

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



TECHNICAL DESCRIPTION

The body and flange of the light fitting are AlSi alloy castings finished with RAL 5012 powder paint. The optical cover is made of tempered glass. A steel suspension with eyes 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 mm². The light fitting is produced with plastic cable gland as standard, metal gland is available on request.

INSTALLATION

With steel suspensions with eyes $\varnothing 16$ mm.

VERSIONS

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

DRIVER FUNCTIONS

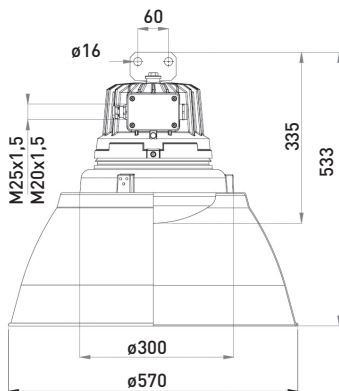
e CLO, ITG, IVG+, NFC, ETM+NTC, inputDIM

LIFETIME

100.000 hours, L90B10

CONTROL

DALI-2



			IP66	ATEX 2014/34/EU
50 Hz	198 - 264V AC	T_a -40°C ÷ +50°C - 591 46 01 -40°C ÷ +55°C - 591 46 02 -40°C ÷ +60°C - 591 46 03		
60 Hz	176 - 280V DC			
Carton (mm/pcs) 350 x 350 x 340 / 1				

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 46 01 (K)	100 / 15025	150	120	4000, 5000, 5700, 6500	>80	15
591 46 02 (K)	75 / 11475	153	120	4000, 5000, 5700, 6500	>80	15
591 46 03 (K)	65 / 9750	150	120	4000, 5000, 5700, 6500	>80	14

*By adding letter „K” behind type designation, light fittings will be provided with protective steel baskets (591 46 01K).

MAXIMUM CIRCUIT BREAKER LOAD AND NUMBER OF LUMINAIRES CONNECTED IN SERIES (half load for types 591 46 01, 591 46 02)

Circuit breaker	C10	C13	C16	C20	B10	B13	B16	B20
Amount of luminaires max	10	13	17	22	6	8	10	13
Conductor cross-section	1,5	1,5	2,5	4	1,5	1,5	2,5	4

Starting current I _{max}	time
41.6A	238us

* Actual values may vary due to the types of circuit breakers used and the installation environment.

TO ORDER



Shade
254.5021/01



Protective basket
2-99.6325



Holder for mounting
on the ceiling
4-99.7995



Holder for mounting
on the wall
338.2735



Key
3-99.6159