

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 mm². The light fitting is produced with plastic cable glands as a standard, metal cable glands are available on request.

INSTALLATION

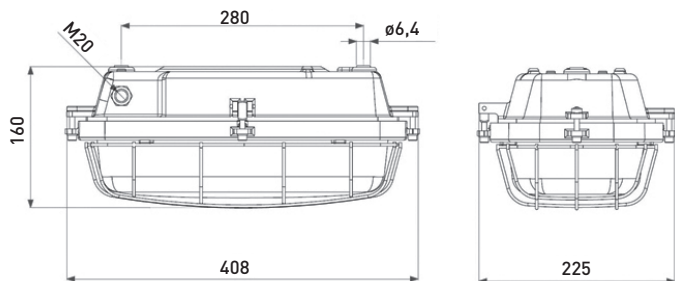
On the ceiling, wall.

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 _{max}	time
Amount of luminaires max	50		
Conductor cross-section	2,5	5A	50us

* 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

TUB 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 mm². 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 10kV.

LIFETIME

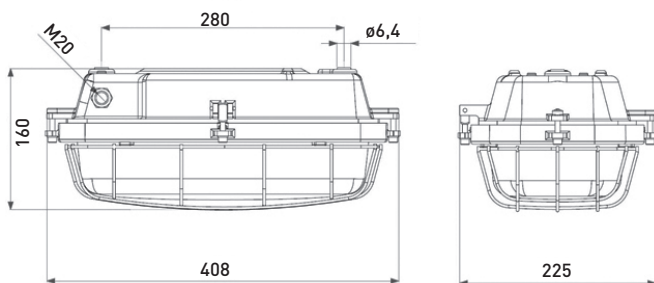
100.000 hours, L90B10

DRIVER FUNCTIONS

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

CONTROL

DALI-2



CE	LED	IP66	F
198 - 264V AC 176 - 276V DC		Ta -40°C ÷ +50°C	
Carton (mm/pcs) 410 x 460 x 170 / 2			

Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 34 01 PRO	30 / 4113	138	120	4000, 5000, 5700, 6500	>80	6
591 34 02 PRO	20 / 2921	144	120	4000, 5000, 5700, 6500	>80	6

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	20	26	33	43	12	16	20	26
Conductor cross-section	1,5	1,5	2,5	4	1,5	1,5	2,5	4

Starting current Imax	time
24.88A	236us

* 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
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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
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4 Cable inlets - quantity

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

1	0
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 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