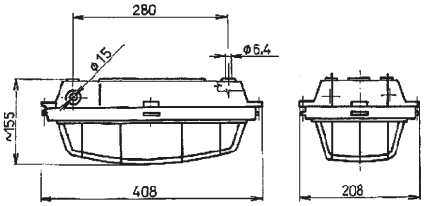
Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Ange of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 33 02 n	50 / 6000	120	120	4000	>80	8

MULTISAFE LED

II 3G Ex nR IIC T6 Gc
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc

IP 66





CE	EMERGENCY		IP66	ATEX 2014/34/EU
EVG	230V 50Hz	LED	Ta -20°C ÷ +40°C	
Carton (mm/pcs): 430 x 240 x 180 / 1				

Use: Explosion-proof emergency light fitting for the permanent (M) and non-permanent (NM) illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description: The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of hardened glass. There are two cable outlets on the sides of the light fitting. There is an emergency LED module with a battery built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation: On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions: Light fittings are made in versions for permanent (M) and non-permanent (NM) emergency illumination, with autonomy of 3 hours.

To order:


Protective basket
1-99.5992/1


Protective glass
132.5069


Screw plugV-Ex
M20x1,5


Blinding plug
HSK-V-Ex M20x1,5

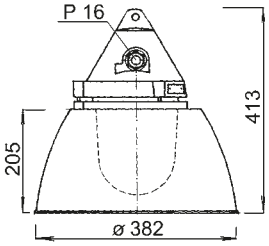

Cable outlet HSK-K-Ex
M20x1,5

Type	Power input [W]	Luminous flux [lm]	Temperature class	T max. of surface [°C]	Version	Autonomy [hrs]	Weight [kg]
591 32 01 nEM	10	380	T6	55	M / NM	3	4,9

SIMPLEX

II 3G Ex nR IIC T3-T6 Gc IP 65
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc





CE	⏚	IP65	Ta: -20°C ÷ +40°C version „n" / -20°C ÷ +50°C version „nt" / -20°C ÷ +50°C version „nSt" / -20°C ÷ +55°C version „nS" / -40°C ÷ +40°C version „nF" / -40°C ÷ +50°C version „nFt"
VVG	E27	24-230 V DC	
230V 50Hz	ATEX 2014/34/EU	Carton (mm/pcs): 355 x 240 x 240 / 1	

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a suspension eye ø19 mm, ceiling holder 4-99.7995, flexible suspension 2-99.5550.

To order:


Protective basket
2-99.6195


Shade
254.5021/01


Ceiling holder
4-99.7995


Flexible suspension
2-99.5550


Screw plug
V-Ms-VMQ-Ex
M20x1,5


Screw plug
V-Ex M20x1,5


Blinding plug
HSK-V-Ex M20x1,5

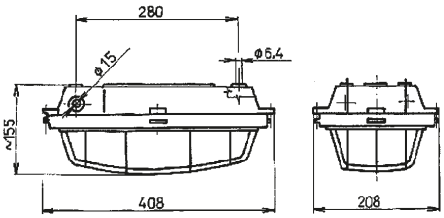
Type	Recommended light source [W]	Temperature class	T max. of surface [°C]	Voltage [V/Hz]	Weight [kg]
511 14 07 n	Halogen bulb Philips EcoClassic 140	T4	108	230 / 50	5
	Bulb CLAS 200	T4	104	230 / 50	5
	Blended lamp HWL 160	T4	99	230 / 50	5
	**High-pressure mercury discharge lamp HQL 80	T5	95	230 / 50	5
	***High-pressure mercury discharge lamp HQL 125	T4	121	230 / 50	5
	Compact fluorescent tube DULUX EL 23/18	T6	59	230 / 50	5
511 14 07 nt	Halogen bulb Philips EcoClassic 140	T4	118	230 / 50	5
	Bulb CLAS 200	T4	114	230 / 50	5
	Blended lamp HWL 160	T4	109	230 / 50	5
	**High-pressure mercury discharge lamp HQL 80	T4	105	230 / 50	5
	***High-pressure mercury discharge lamp HQL 125	T3	131	230 / 50	5
	Compact fluorescent tube DULUX EL 23/18	T6	69	230 / 50	5
511 14 07 nSt	Bulb (DC) 100	T4	100	24-230 DC	5
	Compact fluorescent tube DULUX EL FACILITY 18	T6	69	230 DC	5
511 14 07 nS	Bulb NARVA AGM 60	T5	90	110 DC	5
511 14 07 nF	Halogen bulb Philips EcoClassic 140	T4	108	230 / 50	5
	Bulb CLAS 200	T4	104	230 / 50	5
	Blended lamp HWL 160	T4	99	230 / 50	5
	**High-pressure mercury discharge lamp HQL 80	T5	95	230 / 50	5
	***High-pressure mercury discharge lamp HQL 125	T4	121	230 / 50	5
511 14 07 nFt	Halogen bulb Philips EcoClassic 140	T4	118	230 / 50	5
	Bulb CLAS 200	T4	114	230 / 50	5
	Blended lamp HWL 160	T4	109	230 / 50	5
	**High-pressure mercury discharge lamp HQL 80	T4	105	230 / 50	5
	***High-pressure mercury discharge lamp HQL 125	T3	131	230 / 50	5

**By adding the letter „K" behind type designation, light fittings will be provided with protective steel baskets (511 14 07 nK).*
***Light fitting provided with a mercury discharge lamp HQL 80W requires a ballast box type 604.6ntB.*
****Light fitting provided with a mercury discharge lamp HQL 125 W requires a ballast box type 604.6ntA.*
***** Designation "ng" for three-phase connection (five-core cable) without screw terminal block.*

BILUX

II 3G Ex nR IIC T4-T6 Gc IP 65
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc





CE	⏚	IP65	-20°C ÷ +40°C version „n“ -20°C ÷ +50°C version „nt“ Ta -20°C ÷ +40°C version „nSt“ -50°C ÷ +40°C version „nF“ -50°C ÷ +50°C version „nFt“
VVG	E27 G23	24-230 V DC	
230V 50Hz	ATEX 2014/34/EU	Carton (mm/pcs): 410 x 460 x 170 / 2	

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with the danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of hardened glass. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring a firm connection.

To order:


Protective basket
1-99.5992/1


Protective glass
132.5069


Screw plug
V-Ms-VMQ-Ex M20x1,5


Ballast box
BOX 2


Screw plug
V-Ex M20x1,5


Blinding plug
HSK-V-Ex M20x1,5


Cable outlet
HSK-K-Ex M20x1,5


Gland nut GM-FS
M20x1,5 6,5-12mm

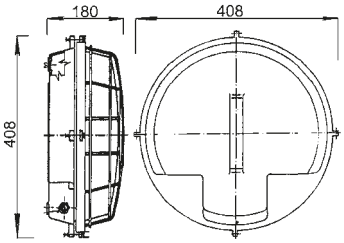
Type	Recommended light source [W]	Temperature class	T max. of surface[°C]	Voltage [V/Hz]	Weight [kg]
511 32 01 n	Halogen bulb Philips EcoClassic 140	T4	108	230 / 50	4
	Bulb CLAS 200	T4	128	230 / 50	4
	Blended lamp HWL 160	T4	118	230 / 50	4
	**High-pressure mercury discharge lamp HQL 80	T5	83	230 / 50	4
	***High-pressure mercury discharge lamp HQL 125	T5	89	230 / 50	4
	Compact fluorescent tube DULUX EL 23	T6	58	230 / 50	4
511 32 01 nt	Halogen bulb Philips EcoClassic 140	T4	118	230 / 50	4
	Blended lamp HWL 160	T4	128	230 / 50	4
	**High-pressure mercury discharge lamp HQL 80	T5	93	230 / 50	4
	***High-pressure mercury discharge lamp HQL 125	T4	99	230 / 50	4
	Compact fluorescent tube DULUX EL 23	T6	68	230 / 50	4
511 32 01 nSt	Bulb (DC) 100	T4	108	24 – 230 DC	4
	Compact fluorescent tube DULUX EL FACILITY 18	T6	68	230 DC	4
511 32 01 nF	Halogen bulb Philips EcoClassic 140	T4	108	230 / 50	4
	Bulb CLAS 200	T4	128	230 / 50	4
511 32 01 nFt	Halogen bulb Philips EcoClassic 140	T4	118	230 / 50	4

***Light fitting provided with a mercury discharge lamp HQL 80 W requires a ballast box type 604.6ntB.*
****Light fitting provided with a mercury discharge lamp HQL 125 W requires a ballast box type 604.6ntA.*

TRILUX

II 3G Ex nR IIC T4-T6 Gc IP 65
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc





CE		IP65	Ta: -20°C ÷ +40°C version „n“ -20°C ÷ +50°C version „nt“ -20°C ÷ +50°C version „nSt“ -20°C ÷ +70°C version „nHt“ -50°C ÷ +40°C version „nF“ -50°C ÷ +50°C version „nFt“
VVG	E27	24–230 V DC	
ATEX 2014/34/EU		Carton (mm/pcs): 400 x 400 x 190 / 1	

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of hardened glass. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

To order:


Protective basket
1-99.5984/1


Protective glass
232.5070


Screw plug
V-Ms-VMQ-Ex M20x1,5


Ballast box
BOX 2


Screw plug
V-Ex M20x1,5


Blinding plug
HSK-V-Ex M20x1,5


Cable outlet
HSK-K-Ex M20x1,5


Gland nut GM-FS
M20x1,5 6,5-12mm

Type	Recommended light source [W]	Temperature class	T max. of surface [°C]	Voltage [V/Hz]	Weight [kg]
511 33 02 n	2 x halogen bulb Philips EcoClassic 70	T5	87	230 / 50	6
	2 x halogen bulb Philips EcoClassic 105	T4	101	230 / 50	6
	2 x bulb CLAS 150	T4	106	230 / 50	6
	1 x Blended lamp HWL 160	T5	89	230 / 50	6
	**1 x high-pressure mercury discharge lamp HQL 80	T6	68	230 / 50	6
	***1 x high-pressure mercury discharge lamp HQL 125	T6	79	230 / 50	6
	2 x compact fluorescent tube DULUX EL 23	T6	64	230 / 50	6
511 33 02 nt	2 x halogen bulb Philips EcoClassic 70	T5	97	230 / 50	6
	2 x halogen bulb Philips EcoClassic 105	T4	111	230 / 50	6
	2 x bulb CLAS 150	T4	116	230/50	6
	1 x blended lamp HWL 160	T5	99	230 / 50	6
	**1 x high-pressure mercury discharge lamp HQL 80	T6	78	230 / 50	6
	***1 x high-pressure mercury discharge lamp HQL 125	T5	89	230 / 50	6
	2 x compact fluorescent tube DULUX EL 23	T6	74	230 / 50	6
511 33 02 nSt	2 x bulb (DC) 100	T4	106	24 – 230 DC	6
	2 x compact fluorescent tube DULUX EL FACILITY 18	T6	74	230 DC	6
511 33 02 nHt	2 x halogen bulb Philips EcoClassic 70	T4	117	230 / 50	6
	2 x bulb CLAS 100	T4	122	230 / 50	6
511 33 02 nF	2 x halogen bulb Philips EcoClassic 70	T5	87	230 / 50	6
	2 x halogen bulb Philips EcoClassic 105	T4	101	230 / 50	6
	2 x bulb CLAS 150	T4	106	230 / 50	6
511 33 02 nFt	2 x halogen bulb Philips EcoClassic 70	T5	97	230 / 50	6
	2 x halogen bulb Philips EcoClassic 105	T4	111	230 / 50	6
	2 x bulb CLAS 150	T4	116	230 / 50	6

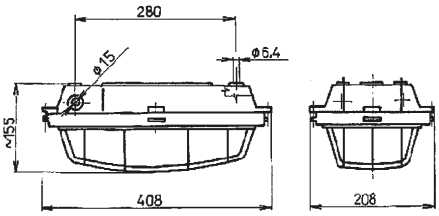
***Light fitting provided with a mercury discharge lamp HQL 80 requires a ballast box type 604.6 ntB.*
****Light fitting provided with a mercury discharge lamp HQL 125W requires a ballast box type 604.6 ntA.*

SAFELUX/ MULTISAFE

II 3G Ex nR II T6 Gc
Zone 2/22 II 3D Ex tc IIIC T53°C Dc

IP 66





CE	EMERGENCY		IP66	ATEX 2014/34/EU
EVG	230 V 50 Hz	2G7	Ta 0°C ÷ +40°C	
Carton (mm/pcs): 430 x 240 x 180 / 1				

Use: Explosion-proof emergency light fitting for the permanent (M) or non-permanent (NM) illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of hardened glass. There are two cable outlets on the light fitting sides. There is an emergency module with a battery built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions:
Light fittings are made in versions for permanent (M) and non-permanent (NM) emergency illumination, with autonomy of 2 hours.

To order:



Protective basket
1-99.5992/1



Protective glass
132.5069



Screw plug
V-Ex M20x1,5



Blinding plug
HSK-V-Ex M20x1,5



Cable outlet
HSK-K-Ex M20x1,5



Gland nut GM-FS
M20x1,5 6,5-12mm

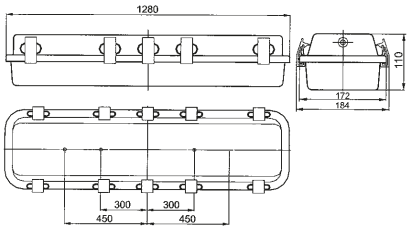
Name	Type	Recommended light source [W]	Temperature class	T max. of surface [°]	Version	Autonomy [hrs]	Weight [kg]
SAFELUX	581 32 01 nEM	Compact fluorescent tube DULUX S 9	T6	53	NM	2	4,6
MULTISAFE			T6	53	M / NM	2	4,9

LINEX

II 3G Ex nA IIC T4-T5 Gc
Zone 2/22 II 3D Ex tc IIIB T max. of surface Dc

IP 55





CE	EMERGENCY		IP55	230V 50Hz
EVG	ATEX 2014/34/EU	198-264 V AC 220-240 V DC	Ø 26 G 13	
Ta EVG -20°C ÷ +40°C -30°C ÷ +60°C (K)		Carton (mm/pcs): 430 x 240 x 180 / 1		

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body is made of steel sheet finished with RAL 1005 powder paint or stainless steel. The optical cover is made of polycarbonate. The optical cover is fixed by 10 stainless steel caps. Electrical equipment is formed on steel sheet finished by powder paint. There are two cable outlets M20x1.5 on the light fitting sides. The light fitting is made as a through light fitting, for a three-phase connection (five-core cable). The max. cross-section of the connecting conductors is 2.5 mm².

Installation:
On the ceiling, wall, supporting structure or by suspension.

Versions:
The light fittings are made in versions with an electronic ballast (EVG) and with an emergency unit (EMERGENCY).

To order:
Protective polycarbonate cover 142.5511/2,



stainless steel cap 4-99.6188/01.



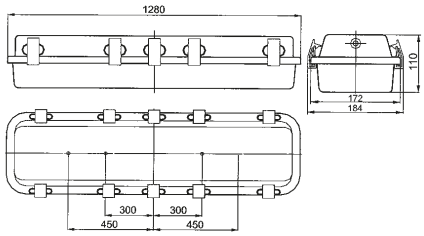
Type - steel	Recommended light source [W]	Version	Socket	Weight [kg]
531 43 01	1 x linear fluorescent tube T8 36	EVG	G13	6,5
531 43 02	2 x linear fluorescent tube T8 36	EVG	G13	6
531 43 01 EM	1 x linear fluorescent tube T8 36	EMERGENCY	G13	7,5

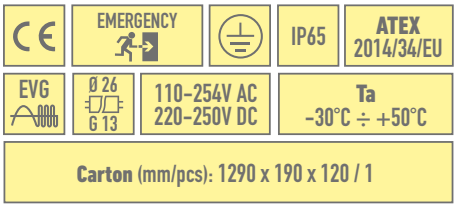
Type - stainless steel	Recommended light source [W]	Version	Socket	Weight [kg]
531 43 05	1 x linear fluorescent tube T8 36	EVG	G13	6,5
531 43 06	2 x linear fluorescent tube T8 36	EVG	G13	6
531 43 05 EM	1 x linear fluorescent tube T8 36	EMERGENCY	G13	7,5

**By adding the letter „K" after the type designation, the light fittings will be provided with steel or stainless-steel protective baskets (531 43 01 K).*

ZONEX







Zone 1/21 II 2G Ex eb mb IIC T4 Gb IP 65
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body is made of steel sheet finished with RAL 1005 powder paint or stainless steel. The optical cover is made of polycarbonate. The optical cover is fixed by ten stainless steel caps. Electrical equipment is formed on steel sheet finished by powder paint. There are two cable outlets M20x1.5 on the light fitting sides. The light fitting is made as a through light fitting, for a three-phase connection (five-core cable). The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the ceiling, wall, supporting structure or by suspension.

Versions:
The light fittings are made in versions with an electronic ballast (EVG), electronic adjustable ballast (EVG DIMM) and with an emergency unit (EMERGENCY). Type 531 42 02 EM is designed for emergency lighting with autonomy for 3 hours.

To order:
Protective polycarbonate cover 142.5511/2,



stainless steel cap 4-99.6188/01.



Type - steel	Recommended light source [W]	Version	Socket	Weight [kg]
531 42 01	1 x linear fluorescent tube T8 36	EVG	G13	6
531 42 02	2 x linear fluorescent tube T8 36	EVG	G13	6,5
531 42 01 EM	1 x linear fluorescent tube T8 36	EMERGENCY	G13	6
531 42 02 EM	2 x linear fluorescent tube T8 36	EMERGENCY	G13	7

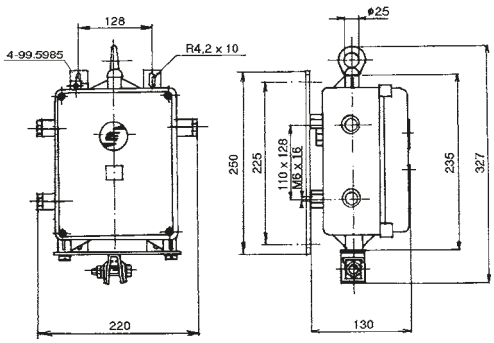
Type - stainless steel	Recommended light source [W]	Version	Socket	Weight [kg]
531 42 03	1 x linear fluorescent tube T8 36	EVG	G13	6
531 42 04	2 x linear fluorescent tube T8 36	EVG	G13	6,5
531 42 03 EM	1 x linear fluorescent tube T8 36	EMERGENCY	G13	6
531 42 04 EM	2 x linear fluorescent tube T8 36	EMERGENCY	G13	7

**By adding the letter „K" after the type designation, the light fittings will be provided with steel or stainless-steel protective baskets (531 42 01 K).*

BOX 2

II 3G Ex nR IIC T3-T6 Gc IP 65
Zone 2/22 II 3D Ex tc IIIC Tmax. of surface Dc





Use: Explosion-proof ballast box for the operation of non-explosive light fittings with a mercury discharge lamp such as SIMPLEX, BILUX, TRILUX installed in atmospheres with a danger of gas, vapour and dust explosion.

Technical description:
The body and cover are AlSi alloy castings finished with RAL 1005 powder paint. There are cable outlets on the sides of the body. Electrical equipment is installed inside. Ballast box is designed as a through light fitting, for a three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation: With a suspension eye ø25 mm.

To order:


Screw plug
V-Ms-VMQ-Ex PG16


Screw plug
V-Ex PG16


Blinding plug
HSK-V-Ex PG16

CE	⏚	IP65	ATEX 2014/34/EU
VVG	E27	Ta	-20°C ÷ +50°C version „nt" -40°C ÷ +50°C version „nFt"
230V 50Hz	Carton (mm/pcs): 355 x 240 x 240 / 2		

Type	Recommended light source [W]	Temperature class	T max. of surface [°C]	Voltage [V/Hz]	Weight [kg]
604.6 ntA	High-pressure mercury discharge lamp HQL 125	T6	70	230 / 50	5
604.6 ntB	High-pressure mercury discharge lamp HQL 80	T6	70	230 / 50	5
604.6 nFtA	High-pressure mercury discharge lamp HQL 125	T6	70	230 / 50	5
604.6 nFtB	High-pressure mercury discharge lamp HQL 80	T6	70	230 / 50	5

MINEX I

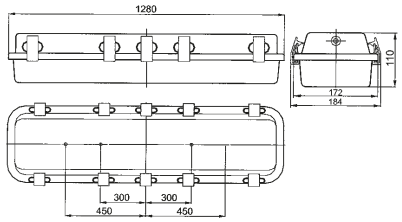


ZONEX LED Ex IP 65

Zone 1/21 II 2G Ex eb mb IIC T4 Gb
Zone 2/22 II 2D Ex tb mb IIIC Tmax. of surface Db



COMING SOON



CE	EMERGENCY		IP65	ATEX 2014/34/EU
EVG	Ø 26 G 13	110-254V AC 220-250V DC	Ta -30°C ÷ +50°C	
Carton (mm/pcs): 1290 x 190 x 120 / 1				

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body is made of steel sheet finished with RAL 1005 powder paint or stainless steel. The optical cover is made of polycarbonate. The optical cover is fixed by ten stainless steel caps. Electrical equipment is formed on steel sheet finished by powder paint. There are two cable outlets M20x1.5 on the light fitting sides. The light fitting is made as a through light fitting, for a three-phase connection (five-core cable). The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the ceiling, wall, supporting structure or by suspension.

Versions:
The light fittings are made in versions with an electronic ballast (EVG), electronic adjustable ballast (EVG DIMM) and with an emergency unit (EMERGENCY).

To order:
Protective polycarbonate cover, stainless steel cap.

Type	Power input [W]	Luminous flux [lm]	Autonomy [hrs]	Luminous efficiency [lm/W]	Version
591 42 01	50	5000	-	100	steel
591 42 02	50	5000	-	100	stainless steel
591 42 01 EM	50	5000	3	100	steel
591 42 02 EM	50	5000	3	100	stainless steel

**By adding letter „K" behind type designation, light fittings will be provided with protective steel baskets (591 42 01 K).*

SIRIUS LED Ex IP 65

Zone 1/21 II 2G Ex db eb op is IIC T4-T5 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db



COMING SOON

CE	230V 50Hz	ATEX 2014/34/EU
IP65		Ta -40°C ÷ +50°C
Carton (mm/pcs): 560 x 350 x 300 / 1		

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with eye is fixed to the top part of the body. There are two cable outlets on the sides of the light fitting. The steel base plate with electrical equipment and reflector is built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation: With steel suspensions with eyes ø18 mm.

Versions: Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.

To order: Shade 154.5041/02, protective basket 1-99.5856, spanner 3-99.6159, blinding plug HSK-V-Ex M25x1.5, blinding plug HSK-V-Ex M20x1.5, screw plug V-Ex M25x1.5, screw plug V-Ex M20x1.5, screw plug V-Ms-VMQ-Ex M25x1.5, screw plug V-Ms-VMQ-Ex M20x1.5, spanner 3-99.6159.

Type	Power input [W]	Luminous flux [lm]	Colour temperature [K]	Voltage [V/Hz]	CRI
591 44 01	100	14000	4000	230/50	>80
591 44 02	80	11000	4000	230/50	>80
591 44 03	65	9000	4000	230/50	>80

**By adding letter „K" behind type designation, light fittings will be provided with protective steel baskets (591 44 01 K).*

HERKULES LED

Zone 1/21 II 2G Ex db eb op is IIC T4-T5 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db

IP 65



COMING SOON



Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A locking steel holder with eyes ø12.5 mm is fixed to the body. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation:
With a steel suspension with eyes ø12.5 mm, using a wall holder 3-99.6183.

To order: Shade 154.5041/02, protective basket 1-99.5856, spanner 3-99.6159, blinding plug HSK-V-Ex M20x1.5, screw plug V-Ex M20x1.5, screw plug V-Ms-VMQ-Ex M20x1.5.

CE | 230V 50Hz | ⏚ | **Carton** (mm/pcs): 800 x 400 x 400 / 1

ATEX 2014/34/EU | IP65 | Ta -40°C ÷ +50°C

Type	Power input [W]	Luminous flux [lm]	Colour temperature [K]	Voltage [V/Hz]	CRI
591 45 01	200	27000	4000	230/50	>80
591 45 02	150	21000	4000	230/50	>80

**By adding letter „K" behind type designation, light fittings will be provided with protective steel baskets (591 45 01 K).*

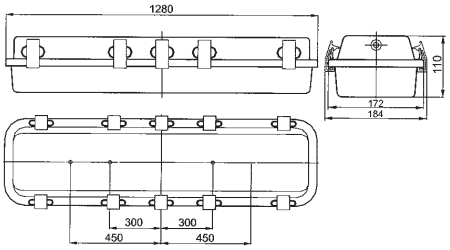
LINEX LED

Zone 2/22 II 3G Ex nR IIC T5-T6 Gc
II 3D Ex tc IIIC Tmax. of surface Dc

IP 65



COMING SOON



CE | EMERGENCY | ⏚ | IP65

ATEX 2014/34/EU | Ta -30°C ÷ +50°C +5°C ÷ +50°C (EM)

198–254V AC 220–240V DC | **Carton** (mm/pcs): 430 x 240 x 240 / 1

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:
The body is made of steel sheet finished with RAL 1005 powder paint or stainless steel. The optical cover is made of polycarbonate. The optical cover is fixed by 10 stainless steel caps. Electrical equipment is formed on steel sheet finished by powder paint. There are two cable outlets M20x1.5 on the light fitting sides. The light fitting is made as a through light fitting, for a three-phase connection (five-core cable). The max. cross-section of the connecting conductors is 2.5 mm².

Installation:
On the ceiling, wall, supporting structure or by suspension.

Versions:
The light fittings are made in versions with an electronic ballast (EVG) and with an emergency unit (EMERGENCY).

To order:
Protective polycarbonate cover 142.5511/2, stainless steel cap 4-99.6188/01.

Type - steel	Power input [W]	Luminous flux [lm]	Colour temperature [K]	CRI
591 43 01	65	12500	4000	>80
591 43 02	50	10000	4000	>80
591 43 03	40	7750	4000	>80
591 43 04	25	5000	4000	>80

Type - stainless steel	Power input [W]	Luminous flux [lm]	Colour temperature [K]	CRI
591 43 05	65	12500	4000	>80
591 43 06	50	10000	4000	>80
591 43 07	40	7750	4000	>80
591 43 08	20	5000	4000	>80



Industrial light fittings

PEGAS LED



CE	⏚	IP65	180–264V AC
LED	EVG	EVG DIMM	Ta -35°C ÷ +45°C
Carton (mm/pcs):	410 x 240 x 240 / 1 430 x 240 x 240 / 1 K		

Use: Light fitting for the illumination of heavy indoor and outdoor industrial spaces with a high level of mechanical stress

Technical description: The light fitting body and flange are AlSi alloy castings finished with powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation: With a steel suspension with an eye ø18 mm.

Versions: The light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and surge guard up to 3,75 kV. Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.

To order:



Shade
254.5021/01



Spanner
3-99.6158/1



Holder for mounting on the ceiling
4-99.7995



Holder for mounting on the wall
338.2735

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 41 01 (K)	45 / 6000	133	120	4000	>80	10

**By adding the letter „K" after type designation, light fittings will be provided with protective steel baskets (591 41 01 K).*

JUNIOR LED



CE	⏚	IP66	198–264V AC 170–267V DC
LED	EVG	EVG DIMM	Ta -40°C ÷ +50°C
Carton (mm/pcs): 355 x 240 x 240 / 1			

Use: Light fitting for the illumination of heavy indoor and outdoor industrial spaces with a high level of mechanical stress.

Technical description:
The light fitting body and flange are AlSi alloy castings finished with powder paint. The optical cover is made of tempered glass. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation: With a suspension eye ø19 mm, ceiling holder 4-99.7995, flexible suspension 2-99.5550.

Versions: Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and surge guard up to 3 kV.

To order:



Shade
254.5021/01



Flexible suspension
2-99.5550



Holder for mounting on the ceiling
4-99.7995

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 15 01 (K)	30 / 3880	129	120	4000	>80	6

**By adding the letter „K" behind type designation, light fittings will be provided with protective steel basket (591 15 01 K).*

FARMER I LED



591 36 01



591 36 02



593 36 04



592 36 03

CE		IP54	198-264V AC 170-267V DC
LED	EVG	EVG DIMM	Ta -35°C ÷ +40°C
IP65 591 36 02	Carton (mm/pcs):		1000 x 280 x 280 / 2 650 x 280 x 280 / 2

Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description: The body is made of steel sheet and finished with powder paint. The inorganic glass cover with seal and protective basket are fixed to the body with four metal caps. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. According to the individual types, the light fitting includes: an AlSi terminal box, a steel pipe finished with powder paint or a galvanized steel sheet boom. The light fitting is made as a through light fitting and is provided with two cable outlets. The max. cross-section of the connecting conductors is 4 mm^2.

Installation: On the ceiling, wall.

Versions: Optional version of light fittings with reinforced corrosion protection – version „pz", version with a protective steel basket – version „K", version with a protective polycarbonate basket and stainless-steel caps – version „p". Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and surge guard up to 3 kV.

To order:



Glass cover 232.5068/1



Protective basket 182.5005 - PMMA 132.2540 - polycarb.



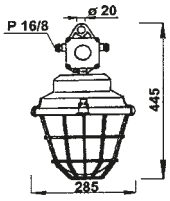
Protective steel basket 1-99.6231

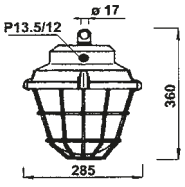


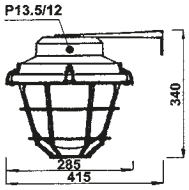
Metal cap 4-99.8470/01

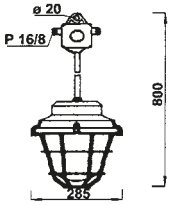


Staninless metal cap 4-99.6180/01









Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI
30 / 3880	129	120	4000	>80

Type	Light source [W]	Part of light fitting	Weight [kg]
591 36 01 (K)	LED 30	Terminal box	4,8
591 36 02 (K)		Holder	4,8
592 36 03 (K)		Pipe and terminal box	4,8
593 36 04 (K)		Boom	4,8

**By adding the letter „K" after the type designation, the light fittings will be provided with protective baskets (591 36 01K).*
***By adding the letter „p" after the type designation, the light fittings will be made with protective polycarbonate baskets and stainless-steel caps – for harsh conditions (591 36 01p).*
***By adding the letters „pz" after the type designation, the light fittings will be made with reinforced corrosion protection – for extra harsh conditions (591 36 01Kpz).*

FARMER II LED



591 37 01



592 37 03



593 37 04

Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description:
The body is made of steel sheet and finished with powder paint. The inorganic glass cover with a seal and protective basket is fixed to the body with four metal caps. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. According to the individual types, the light fitting includes: an AlSi terminal box, a steel pipe finished with powder paint or a galvanized steel sheet boom. The light fitting is made as a through light fitting and is provided with two cable outlets. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
On the ceiling, wall.

Versions:
Optional version of light fittings with reinforced corrosion protection – version „pz", version with a protective steel basket – version „K", version with a protective polycarbonate basket and stainless-steel caps – version „p". The light fittings are

CE		IP54	198–264V AC 170–267V DC
LED	EVG	EVG DIMM	Ta -35°C ÷ +35°C
Carton (mm/pcs):	1000 x 280 x 280 / 1 650 x 280 x 280 / 1		

made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:



Glass cover
232.5068/1



Protective basket
182.5005 - PMMA
132.2540 - polycarb.



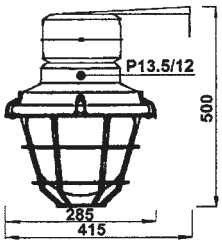
Protective steel
basket 1-99.6231

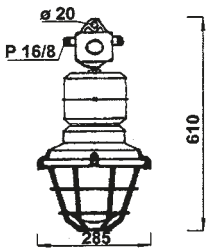


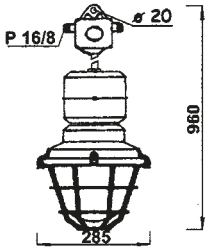
Metal cap
4-99.8470/01



Staninless metal
cap 4-99.6180/01







Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI
45 / 6000	133	120	4000	>80

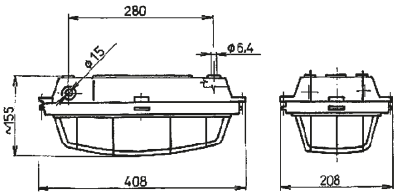
Type	Light source [W]	Part of light fitting (on photo)	Weight [kg]
591 37 01 (K)	LED 45	Terminal box	8
592 37 03 (K)		Pipe + terminal box	8
593 37 04 (K)		Boom	8

**By adding the letter „K" after the type designation, the light fittings will be provided with protective baskets (591 37 01K).*
*** By adding the letter „p" after the type designation, the light fittings will be made with protective polycarbonate baskets and stainless-steel caps – for harsh conditions (591 37 01p).*
****By adding the letters „pz" after the type designation, the light fittings will be made with reinforced corrosion protection – for extra harsh conditions (591 37 01 Kpz).*

TUB LED



CE		IP66	F	LED
EVG	EVG DIMM	EMERGENCY	220-240 V AC	
Ta -35°C ÷ +40°C -25°C ÷ +40°C version „EM" -35°C ÷ +50°C version „t"		Carton (mm/pcs): 410 x 460 x 170 / 2		



Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description: The body is made of steel sheet and finished with powder paint. The inorganic glass cover with a seal and protective basket is fixed to the body with four metal caps. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. According to the individual types, the light fitting includes: an AlSi terminal box, a steel pipe finished with powder paint or a galvanized steel sheet boom. The light fitting is made as a through light fitting and is provided with two cable outlets. The max. cross-section of the connecting conductors is 4 mm^2.

Installation: On the ceiling, wall.

Versions: Optional version of light fittings with reinforced corrosion protection – version „pz", version with a protective steel basket – version „K", version with a protective polycarbonate basket and stainless-steel caps – version „p". The light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet. The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:



Protective basket
1-99.8535/1



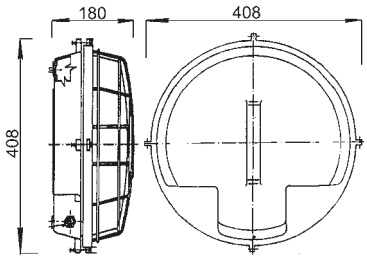
Glass cover
132.5069

Type	Power input [W]/ Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 34 01	35 / 3550	101	120	4000	>80	6
591 34 01 t	25 / 2600	104	120	4000	>80	6

Type	Power input [W] / Luminous flux [lm]	Light source [W]	Version	Autonomy [hrs]	Weight [kg]
591 34 01 EM	10 / 380	3 x LED	M / NM	3	4,9
591 34 02 EM	17 / 1150	10 x LED	M / NM	3	4,9

TURTLE LED





Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description: The light fitting body and flange are AlSi alloy castings finished with powder paint. There are two cable outlets on the sides of the light fitting. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting. When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation: On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions: Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power input to 50%. The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV.

To order:



Protective basket
1-99.8534/1



Glass cover
232.5070



Blinding plug
PG11/M16

CE | IP66 | Ta -35°C ÷ +40°C
LED | EVG | EVG DIMM | 220-240 V AC
F | **Carton** (mm/pcs): 400 x 400 x 190 / 1

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 35 01	50 / 6000	120	120	4000	>80	6

ES STP LED



CE | IP65 | LED | 230V 50Hz
Carton (mm/pcs): 250 x 350 x 203 / 1

Use: Light fitting for the illumination of industrial spaces such as halls, warehouses, workshops, particularly areas where the energy efficiency and long life of the light source

Technical description:
The light fitting body is aluminium casting finished with powder paint. The optical cover is made of hardened glass. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
With a suspension eye, mounting on ceiling, wall or construction via an adjustable console.

To order:



Shade



Lockable positional holder

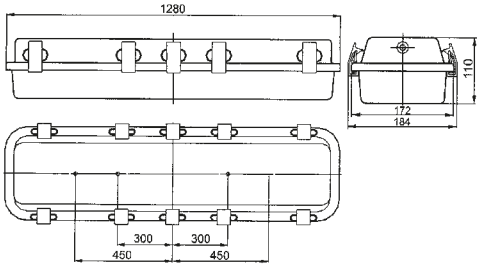


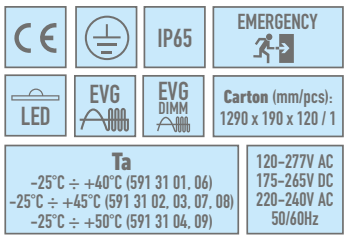
Ceiling holder

Type	Power input [W] / Luminous flux [lm]	CRI	Colour temperature [K]	Dimensions [mm]
ES STP LED-100	100 / 13 000	>80	4000	Ø280x200
ES STP LED-150	150 / 19 500	>80	4000	Ø280x200
ES STP LED-200	200 / 26 000	>80	4000	Ø280x228

PRACHO LED







Use: Light fitting for the illumination of indoor and outdoor moist, dusty industrial spaces such as halls, warehouses, workshops, corridors, cellars, particularly environments with an increased occurrence of aggressive chemicals.

Technical description:
The body is made of steel sheet finished with powder paint or stainless steel. The optical cover is made of polycarbonate. Electrical equipment is formed by LED module with a regulated power supply. The light fitting is made as a through light fitting and is provided with five-pin terminal block. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
By hanging, on the ceiling, wall or boom.

Versions:
Electronic ballast (EVG), electronic adjustable ballast (EVG DIMM), emergency unit (EM, with autonomy of 3 hours).

To order:



Polycarbonate cover
142.5511/2
1-99.9617PC



Plastic cap
4-99.10213/1



Stainless steel cap
4-99.6188/1

Type - steel	Power input [W] / Luminous flux [lm]	Luminous efficiency [W/lm]	Colour temperature [K]	CRI	Dimensions A x B x C [mm]	Weight [kg]
591 31 01	65 / 12500	192	4000	>80	1280 x 184 x 110	6
591 31 02	50 / 10000	200	4000	>80	1280 x 184 x 110	6
591 31 03	40 / 7750	194	4000	>80	1280 x 184 x 110	6
591 31 04	25 / 5000	200	4000	>80	1280 x 184 x 110	6

Type - stainless steel	Power input [W] / Luminous flux [lm]	Luminous efficiency [W/lm]	Colour temperature [K]	CRI	Dimensions A x B x C [mm]	Weight [kg]
591 31 06	65 / 12500	192	4000	>80	1280 x 184 x 110	6
591 31 07	50 / 10000	200	4000	>80	1280 x 184 x 110	6
591 31 08	40 / 7750	194	4000	>80	1280 x 184 x 110	6
591 31 09	25 / 5000	200	4000	>80	1280 x 184 x 110	6

**By adding the letter „K" after the type designation, the light fittings will be provided with steel or stainless-steel protective basket (591 31 01K).*

FARMER I



511 29 01
581 29 01



511 29 02



513 04 01
583 04 01



512 04 01
582 04 01

CE	⏚	IP54	E27	D
IP65 pro 511 29 02	G24d-3	Ta -25°C ÷ +40°C -40°C ÷ +60°C version „tF"		
VVG	Carton (mm/pcs):	1000 x 280 x 280 / 2 650 x 280 x 280 / 2		

Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description:
The body is made of steel sheet and finished with powder paint. The inorganic glass cover with a seal and protective basket are fixed to the body with four metal caps. According to individual types, the light fitting includes: an AlSi terminal box, a steel pipe finished with powder paint or a galvanized steel sheet boom. The light fitting is made as a through light fitting and is provided with two cable outlets. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
On the ceiling, wall.

Versions:
Optional version of light fittings with reinforced corrosion protection – version „pz", version with a protective steel basket – version „K", version with a protective polycarbonate basket and stainless-steel caps – version „p".

To order:



Glass cover
232.5068/1



Protective basket
182.5005 - PMMA
132.2540 - polycarb.



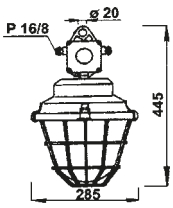
Protective steel
basket 1-99.6248

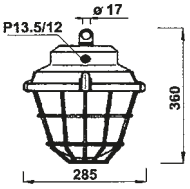


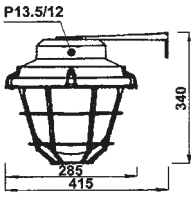
Metal cap
4-99.8470/01

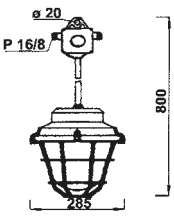


Staninless metal
cap 4-99.6180/01









Type	Recommended light source [W]	Part of light fitting	Weight [kg]
511 29 01 (tF)	Bulb CLAS max. 200 **Halogen bulb EcoClassic max. 140 **Blended lamp HWL 160	Terminal box	4,2
511 29 02 (tF)		Holder	4,2
512 04 01 (tF)		Pipe and terminal box	4,2
513 04 01 (tF)		Boom	4,2
581 29 01	Compact fluorescent tube DULUX D 26	Terminal box	5,1
582 04 01		Pipe and terminal box	5,1
583 04 01		Boom	5,1

**By adding the letter „K" after the type designation, the light fittings will be provided with protective baskets (511 29 01K).*
*** Types with limited surface temperature.*
****By adding the letter „p" after the type designation, the light fittings will be made with protective polycarbonate baskets and stainless-steel caps – for harsh conditions (511 29 01p).*
*****By adding the letters „pz" after the type designation, the light fittings will be made with reinforced corrosion protection – for extra harsh conditions (511 29 01pz).*

Any combinations of special versions at the customer's request.

FARMER II



543 01 01
543 05 01



541 17 01
541 24 01



542 02 01
542 07 01

Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description:
The body is made of steel sheet and finished with powder paint. The inorganic glass cover with a seal and a protective basket is fixed to the body with four metal caps. According to the individual types, the light fitting includes: an AlSi terminal box, a steel pipe finished with powder paint or a galvanized steel sheet boom. The light fitting is made as a through light fitting and is provided with two cable outlets. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
On the ceiling, wall.

Versions:
Optional version of light fittings with reinforced corrosion protection – version „pz", version with a protective steel basket – version „K", version with a protective polycarbonate basket and stainless-steel caps – version „p", version with an electronic ballast (EVG) - version „EP".

To order:



Glass cover
232.5068/1



Protective basket
182.5005 - PMMA
132.2540 - polycarb.



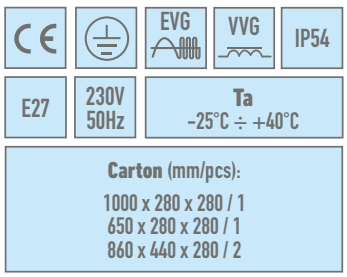
Protective steel
basket 1-99.6248

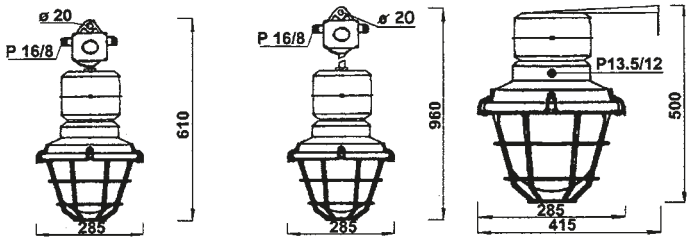


Metal cap
4-99.8470/01



Staninless metal
cap 4-99.6180/01





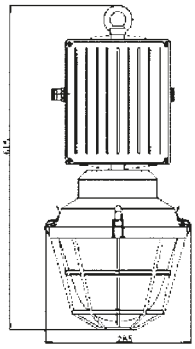
Type	Recommended light source [W]	Part of light fitting	Weight [kg]
541 17 01	High-pressure mercury discharge lamp 125	Terminal box	7,1
541 24 01	High-pressure sodium discharge lamp 70	Terminal box	7,3
	High-pressure halide discharge lamp 70	Terminal box	7,3
541 24 01 EP	High-pressure halide discharge lamp 70	Terminal box	7
542 02 01	High-pressure mercury discharge lamp 125	Pipe and terminal box	7,1
542 07 01	High-pressure sodium discharge lamp 70	Pipe and terminal box	7,3
	High-pressure halide discharge lamp 70	Pipe and terminal box	7,3
543 01 01	High-pressure mercury discharge lamp 125	Boom	7,1
543 05 01	High-pressure sodium discharge lamp 70	Boom	7,3

**By adding the letter „K" after the type designation, the light fittings will be provided with protective baskets (541 17 01K).*
***By adding the letter „p" after the type designation, the light fittings will be made with protective polycarbonate baskets and stainless-steel caps – for the harsh conditions (541 17 01p).*
***By adding the letters „pz" after the type designation, the light fittings will be made with reinforced corrosion protection – for extra harsh conditions (541 17 01pz).*

Any combinations of special versions at the customer's request.

FARMER III





Use: Light fitting for the illumination of indoor and outdoor industrial spaces. The light fitting is uncompensated.

Technical description:
The light fitting consists of a ballast box – an AlSi alloy casting and a body made of steel sheet, finished with powder paint. The inorganic glass cover with a seal and protective polycarbonate basket is fixed to the body with four stainless steel caps. The max. cross-section of connecting conductors is 4 mm^2.

Installation:
On the ceiling, with a suspension eye ø30 mm.

Versions:
Version with a protective steel basket – version „K".

To order:



Glass cover
232.5068/1



Protective basket
182.5005 - PMMA
132.2540 - polycarb.



Protective steel basket 1-99.6248



Staninless metal cap 4-99.6180/01

CE	⏚	IP54	E27
Ta -25°C ÷ +55°C (t) -40°C ÷ +40°C (F)	VVG		230V 50Hz
Carton (mm/pcs): 650 x 280 x 290 / 1			

Type	Recommended light source [W]	Weight[kg]
541 18 01 t	High-pressure mercury discharge lamp HQL 125	7,1
541 18 02 t	High-pressure sodium/halide discharge lamp 70	7,1
541 18 03 F	Halogen lamp HCI-E 150	7,5
541 18 04 F	Halogen lamp HQI-E 100	7,5

**By adding the letter „K" after the type designation, the light fittings will be provided with protective baskets (541 18 01Kt).*

JUNIOR



Use: Light fitting for the illumination of heavy indoor and outdoor industrial spaces with a high level of mechanical stress.

Technical description:
The light fitting body and flange are AlSi alloy castings finished with powder paint. The optical cover is made of tempered glass. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm2.

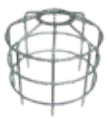
Installation:
With a suspension eye ø19 mm, ceiling holder 4-99.7995, flexible suspension 2-99.5550.

To order:

CE	⏚	IP66	230V 50Hz
E27	VVG	Ta -40°C ÷ +50°C (t)	
Carton (mm/pcs): 410 x 240 x 240 / 1 430 x 240 x 240 / 1 K			



Shade
254.5021/01



Protective basket
2-99.6195



Flexible suspension
2-99.5550



Protective glass
332.5018



Ceiling holder
4-99.7995

Type	Recommended light source [W]	Voltage [V/Hz]	Weight [kg]
511 14 07	Halogen bulb Philips EcoClassic 140	230/50	5
	Bulb CLAS 200	230/50	5
	Blended lamp HWL 160	230/50	5
	**High-pressure mercury discharge lamp HQL 180	230/50	5
	***High-pressure mercury discharge lamp HQL 125	230/50	5

**By adding the letter „K" after the type designation, the light fittings will be provided with protective steel baskets (511 14 07K).*
***Light fitting provided with a mercury discharge lamp HQL 80W requires a ballast box type BOX 2.*
****Light fitting provided with a mercury discharge lamp HQL 125W requires a ballast box type BOX 2.*

PEGAS



CE	⏚	IP65	230V 50Hz
E27	VVG	Ta -40°C ÷ +50°C (t)	
Carton (mm/pcs):	410 x 240 x 240 / 1 430 x 240 x 240 / 1 K		

Use: Light fitting for the illumination of heavy indoor and outdoor industrial spaces with a high level of mechanical stress.

Technical description:
The light fitting body and flange are AlSi alloy castings finished with powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the sides of the light fitting. The steel base plate with electrical equipment and reflector is built inside the light fitting. The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a steel suspension with an eye ø18 mm.

Versions:
Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.

To order:


Shade
254.5021/01


Protective basket
2-99.7461


Glass cover
3-99.5722/1


Spanner
3-99.6158/1


Holder for mounting on the ceiling 4-99.7995

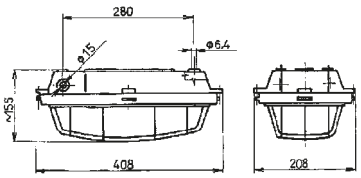

Holder for mounting on the wall 338.2735

Type	Recommended light source [W]	Voltage [V/Hz]	Weight [kg]
511 41 01	Halogen bulb Philips EcoClassic 140	230/50	8,5
	Halogen bulb Philips EcoClassic 105	230/50	8,5
	Halogen bulb Philips EcoClassic 70	230/50	8,5
	Bulb CLAS 200	230/50	8,5
	Bulb CLAS 150	230/50	8,5
	Bulb CLAS 60-100	230/50	8,5
	Blended lamp HWL 160	230/50	8,5
541 41 01	High-pressure mercury discharge lamp HQL 80	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 50/I	230/50	9
541 41 02	High-pressure mercury discharge lamp HQL 125	230/50	9
	High-pressure sodium discharge lamp NAV-E 110/I	230/50	9
541 41 03	High-pressure halide lamp HQI 70	230/50	9

**By adding the letter „K" after the type designation, the light fittings will be provided with protective baskets (511 41 01K).*

TUB



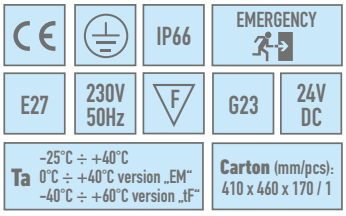


Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description:
The light fitting body and flange are AlSi alloy castings finished with powder paint. The optical cover is made of hardened glass. There are two cable outlets on the light fitting sides. There is electrical equipment and a reflector built inside the light fitting. The light fitting is designed as a through light fitting. When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions:
The emergency light fitting design, type 511 32 01EM, is made in versions for permanent (M) and non-permanent (NM) emergency illumination, with autonomy



To order:



Protective basket 1-99.8535/1



Protective glass 132.5069



Blinding plug PG11/M16



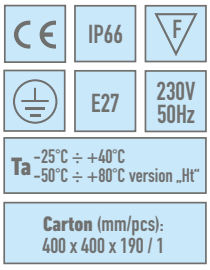
Ballast box BOX 2

Type	Recommended light source [W]	Voltage [V/Hz]	Weight [kg]
511 32 01	Halogen bulb Philips EcoClassic 140	230 / 50	4
	Bulb CLAS 200	230 / 50	4
	Blended lamp HWL 160	230 / 50	4
	*High-pressure mercury discharge lamp HQL 80	230 / 50	4
	*High-pressure mercury discharge lamp HQL 125	230 / 50	4
	Compact fluorescent tube DULUX EL 23	230 / 50	4
511 32 24	Bulb for 24 V DC, 100	24 V DC	4
581 01 01	1 x Compact fluorescent tube DULUX S 9/11	230 / 50	4
581 01 02	2 x compact fluorescent tube DULUX S 9/11	230 / 50	4
511 32 01 EM	Compact fluorescent tube DULUX S 9	230 / 50	5
511 32 01 tF	Halogen bulb Philips EcoClassic 140	230 / 50	4
	Bulb CLAS 200	230 / 50	4
	Blended lamp HWL 160	230 / 50	4

** Light fitting provided with a mercury discharge lamp HQL requires a ballast box type BOX 2.*

TURTLE





Use: Light fitting for the illumination of indoor and outdoor industrial spaces.

Technical description:
The light fitting body and flange are AlSi alloy castings finished with powder paint. The optical cover is made of hardened glass. There are two cable outlets on the light fitting sides. Electrical equipment is installed inside the light fitting. The light fitting is designed as a through light fitting. When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

To order:



Protective basket 1-99.8534 /1



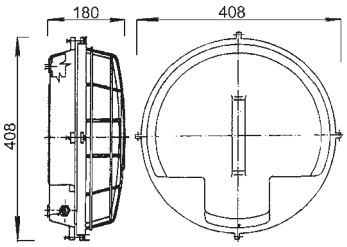
Protective glass 232.5070



Blinding plug PG11/ M16



Ballast box BOX 2

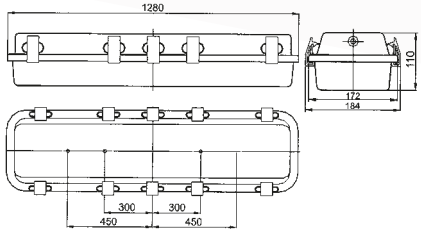


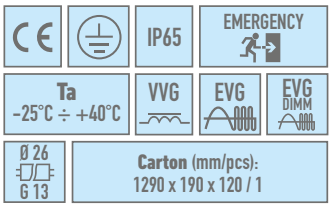
Type	Recommended light source [W]	Voltage [V/Hz]	Weight [kg]
511 33 02	2 x halogen bulb Philips EcoClassic 105	230 / 50	6
	2 x bulb CLAS 200	230 / 50	6
	1 x blended lamp HWL 160	230 / 50	6
	*1 x high-pressure mercury discharge lamp HQL 80	230 / 50	6
	*1 x high-pressure mercury discharge lamp HQL 125	230 / 50	6
	2 x compact fluorescent tube DULUX EL 23	230 / 50	6
511 33 02 Ht	2 x halogen bulb Philips EcoClassic 70	24 V DC	6
	2 x bulb CLAS 100	230 / 50	6

** Light fitting provided with a mercury discharge lamp HQL requires a ballast box type BOX 2.*

PRACHO







Use: Light fitting for the illumination of indoor and outdoor moist, dusty industrial spaces such as halls, warehouses, workshops, corridors and cellars.

Technical description:
The light fitting body is made of steel sheet, the caps are made of stainless steel or plastic. The optical cover is made of prismatic PC. The supporting plate with electrical equipment inside the light fitting is made of steel sheet finished with powder paint. The light fitting is designed as a through light fitting. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the ceiling, wall.

Versions:
The light fittings are made in versions with an electromagnetic ballast (VVG), electronic ballast (EVG), electronic adjustable ballast (EVG DIMM), and emergency unit (EMERGENCY). Type 531 28 20 is designed for emergency illumination with autonomy 2 hours.

To order:


Protective cover
1-99.9617 PC

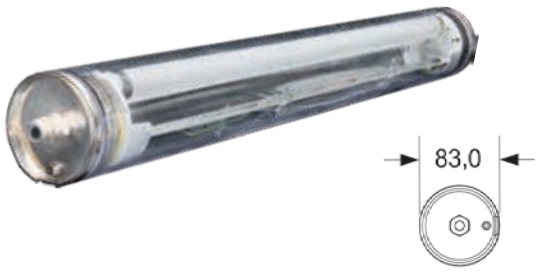

Plastic cap
4-99.10213/1

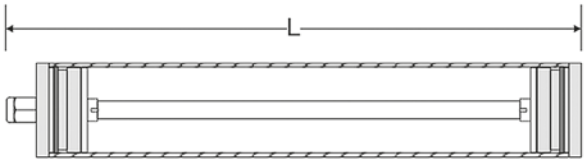

Stainless steel cap
4-99.6188/1

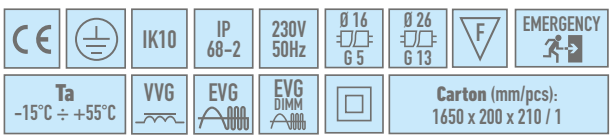
Type	Recommended light source [W]	Light fitting body	Cap	Socket	Weight [kg]
531 28 03 IN	3 x linear fluorescent tube T8 36	Varnished steel sheet	plastic	G13	6
531 28 13	3 x linear fluorescent tube T8 36	Varnished steel sheet	stainless	G13	6
531 28 20	3 x linear fluorescent tube T8 36	Varnished steel sheet	stainless	G13	6
531 28 19	3 x linear fluorescent tube T8 36	Stainless steel sheet	stainless	G13	6
531 41 01 (EP)	2 x linear fluorescent tube T8 36	Varnished steel sheet	plastic	G13	5
531 41 13 (EP)	2 x linear fluorescent tube T8 36	Varnished steel sheet	stainless	G13	5
531 41 19 (EP)	2 x linear fluorescent tube T8 36	Stainless steel sheet	stainless	G13	5

**By adding the letter „K" after the type designation, the light fittings will be equipped with protective basket (531 31 01K).*
**By adding the letters „EP" after the type designation, the light fittings will be equipped with electronic ballasts (531 41 19 EP).*

RESIST







Use: Light fitting for the illumination of indoor and outdoor moist, dusty industrial spaces such as halls, warehouses, workshops, corridors, cellars and garages.

Technical description:
The light fitting body is made up of a polycarbonate tube, thickness 3.5 mm, the end caps are made of nickel-plated steel. The reflector inside the light fitting is made of polished aluminium sheet. Thanks to its high degree of protection IP68, the light fitting can be immersed in water permanently up to a depth of 2 m. The max. cross-section of the connecting conductors is 2.5mm^2.

Installation:
On the ceiling, wall – with clamps, a wire suspension.

Versions:
Light fittings are made in versions with an electromagnetic ballast (VVG), electronic ballast (EVG), electronic adjustable ballast (EVG DIMM), and with an emergency unit (EMERGENCY). Optionally, also an adjusted version for environments with a temperature of +85°C – only for types with T8 fluorescent tubes.

To order:


Steel clamp with rubber coating


Stainless clamp


Wire suspension


2 polycarbonate clamps included in standard delivery

Type	Recommended light source [W]	Length L [mm]	Socket
RESIST-118	1 x linear fluorescent tube T8 18	709	G13
RESIST-136	1 x linear fluorescent tube T8 36	1319	G13
RESIST-158	1 x linear fluorescent tube T8 58	1624	G13
RESIST-218	2 x linear fluorescent tube T8 18	709	G13
RESIST-236	2 x linear fluorescent tube T8 36	1319	G13
RESIST-258	2 x linear fluorescent tube T8 58	1624	G13

VVG (the light fitting will be equipped with an electromagnetic ballast)
EVG (the light fitting will be equipped with an electronic ballast)
EVG DIMM (the light fitting will be equipped with an electronic dimmable ballast)
EMERGENCY (the light fitting will be equipped with an emergency unit)

MERIDIAN/ MERIDIAN AlSi





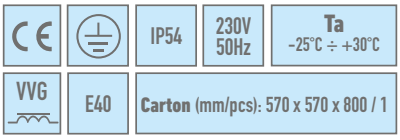
Use: Light fitting for the illumination of industrial spaces such as halls, warehouses, workshops.

Technical description:
The light fitting body is made up of steel mouldings finished with powder paint. Electrical equipment is installed inside. The reflector is made of polished aluminium. The optical cover is made of hardened glass. The max. cross-section of the connecting conductors is 4 mm^2.

Installation:
With a suspension eye, by suspending.

Versions:
Light fittings are made in versions with an electromagnetic ballast (VVG), for high-pressure sodium, halide or mercury discharge lamps.

To order:





Rim with glass and sealing
2-99.6107

Type – MERIDIAN	Recommended light source [W]	Socket	Weight [kg]
541 01 15	High-pressure sodium / halide discharge lamp 150	E40	15
541 01 25	High-pressure sodium discharge lamp 250	E40	15
541 01 26	High-pressure halide discharge lamp 250	E40	15
541 01 27	High-pressure mercury discharge lamp 250	E40	15
541 01 40	High-pressure sodium discharge lamp 400	E40	17
541 01 41	High-pressure halide discharge lamp 400	E40	17
541 01 42	High-pressure mercury discharge lamp 400	E40	17
541 01 50	Bulb CLAS 500	E40	17

Type – MERIDIAN AlSi	Recommended light source [W]	Socket	Weight [kg]
541 04 15 AlSi	High-pressure sodium / halide discharge lamp 150	E40	15
541 04 25 AlSi	High-pressure sodium discharge lamp 250	E40	15
541 04 26 AlSi	High-pressure halide discharge lamp 250	E40	15
541 04 27 AlSi	High-pressure mercury discharge lamp 250	E40	15
541 04 40 AlSi	High-pressure sodium discharge lamp 400	E40	17
541 04 41 AlSi	High-pressure halide discharge lamp 400	E40	17
541 04 42 AlSi	High-pressure mercury discharge lamp 400	E40	17
541 04 50 AlSi	Bulb CLAS 500	E40	17

SACHO



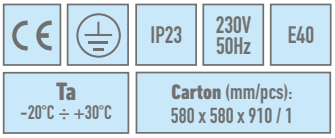
Use: Light fitting for the illumination railroad tracks and railway areas.

Technical description:
The body is made of aluminium alloy. There is electrical equipment and rope holder of the bottom of the touch clutch. The body cover is made of steel sheet metal finished with powder paint. The reflector is made of aluminium sheet.

Installation:
By suspension.

Versions:
The light fittings are made in a version with an electromagnetic ballast (VVG).

To order: The light fitting can be produced with a protective glass.



Type	Recommended light source [W]	Socket	Weight [kg]
449 06 03/ES	High-pressure sodium discharge lamp NAV-400	E40	15,2
449 06 04/ES	High-pressure sodium discharge lamp NAV-250	E40	12,2
449 06 05/ES	High-pressure sodium discharge lamp NAV-150	E40	10,7

SACHO LED

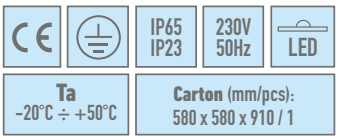


Use: Light fitting for the illumination railroad tracks and railway areas.

Technical description: The body is made of aluminium alloy. There is electrical equipment and rope holder of the bottom of the touch clutch. The body cover is made of steel sheet metal finished with powder paint. The reflector is made of aluminium sheet.

Installation: By suspension.

To order: The light fitting can be produced with a protective glass.



Type	Power input [W] / Luminous flux [lm]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
449 06 04LED/ES	100 / 13 000	120	4500	>80	5,1
449 06 05LED/ES	150 / 19 500	120	4500	>80	8,2
449 06 06LED/ES	200 / 26 000	120	4500	>80	9,1

MACHINE

CE	⏚	IP20	230V 50Hz	Ta ÷ 30°C
E27	**Carton** (mm/pcs): 830 x 425 x 155 / 4			

Use: For the local illumination of the worktops of machine tools and other machines.

Technical description:
The light fitting shade is made of pickled aluminium sheet, the outside is finished with powder paint. The cover is made of aluminium sheet, finished with powder paint and has a built-in switch. The arms of the steel pipes are finished with powder paint. The swivel joint enables the turning and tilting of the light fitting. The fasteners are AlSi alloy castings. The light fitting type 319 04 07 has a clamp and lead-in cable with a plug.



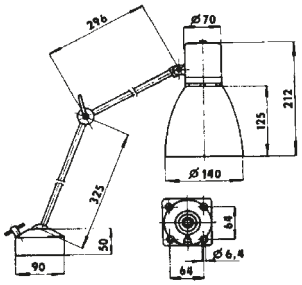
319 18 01

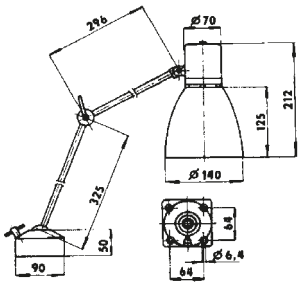


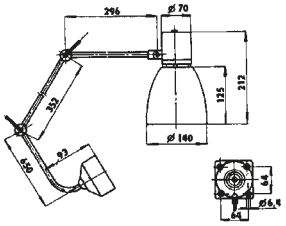
319 04 06



319 04 09





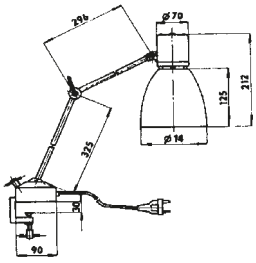


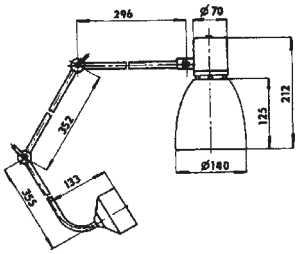


319 04 07



319 04 08





Type	Recommended light source [W]	Part of light fitting	Weight [kg]
319 04 06	Bulb CLAS 60 Halogen bulb 53	Fixing element + 2 arms	1,4
319 04 07		Vice + connecting cable with plug	1,6
319 04 08		Fixing element + 3 arms	1,4
319 04 09		Fixing element + 3 arms	1,3
319 18 01		Fixing element + 2 arms	1,1

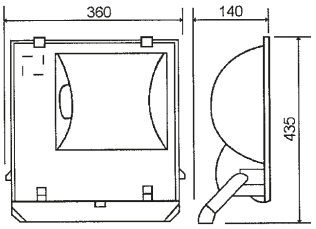
**It is possible to use a LED bulb 4W - 10W.*



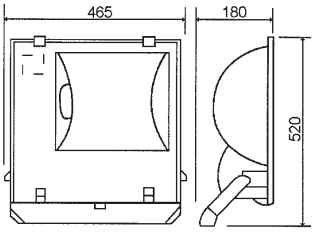
Floodlights

RPG I, II









Use: Light fitting for the illumination of sports facilities, billboards, building facades, public areas as well as industrial spaces.

Technical description:
The light fitting body is an AlSi alloy casting finished with powder paint. The supply cable outlet is at the bottom of the body. The base plate with electrical equipment is fixed inside the light fitting. The symmetrical reflector is made of anodized aluminium sheet. The optical cover is made of hardened glass. The steel holder allows turning the floodlight to the required position. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

Versions:
Light fittings are made in version with an electromagnetic ballast (VVG), for high-pressure sodium or halide discharge lamps.

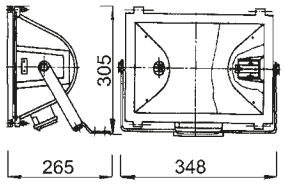
CE | 230V 50Hz | ⏚ | IP65 | E27 E40 | VVG | Ta -25°C ÷ +35°C

Carton (mm/pcs):
RPG I 360 x 435 x 140 / 1
RPG II 465 x 520 x 180 / 1

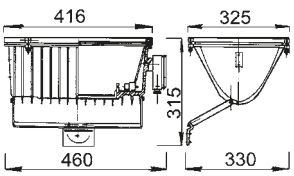
Type	Recommended light source [W]	Socket	Weight [kg]
743 02 70	High-pressure sodium / halide discharge lamp 70	E27	4,5
743 02 10	High-pressure sodium / halide discharge lamp 100	E40	5
743 02 15	High-pressure sodium / halide discharge lamp 150	E40	5
743 03 25	High-pressure sodium / halide discharge lamp 200	E40	9,5
743 03 40	High-pressure sodium / halide discharge lamp 400	E40	11

HALSPOT I, II









CE | 230V 50Hz | ⏚ | IP65 | R7s | Ta -25°C ÷ +40°C

Carton (mm/pcs):
HALSPOT I: 350 X 350 X 200 / 1
HALSPOT II: 460 X 570 X 285 / 1

Use: Light fitting for the illumination of industrial and sports halls, sports areas, stadiums, public areas, ancient monuments, building facades,

Technical description:
The light fitting body is made of AlSi alloy without finish. The connecting box with a terminal board is fixed to the body. The light fitting reflector is made of chemically polished aluminium sheet. Protective hardened glass is mounted in the cover. The steel holder allows turning the floodlight to the required position. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the ceiling, wall or another solid substrate (structure) ensuring firm connection.

To order:



Protective glass cover
432.5008 (HALSPOT I)
432.5035 (HALSPOT II)



Socket 4-99.5822/1
HALSPOT I (length 290 mm)



Socket 4-99.5825/1
HALSPOT II (length 740 mm)

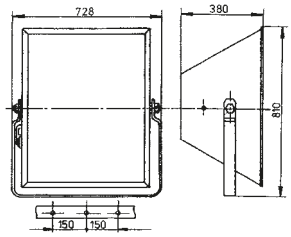


Terminal box
4-99.6028

Type	Recommended light source [W]	Socket	Weight [kg]
723 01 01 (HALSPOT I)	Halogen linear bulb HALOLINE 1000	R7s	7
723 04 02 (HALSPOT II)	Halogen linear bulb HALOLINE 1500	R7s	10

TITAN





Use: For illumination of sports facilities, car parks, ancient monuments, building facades, construction sites, halls and industrial spaces.

Technical description:
The light fitting body and cover are made of steel sheet finished with powder paint. The asymmetrical reflector is made of chemically polished aluminium sheet. The floodlight is provided with a terminal box for a cable ø6 – 9 mm. The optical cover is made of hardened glass. The steel holder allows turning the floodlight to the required position. The max. cross-section of connecting conductors is 2.5 mm^2. The ballast box is not part of the floodlight.

Installation:
On a pole or another solid substrate (structure) ensuring firm connection.

To order:

CE | 230V 50Hz | IP54 | VVG | E40

Ta -25°C ÷ +30°C | Carton (mm/pcs): 850 x 750 x 420 / 1



Ballast box
BOX T



Terminal box
4-99.6028



Socket
3-99.10246

Type	Recommended light source [W]	Socket	Weight [kg]
541 19 01	High-pressure halide discharge lamp 2000 / 400 V	E40	30,5
541 19 02	High-pressure halide discharge lamp 1000 / 230 V	E40	25

Ballast box BOX T



Use: For the operation of high-pressure halide lamps 1000 W and 2000 W, e.g. TITAN floodlight.

Technical description:
The box is made of thermoplastic material. The box is provided with three cable outlets. Two PG 16 outlets for the power supply through the conductor and one PG 13.5 outlet for connecting the light fitting. Due to the passage of a high-voltage pulse from the starter, after connecting the ballast box and the light fitting, a conductor must be used which passes a voltage test of 4.5 kV. The cable between the ballast box and the light fitting may be a max. of 50 m long.

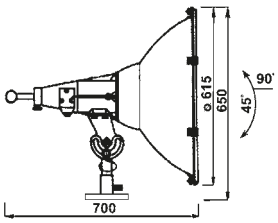
CE | E40 | VVG | 230V 50Hz | 400V 50Hz

IP55 | Ta -25°C ÷ +30°C | Carton (mm/pcs): 350 x 260 x 190 / 1

Type	Recommended light source [W]	Weight [kg]
622.1 ES	High-pressure halide discharge lamp 2000 / 400 V (10,3A)	17
622.2 ES	High-pressure halide discharge lamp 1000 / 230 V	13

SPOT I





CE | 230V 50Hz | ⏚ | IP54 | E40

Ta
-25°C ÷ +45°C for 713 01 02
-25°C ÷ +30°C for 743 01 02, 03

Carton (mm/pcs): 630 x 630 x 580 / 1

Use: Light fitting for the illumination of sports facilities, car parks, ancient monuments, building facades, construction sites as well as industrial spaces.

Technical description:
The light fitting body is an AlSi alloy casting finished with powder paint. The reflector is made of anodized, chemically polished aluminium sheet. The optical cover is made of hardened safety glass. To change the radiation pattern, the light source position is adjustable by means of a drawbar. The holder enables the turning of the floodlight in both the horizontal and vertical position. As a standard, the floodlight is supplied with a base-type holder (weld type to order). The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On the wall, pole or another solid substrate (structure) ensuring firm connection.

To order:


Rim with glass and silicone seal 2-99.7043/2 for bulb sources


Rim with glass and rubber seal 2-99.7043/1 for discharge lamp sources


Base-type holder 4-99.5526 (standard)


Welder-on holder 4-99.6019 (to order)

Type	Recommended light source [W]	Ballast box	Rim– seal - glass	Weight [kg]
713 01 02	Bulb SPC.A T CL 500	-	silicon 2-99.7043/2	10
	Blended lamp 500			
743 01 02	High-pressure mercury discharge lamp 400	1-99.5868	rubber 2-99.7043/1	10
743 01 03	High-pressure sodium discharge lamp 400	1-99.5864	rubber 2-99.7043/1	10
	High-pressure halide discharge lamp 400	1-99.5871		

SPOT II



CE | 230V 50Hz | ⏚ | IP54 | VVG | E40

Ta
-25°C ÷ +35°C

Carton (mm/pcs):
630 x 630 x 550 / 1

Use: Light fitting for the illumination of sports facilities, car parks, ancient monuments, building facades, construction sites, halls as well as industrial spaces.

Technical description:
The light fitting body is an AlSi alloy casting finished with powder paint. The aluminium ballast box with electrical equipment inside is fixed to the body. The reflector is made of anodized, chemically polished aluminium sheet. The optical cover is made of hardened safety glass. To change the radiation pattern, the light source position is adjustable by means of a drawbar. The holder enables turning the floodlight in both the horizontal and vertical position. As a standard, the floodlight is supplied with a base-type holder (weld type to order). The max. cross-section of the connecting conductors is 6 mm^2.

Installation:
On the wall, pole or another solid substrate (structure) ensuring firm connection.

To order:


Rim with glass and rubber seal 2-99.7043/1 for discharge lamp sources

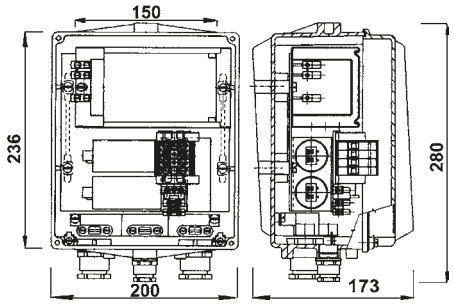

Base-type holder 4-99.5526


Welder-on holder 4-99.6019 (to order)

Type	Recommended light source [W]	Weight [kg]
743 01 05	High-pressure sodium discharge lamp (NAV SUPER) 600	13
743 01 06	High-pressure sodium discharge lamp 400	13
743 01 07	High-pressure sodium discharge lamp 250	13
743 01 08	High-pressure mercury discharge lamp 400	13
743 01 09	High-pressure mercury discharge lamp 250	13
743 01 10	High-pressure halide discharge lamp 400	13

Ballast box BOX 7





Use: For the operation of discharge light fittings and floodlights such as the floodlight SPOT I.

Technical description:
The body and cover are AlSi alloy castings finished with powder paint. Electrical equipment is installed inside. Two P21 outlets are designed for connecting cables, the P13.5 outlet serves for connecting the light fitting. The max. cross-section of the connecting conductors is 6 mm^2. The box is designed as a through box, for the terminal version it is provided with a seal washer. Can be mounted on the wall by means of M6 threads in the body or holder, type 438.2688/1.

CE | 230V 50Hz | ⏚ | IP54 | VVG | E40

Ta -25°C ÷ +35°C

Carton (mm/pcs): 290 x 210 x 180 / 1

Type	Recommended light source [W]	Weight [kg]
1-99.5864	High-pressure sodium discharge lamp 400	8,5
1-99.5865	High-pressure sodium discharge lamp 250	7
1-99.5866	High-pressure sodium discharge lamp 150	7
1-99.5867	High-pressure sodium discharge lamp 100	7
1-99.5868	High-pressure mercury discharge lamp 400	8,5
1-99.5871	High-pressure halide discharge lamp 400	7

References



Stud farm in Kladruby



NAFTAN petrochemical plant in Belarus



Pumping station in Čierna nad Tisou



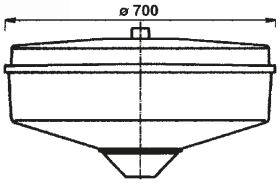
Petrochemical plant in Ramadan v Egypt



Outdoor light fittings

SADOVKA





CE	230V 50Hz	⏚	IP54	E27	E40
VVG	EVG DIMM	Ta −25°C ÷ +30°C			
Carton (mm/pcs): 725 x 725 x 440 / 1					

Use: Light fitting for the illumination of roads, streets, pedestrian zones, parks and other public areas.

Technical description:
The top cover of the light fitting is made of polypropylene filled with glass fibres; the bottom cover is made of opal PMMA. The nut for fixing the top cover is made of silamide. The pedestal consists of a prepreg cone and an AlSi alloy holder for fixing onto a column. The removal base plate with electrical equipment is fixed to the light fitting pedestal. The light fitting is made in brown (H) or grey (S) colour. The light fitting is to be fixed to a column shank ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation: On a column.

Versions:
Light fittings are made in versions with an electromagnetic ballast (VVG), for high-pressure sodium, halide or mercury discharge lamps. Light fittings can also be equipped with electronic adjustable ballasts (EVG DIMM).

To order:



Top cover
242.2587
grey (S) / brown (H)



Bottom cover
242.5024/1
until 1995



Bottom cover
342.2584
since 1995



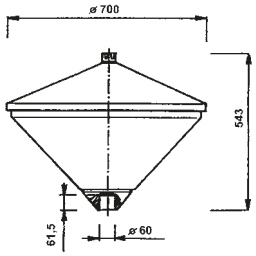
Silamide nut
412.2560

Type	Recommended light source [W]	Electronic ballast dimmable	Weight [kg]
446 05 50	High-pressure sodium discharge lamp 50	-	11
446 05 53	High-pressure sodium discharge lamp 50	Yes	11
446 05 71	High-pressure sodium discharge lamp 70	-	11
	High-pressure halide discharge lamp 70	-	11
446 05 73	High-pressure sodium discharge lamp 70	Yes	10,7
446 05 11	High-pressure sodium discharge lamp 100	-	11
	High-pressure halide discharge lamp 100	-	11
446 05 16	High-pressure sodium discharge lamp 150	-	12
	High-pressure halide discharge lamp 150	-	12
446 05 26	High-pressure mercury discharge lamp 125	-	11
446 05 25	High-pressure mercury discharge lamp 250	-	11

**It is possible to use a LED bulb 8W - 90W.*

KUZEL





CE	230V 50Hz	⏚	IP54	E27	E40
VVG	EVG DIMM	Ta −25°C ÷ +30°C			
Carton (mm/pcs): 705 x 705 x 550 / 1					

Use: Light fitting for the illumination of pedestrian zones, parks, orchards and other public areas.

Technical description: The top cover of the light fitting is made of prepreg, the bottom cover is made of opal PMMA. The nut for fixing the top cover is made of silamide. The pedestal is made up of a prepreg cone and an AlSi allow holder for fixing onto a column. The removal base plate with electrical equipment is fixed to the light fitting pedestal. The light fitting is to be fixed to a column shank ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation: On a column.

Versions:
Light fittings are made in versions with an electromagnetic ballast (VVG), for high-pressure sodium, halide or mercury discharge lamps. Light fittings can be also equipped with electronic adjustable ballasts (EVG DIMM).

To order:



Bottom cover
342.2554



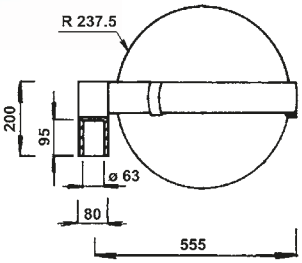
Silamide nut
412.2560

Type	Recommended light source [W]	Electronic ballast dimmable	Weight [kg]
446 27 05	High-pressure sodium discharge lamp 50	-	13
446 27 53	High-pressure sodium discharge lamp 50	Yes	13
446 27 07	High-pressure sodium/halide discharge lamp 70	-	13
446 27 73	High-pressure sodium discharge lamp 70	Yes	13
446 27 09	High-pressure sodium/halide discharge lamp 100	-	13
446 27 01	High-pressure mercury discharge lamp 80	-	13
446 27 03	High-pressure mercury discharge lamp 125	-	13

**It is possible to use a LED bulb 8W-20W.*

KOULE A





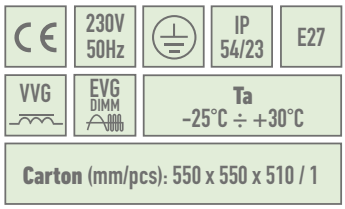
Use: Light fitting for the decorative light fitting of pedestrian zones, parks, orchards and other public areas.

Technical description:
The light fitting consists of a carrier and body (AlSi castings) connected with screws and two semi-spherical covers. A prepreg decorative strip is fixed to the body from the outside and electrical equipment from the inside. The top cover is firmly screwed to the body, the bottom cover is fixed with PC caps. The light fitting is made in green (Z) or grey (S) colour. The light fitting is to be fixed to a column shank ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation: On a column.

Versions:
The light fittings are made in a version with an electromagnetic ballast (VVG), for high-pressure sodium or halide discharge lamps. The light fittings can also be equipped with electronic adjustable ballasts (EVG DIMM). Type 446 16 xx – both covers made of opal PMMA, the luminous flux is non-directional. Type 446 17 xx – the top cover is made of prepreg, the bottom cover of clear PMMA, luminous flux is directed by a symmetrical reflector.

To order:





Bottom cover clear
042.5549/1

Bottom cover opal
042.5550/1



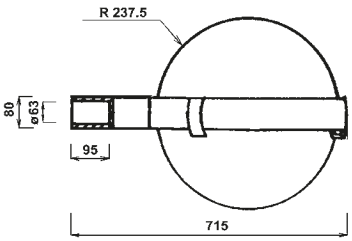
PC cap
317.5016/1

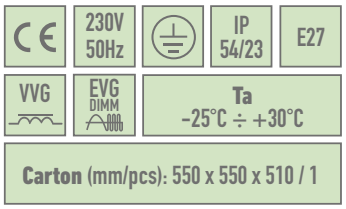
Type	Recommended light source [W]	Electronic ballast dimmable	Weight [kg]
446 16 01	High-pressure sodium discharge lamp 50	-	8
446 16 02	High-pressure sodium/halide discharge lamp 70	-	9
446 17 01	High-pressure sodium discharge lamp 50	-	8
446 17 02	High-pressure sodium/halide discharge lamp 70	-	9

**It is possible to use a LED bulb 8W - 10W.*

KOULE B







Use: Light fitting for the decorative light fitting of pedestrian zones, parks, orchards and other public areas.

Technical description:
The light fitting consists of a carrier and body (AlSi castings) connected with screws and two semi-spherical covers. A prepreg decorative strip is fixed to the body from the outside and electrical equipment from the inside. The top cover is firmly screwed to the body, the bottom cover is fixed with PC caps. The light fitting is made in green (Z) or grey (S) colour. The light fitting is to be fixed to a column boom ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm².

Versions:
Light fittings are made in a version with an electromagnetic ballast (VVG), for high-pressure sodium or halide discharge lamps. Light fittings can be also equipped with electronic adjustable ballasts (EVG DIMM). Type 446 19 xx – both covers made of opal PMMA, the luminous flux is non-directional. Type 446 20 xx – the top cover is made of prepreg, the bottom cover of clear PMMA, luminous flux is directed by a symmetrical reflector.

To order:


Bottom cover clear
042.5549/1

Bottom cover opal
042.5550/1


PC cap
317.5016/1


Fastener 2-arm
2-99.9267


Fastener 3-arm
2-99.9268

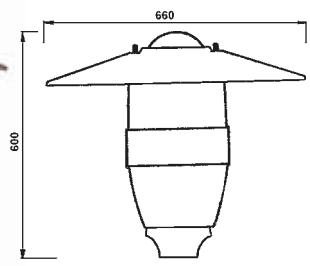

Fastener 4-arm
2-99.9269

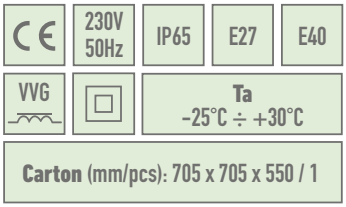
Type	Recommended light source [W]	Electronic ballast dimmable	Weight [kg]
446 19 01	High-pressure sodium discharge lamp 50	-	8
446 19 02	High-pressure sodium/halide discharge lamp 70	-	9
446 20 01	High-pressure mercury discharge lamp 50	-	8
446 20 02	High-pressure mercury discharge lamp 70	-	9

**It is possible to use a LED bulb 8W - 10W.*

AURIS







Use: Light fitting for the illumination of pedestrian zones, parks, orchards and other public areas.

Technical description:
The light fitting body and top cover are made of plastic. The optical cover is made of opal or clear PC. The removal base plate with electrical equipment is fixed to the top cover of the light fitting. The light fitting is to be fixed to a column shank ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm².

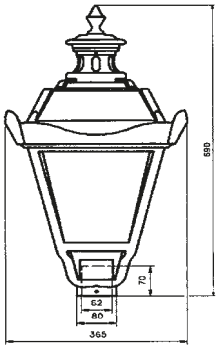
To order:
Cover PMMA.

Type	Recommended light source [W]	Weight [kg]
446 37 50	High-pressure sodium discharge lamp 50	4,1
446 37 70	High-pressure sodium/halide discharge lamp 70	4,3
446 37 10	High-pressure sodium/halide discharge lamp 100	4,5
446 37 80	High-pressure mercury discharge lamp 80	3,8
446 37 12	High-pressure mercury discharge lamp 125	4,1

**It is possible to use a LED bulb 8W - 20W.*

LUCERNA





Use: Light fitting for the illumination of pedestrian zones, parks, orchards and other public areas.

Technical description:
The light fitting body and top cover are made of plastic. The optical cover is made of opal or clear PC. The removal base plate with electrical equipment is fixed to the top cover of the light fitting. The light fitting is to be fixed to a column shank ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm².

Installation:
The light fitting is to be fixed to a column shank Ø60 mm. The max. cross-section of the connecting conductors is 2,5mm².

To order:


Boom KR on the wall


Fastener S2


Fastener S3

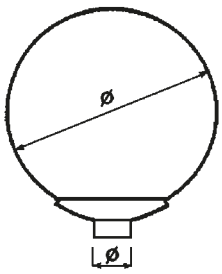

Fastener S3

CE	230V 50Hz	IP65	E27
VVG		Ta -25°C ÷ +30°C	
Carton (mm/pcs): 380 x 380 x 580 / 1			

Type	Recommended light source [W]	Weight [kg]
446 60 15	Bulb (halogenid) max. 150	4,2
446 60 70	High-pressure sodium/halide discharge lamp 70	5,6
446 60 80	High-pressure mercury discharge lamp 80	5,2
446 60 12	High-pressure mercury discharge lamp 125	5,3

OPAL





Use: Light fitting for the illumination of pedestrian zones, parks, orchards and other public areas.

Technical description:
The light fitting body is a PC moulding. The optical cover is made up of an opal PMMA moulding ø450 mm. The removal base plate with electrical equipment is fixed to the light fitting body by a three-point bayonet. The light fitting is to be fixed to a column shank ø60 mm. The max. cross-section of the connecting conductors is 2.5 mm².

To order:
Stainless steel grille, opal cover, prismatic, clear or with top silver paint.


Opal cover

CE	230V 50Hz	IP65	E27	E40
VVG		Ta -25°C ÷ +30°C		
Carton (mm/pcs): 550 x 550 x 550 / 1				

Type	Recommended light source [W]	Electronic ballast dimmable	Weight [kg]
446 36 50	High-pressure sodium discharge lamp 50	-	3,8
446 36 70	High-pressure sodium/halide discharge lamp 70	-	4,1
446 36 73	High-pressure sodium discharge lamp 70	Yes	3,5
446 36 10	High-pressure sodium/halide discharge lamp 100	-	4,3
446 36 80	High-pressure mercury discharge lamp 80	-	3,6
446 36 12	High-pressure mercury discharge lamp 125	-	3,8

**It is possible to use a LED bulb 8W - 20W.*

RAMINKO



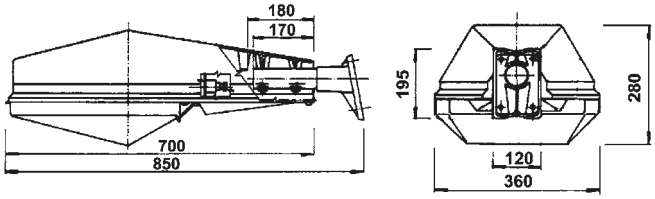
Use: Light fitting for the illumination of roads, parks, car parks, public areas as well as industrial spaces.

Technical description:
The light fitting body is made of prepreg. The optical cover is made of PMMA. The reflector is made of polished or anodized aluminium sheet. Electrical equipment with a 2 A fuse is fixed into the light fitting body. The max. cross-section of the connecting conductors is 2.5 mm^2.

Installation:
On a column with a boom.

To order:

CE	230V 50Hz	⏚	IP 43/23	E27
VVG	Ta -25°C ÷ +30°C			
Carton (mm/pcs): 690 x 360 x 290 / 1				





Clear cover
4-99.8105/1



Boom
2-99.5581/1



Boom on the wall
3-99.10222



Boom on concrete
column 4-99.10230



Fastener on column
shank 3-99.6026



Wall holder
MACH 60



Fastener
JET 60-60-90



Boom UDŠ 300,
UDŠ 500, UDŠ 1000,
UDŠ 1500, UDŠ 2000



Reduction
76 - 60



Boom UDŠ 300 R
Boom UDŠ 500 R

Type	Recommended light source [W]	Weight [kg]
444 19 70	High-pressure sodium discharge lamp 70	7,5
	High-pressure halide discharge lamp 70	7,5
444 19 71	High-pressure mercury discharge lamp 80	7
444 19 72	High-pressure mercury discharge lamp 125	7,5

Type	Reflector 164.5504 chem. polished	Reflector 164.2540 anodized	Holder 2-99.5581	Seal 451.2674
444 19 70	+	-	+	+
444 19 71	+	-	+	+
444 19 72	+	-	+	+
444 19 70 A	-	+	+	+
444 19 70 C	+	-	-	-
444 19 71 C	+	-	-	-
444 19 72 C	+	-	-	-
444 19 70 D	-	+	-	-
444 19 71 D	-	+	-	-
444 19 72 D	-	+	-	-

**It is possible to use a LED bulb 8W - 20W.*

Key - symbols used

Marking of equipment of use in potentionally explosive atmosphere

EU conformity certificate

LED light source

Certification of equipment intended for use in potentially explosive atmospheres in the EU

Degree of protection

Degree of protection I

Degree of protection II

Rated max. ambient temperature (°C)

Working alternating current voltage

Working direct-current voltage

Packing (carton, dimensions number of pcs)

Lamp requires ignitor

Eletromagnetic ballast

Electronic ballast

Dimmable electronic ballast

Spare parts and accessories



Bottom cover clear
KOULE A, KOULE B
042.5549/1

Bottom cover opal
KOULE A, KOULE B
042.5550/1

Upper cover opal
KOULE A, KOULE B
1-99.9266/1



Protective basket
MINEX II, SIRIUS,
HERKULES
1-99.5856



Protective basket
TRILUX
1-99.5984/1



Protective basket
BILUX, SAFELUX,
MULTISAFE
1-99.5992/1



Protective basket
TURTLE
1-99.8534/1



Protective basket TUB
1-99.8535/1



Protective cover
PRACHO - PMMA
1-99.9617 PC



Protective cover
PRACHO, LINEX - PC
142.5511/2



Protective glass BILUX,
TUB, SAFELUX,
MULTISAFE
132.5069



Al shade
MINEX II, SIRIUS,
HERKULES
154.5041/02



Protective cover plastic
FARMER I, II, III
182.5005



Protective cover PC
FARMER I, II, III
182.2540



Blinding screw
V-Ms-VMQ-Ex (pro F)
M25x1,5 - ORION, SIRIUS



Blinding screw
V-Ms-VMQ-Ex (pro F)
M20x1,5 - HERKULES



Springy suspension
SIMPLEX
2-99.5550



Bracket Ø 60mm
RAMINKO, CITY,
STREET 2-99.5581/1



Flange with glass SIRIUS,
HERKULES (stand. t., K)
2-99.5862/1



Flange with glass SIRIUS,
HERKULES (verze F, KF)
2-99.5862F/1



Flange with glass
MINEX II
2-99.5917



Circleborder + glass +
sealing MERIDIAN
2-99.6107



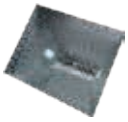
Circleborder+glass+
sealing (rubber seal)
SPOT I, SPOT II
2-99.7043/1



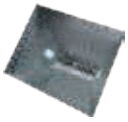
Circleborder+glass+sealing
(silicone seal) SPOT I
2-997043/2



Protective basket
MINEX I, ORION
2-99.7461



Reflector
HALSPOT I (723 01 01)
2-99.7126



Reflector
HALSPOT II (723 04 02)
2-99.7603



Fixing element: 2-arm
KOULE B
2-99.9267



Fixing element:
3-arm KOULE B
2-99.9268



Fixing element:
4-arm KOULE B
2-99.9269



Protective glass
FARMER I, II, III
232.5068/1



Protective glass
TRILUX, TURTLE
232.5070



Upper cover (H or S)
SADOVKA
242.2587



Lower cover
until 1995 SADOVKA
242.5024/1



Lower cover
since 1995 SADOVKA
342.2584



Al shade SIMPLEX,
MINEX I, ORION
254.5021/01



Bracket Ø 60mm RAMÍNKO,
CITY, STREET
3-99.10222



Lampholder TITAN
3-99.10246



Flange with
glass ORION
3-99.5722/1



Flange with glass
MINEX I
3-99.5741/1

Fixing element Ø 60mm
RAMINKO, STREET
3-99.6026

Key M 205x2
MINEX I, ORION
3-99.6158/1



Key M 205x2
MINEX II, SIRIUS
3-99. 6159



Flange cable gland
MINEX I, MINEX II
3-996170/1



Plastic clamp
KOULE A, KOULE B
317.5016/1



Protective glass
SIMPLEX
332.5018



Lower cover
KUZEL
342.2554



Plastic clamp PRACHO
4-99.10213/1



Stainless steel clamp
LINEX, PRACHO
4-99.6188/1



Bracket Ø 60mm RAMINKO,
CITY, STREET 4-99.10230



Protective cover
541 16 xx
4-99.5501



Lampholder + condustor
290 mm HALSPOT I
4-99.5822/1



Lampholder + condustor
290 mm HALSPOT I
(with isolation)
4-99.5822/1a



Lampholder + condustor
780mm HALSPOT II
4-99.5825/1



Lampholder + condustor
780mm HALSPOT II
(with isolation)
4-99.5825/1a



Base holder
SPOT I, SPOT II
4-99.5526



Welder-on holder
SPOT I, SPOT II
4-99.6019



Connection box TITAN,
HALSPOT I, HALSPOT II
4-99.6028



Ceiling suspension
SIMPLEX, ORION
4-99.7995



Ceiling suspension
MINEX I
4-99.8103



Cover RAMINKO
4-99.8105/1



Metal clip - steel
FARMER I, II, III
4-99.8470/01



Metal clip - stainless steel
FARMER I, II, III
4-99.6180/01



Protective cover
446 10 xx
4-99.9012/1



Construction spanner
M5A
401.A



Construction spanner
M8
402



Construction spanner
M12 (BOX 1)
404



Silamid nut
SADOVKA, KUZEL
412.2560



Protective glass
HALSPOT I
32.5008



Protective glass
HALSPOT II
432.5035



Blinding plug 16
MINEX I, MINEX II, BOX 1
547.2540/1



Cable gland
HSK-K-Ex M25x1,5
ORION, SIRIUS



Cable gland
HSK-K-Ex M20x1,5
HERKULES



Blinding plug
V-Ex M25x1,5
ORION, SIRIUS



Blinding plug
V-Ex M20x1,5
HERKULES



Protective basket
SIMPLEX
2-99.6195



Bracket Ø 60mm JET
60-60-90



Reduction Ø 76/60 mm,
Redukce 76-60



Fixing arm
S 2 - sloup S



Fixing arm
P 2 - sloup SP



Nut of cable gland
GM-FS BILUX, TRILUX,
SAFELUX



Bracket Ø 60 mm
MACH 60

Holder HERKULES
3-99.6183

Bracket on wall KR
LUCERNA

Fixing arm
S 3 - sloup S

Fixing arm
P 3 - sloup SP

Nut of cable gland
GM - Ms BILUX, TRILUX

Bracket Ø60 mm -
UDS 300, UDS 500,
UDS 1000, UDS 1500,
UDS 2500

Bracket ORION,
MINEX I, MINEX II
338.2735

Fixing arm S 1 -
sloup S

Fixing arm
P 1 - sloup SP

Fixing arm
S 3+1 - sloup S

Fixing arm
P 3+1 - sloup SP

Cable gland
HSK-M-PVDF-Ex
Trilux

Bracket Ø 60mm
UDS 300 R,
UDS 500 R

Cable gland
HSK-M-Ex
BILUX, TRILUX

Terminal block TB-1, pole S,
pole SP, illuminative poles
SAM, SAP

Protective basket steel
FARMER I, II, III
1-99.6248

Rejstřík všech svítidel

Type	Model	Purpose	Page
1-99.5864	**BOX 7**	**ballast box for floodlights**	**43**
1-99.5865	BOX 7	ballast box for floodlights	43
1-99.5866	BOX 7	ballast box for floodlights	43
1-99.5867	BOX 7	ballast box for floodlights	43
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