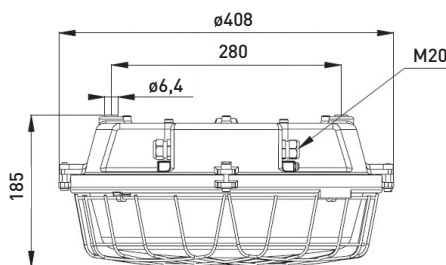


# TURTLE LED PRO

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 gland as standard, metal gland is available on request.

## INSTALLATION

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

## VERSIONS

The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 10 kV. The emergency version of the light fittings for permanent (M) and non-permanent (NM) emergency illumination with autonomy of 1 hour.

## DRIVER FUNCTIONS

eCLO, ITG, IVG+, Power-up fading

## LIFETIME

100.000 hours, L90B10

## CONTROL

DALI-2

Type	Power input [W] / Luminous flux [lm]	Version	Autonomy [h]	Weight [kg]
591 35 01 PRO EM	55 / 6473	M / NM	1	8
591 35 02 PRO EM	35 / 4039	M / NM	1	8
591 35 03 PRO EM	25 / 2709	M / NM	1	8

CE	LED	EMERGENCY	198 - 264V AC 176 - 280V DC
IP66	F	Ta -40°C ÷ +50°C 591 35 01 PRO -40°C ÷ +55°C 591 35 02 PRO -40°C ÷ +60°C 591 35 03 PRO	
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 PRO	50 / 6980	140	120	4000, 5000, 5700, 6500	>80	8
591 35 02 PRO	30 / 4613	148	120	4000, 5000, 5700, 6500	>80	8
591 35 03 PRO	20 / 3020	146	120	4000, 5000, 5700, 6500	>80	8

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

Circuit breaker	C10	C13	C16	C20	B10	B13	B16	B20
Amount of luminaires max	10	13	16	21	6	8	10	13
Conductor cross-section	1,5	1,5	2,5	4	1,5	1,5	2,5	4

Starting current I <sub>max</sub>	time
32A	355us

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

## TO ORDER



Transparent glass cover  
232.5070



Protective basket  
1-99.8534/1



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
---	---

  
 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
---	---

 ←

### 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