

# HALSPOT I LED

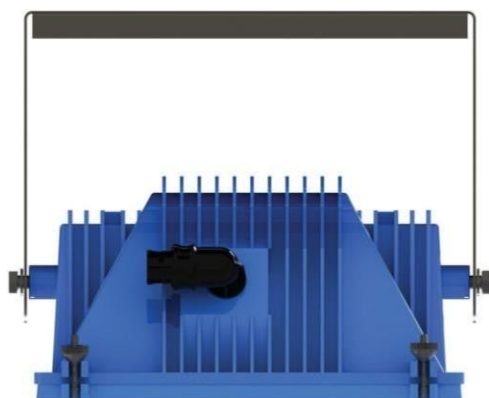
INDUSTRY LUMINAIRES

Luminaire for lighting industrial and sports halls, sports areas, stadiums, public spaces, historic buildings, building facades, advertising billboards, construction sites, parking lots, etc.



## TECHNICAL DESCRIPTION

The light fitting body and flange are AISi castings finished with powder paint. Optical cover is from tempered glass. There is one cable outlet on the back of the light fixture (quick connector). There is a LED module built inside the light fitting. The bracket allows the spotlight to be adjusted to the desired position. The maximum cross-section of the connecting conductors is 2.5 mm<sup>2</sup>. The luminaire is manufactured as standard with a plastic cable gland and 4000K.



## INSTALLATION

On the ceiling, wall

## VERSION

The light fittings are provided with a self-resetting thermal fuse and a surge guard up to 10kV.

## DRIVER FUNCTION

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

## LIFETIME

100.000 hodin, L90B10

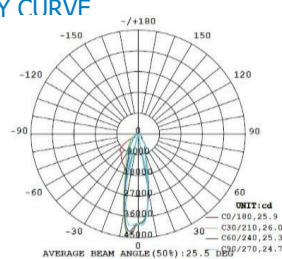
## CONTROL

DALI-2

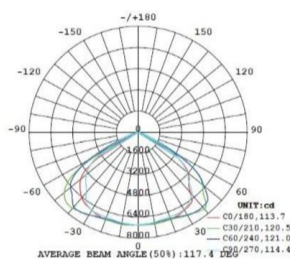
|                                  |       |  |
|----------------------------------|-------|--|
| CE                               | LED   | 198 - 264V AC  |
|                                  |       | 176 - 280V DC  |
| IP66                             | 50 Hz | Ta<br>-40°C ÷ +55°C - 793 01 01<br>-40°C ÷ +60°C - 793 01 02, 03 |
|                                  | 60 Hz |  |
| Box (mm/pcs) 350 x 350 x 200 / 1 |       |  |

| Type      | Power input [W] / Luminous flux [lm] | Luminous efficiency [lm/W] | Angle of beam [°]     | Colour temperature [K] | CRI | Weight [kg] |
|-----------|--------------------------------------|----------------------------|-----------------------|------------------------|-----|-------------|
| 793 01 01 | 100 / 14 000                         | 140                        | 120 / 60 / Asymmetric | 4000, 5000, 5700, 6500 | >80 | 8           |
| 793 01 02 | 75 / 10 730                          | 143                        | 120 / 60 / Asymmetric | 4000, 5000, 5700, 6500 | >80 | 8           |
| 793 01 03 | 50 / 7 250                           | 145                        | 120 / 60 / Asymmetric | 4000, 5000, 5700, 6500 | >80 | 8           |

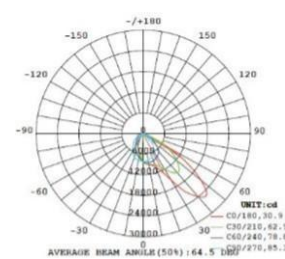
## LUMINOUS EFFICIENCY CURVE



Symmetrical - narrow



Symmetrical- wide



Asymmetrical

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

| Circuit breaker              | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Number of light fixtures max | 5   | 7   | 8   | 10  | 3   | 4   | 5   | 6   |
| Conductor cross-section      | 1,5 | 1,5 | 2,5 | 4   | 1,5 | 1,5 | 2,5 | 4   |

| Inrush current Imax | time  |
|---------------------|-------|
| 65A                 | 268us |

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

Platí pro skupinu svítidel HALSPOT LED

**793 04 01 -1D -30 -10 -M20 -4K -O0**

### 1 Typové označení svítidla

1  
1D  
2

### 2 Driver

1 - TRIDONIC  
1D - TRIDONIC s řízením DALI II  
2 - TCI

30  
40  
50  
60  
70

10  
11

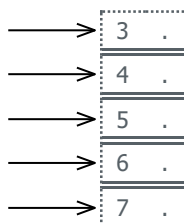
M20  
M25  
P20  
P25  
Q20  
Q25

4K  
5K  
5K7  
6K  
6K5

O0  
O1  
O2  
O3

### 3 Typ připojení kabelů

30 - single 3-polová svorkovnice  
40 - single 4-polová svorkovnice  
50 - single 5-polová svorkovnice  
60 - single 6-polová svorkovnice  
70 - single 7-polová svorkovnice



### 4 Počet vývodek

10 - jedna vývodka na jedné straně svítidla

1 0

### 5 Typ vývodek

M20 - KOV, 6 mm - 13 mm, kabel 0,5 m  
M25 - KOV, 9 mm - 17 mm, kabel 0,5 m  
P20 - PLAST, 6 mm - 13 mm, kabel 0,5 m  
P25 - PLAST, 9 mm - 17 mm, kabel 0,5 m  
Q20 - PLAST 6 mm - 13 mm QUICK CONNECTOR- 3 PÓLOVÝ  
Q25 - PLAST 9 mm - 17 mm QUICK CONNECTOR -5 PÓLOVÝ

### 6 Teplota chromatičnosti

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

### 7 Optika

O0 - BEZ OPTIKY 120deg DIFUZNÍ KŘIVKA  
O1 - SYMETRICKÁ ÚZKÁ 25 deg  
O2 - SYMETRICKÁ ŠIROKÁ 120 deg  
O3 - ASYMETRICKÁ

**Optiky lze použít jen u typů: 793 01 03 (75W) a 793 01 04 (50W)!**