

# TUB LED

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 a 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<sup>2</sup>. The light fitting is produced with plastic cable glands as a standard, metal cable glands are available on request.

### INSTALLATION

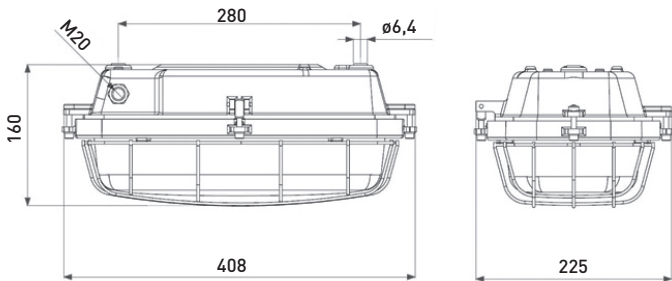
On the ceiling, wall.

### VERSIONS

The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3kV. Light fittings, type 591 34 01EM, are made in versions for permanent (M) and non-permanent (NM) emergency illumination, with autonomy 3 hours. The luminaire 591 34 24 is powered by a 9-60V DC power supply.

### LIFETIME

50.000 hours, L80B20



CE	LED	IP66	F	EMERGENCY
198 - 264V AC 176 - 276V DC 9-60V DC of 591 34 24 230V AC of „EM“			Ta -30°C ÷ +40°C +5°C ÷ +40°C „EM“ -25°C ÷ +45°C of 591 34 24	
Carton (mm/pcs) 415 x 235 x 210 / 1				

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 34 01	27 / 3426	126	120	4000, 5000, 5700, 6500	>80	6
591 34 02	19 / 2466	130	120	4000, 5000, 5700, 6500	>80	6
591 34 24	12 / 1446	120	120	4000, 5000, 5700, 6500	>80	6

Type	Power input [W] / Luminous flux [lm]	Light source	Version	Autonomy [h]	Weight [kg]
591 34 01 EM	10 / 300	3x LED	M/NM	3	4,9
591 34 02 EM	17 / 937	10x LED	M/NM	3	4,9

### MAXIMUM CIRCUIT BREAKER LOAD AND NUMBER OF LUMINAIRES CONNECTED IN SERIES

Circuit breaker	B16	Starting current I <sub>max</sub>	time
Amount of luminaires max	50	5A	50us
Conductor cross-section	2,5		

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

### TO ORDER



Glass cover  
132.5069



Protective basket  
1-99.5992/1



Cable gland plastic  
M20x1,5



Cable gland metal  
M20x1,5



Blinding plug  
M20x1,5

# LUMINAIRES CONFIGURATOR

Applies to a group of luminaires **BILUX LED, TRILUX LED, TUB LED, TUB LED PRO, TURTLE LED, TURTLE LED PRO**

## 591 34 01PRO 1 - 1D 2 - 30 3 - 11 4 - M20 5 - 4K 6

### 1 Type

1
1D
2

30
40
50

10
11

M20
M25
P20
P25
Q20
Q25

4K
5K
5K7
6K
6K5

### 2 Driver

1 - TRIDONIC  
1D - TRIDONIC with DALI II  
2 - TCI

### 3 Wiring

30 - single 3-pole terminal → 

3	0
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40 - single 4-pole terminal → 

4	0
---	---

  
50 - single 5-pole terminal → 

5	0
---	---

### 4 Cable inlets - quantity

1 - one cable inlet on the side of the housing → 

1	0
---	---

  
11 - one cable inlet on both sides of the housing → 

1	1
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### 5 Type of cable inlets

M20 - METAL, 6 mm - 13 mm  
M25 - METAL, 9 mm - 17 mm  
P20 - PLASTIC, 6 mm - 13 mm  
P25 - PLASTIC, 9 mm - 17 mm  
Q20 - PLASTIC 6 mm - 13 mm QUICK CONNECTOR - 3 POLE  
Q25 - PLASTIC 9 mm - 17 mm QUICK CONNECTOR - 5 POLE

### 6 Colour temperature

4K - 4000 K  
5K - 5000 K  
5K7 - 5700 K  
6K - 6000 K  
6K5 - 6500 K