Agorà

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Product configuration: N458
N458: Spotlight with bracket - Warm White LED - Integrated Ballast - Spot optic - Ta 40°

Product code
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Technical description
Spotlight designed to use LED lamps and a Spot optic. Consists of a die-cast aluminium optical assembly, bracket and box for the ballast with a clear tempered sodium-calcium safety glass cover. The luminaire is fitted with a double cable gland for pass-through wiring. The optical assembly can be adjusted on a horizontal plane at an angle between -50° / +90°. Agorà is fitted with a graduated scale and mechanical locking device for positioning. The Opti Beam Lens optical system comes complete with a Warm White monochrome LED circuit. The electronic DALI ballast is integrated in the product and compatible with remote management systems. Compatible with programming systems via DALI terminals or an NFC system. Both indoor (diffuser glass covers, lamellar louvers and refractors for elliptical light) and outdoor accessories (cylindrical screens, visors and protective grilles) can be used. All external screws used are made of A2 stainless steel.

Installation
Floor, ceiling or wall-mounted installation.

Colour	**Weight (Kg)**
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	9.35

Wiring
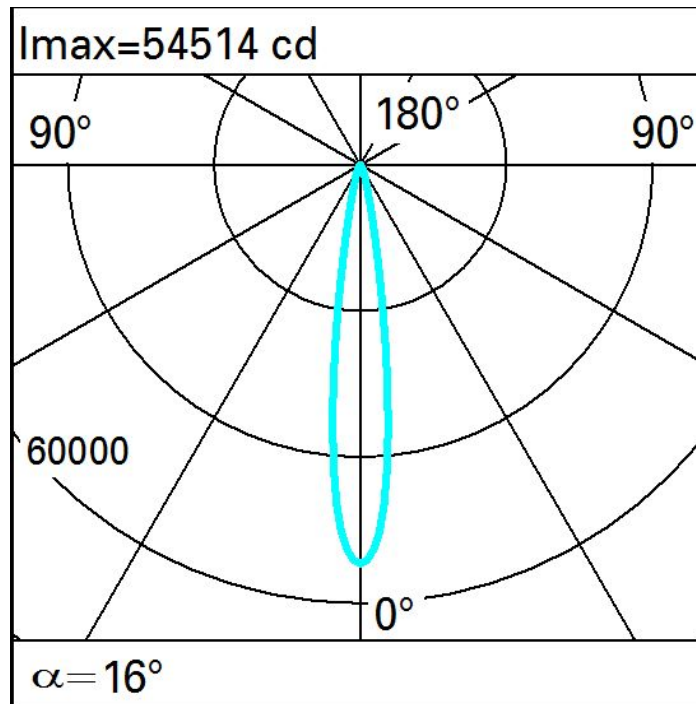Double PG.

Complies with EN60598-1 and pertinent regulations

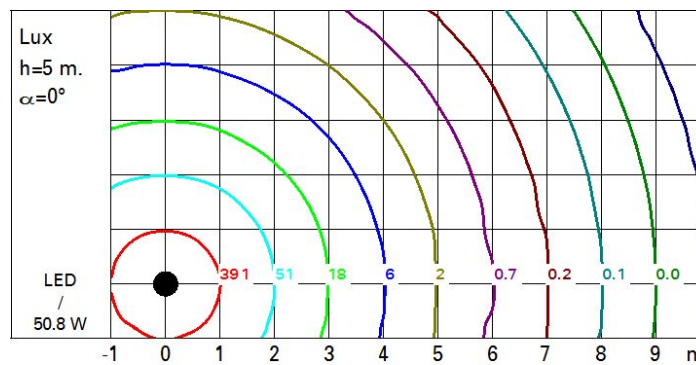IK08 IP66 CE UKCA 03 S EAC QCERT NOM PEP eco PASS PORT
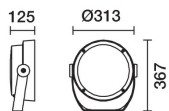
Technical data

lm system:	5467	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W system:	50.8	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
lm source:	7100	Lamp code:	LED
W source:	45	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	107.6	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	77	Power factor:	See installation instructions
Beam angle [°]:	16°	Inrush current:	43 A / 260 μs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
Colour temperature [K]:	2700		
MacAdam Step:	3		
		Overvoltage protection:	10kV Common mode & 6kV Differential mode
		Control:	DALI-2

125   Ø313   367

Polar

Imax=54514 cd

90°   180°   90°

60000

0°

α=16°

Isolux

Lux
h=5 m.
α=0°

LED
/
50.8 W

39 1   51   18   6   2   0.7   0.2   0.1   0.0

-1   0   1   2   3   4   5   6   7   8   9   m

Illuminances

Lux   Wall distance = 1m

3

      0.2 0.8   2   4   2   0.8 0.2

2 ─0.1─0.3─0.9─ 3 ─20─43─20─ 3 ─0.9─0.3─0.1─

      0.3 0.7   4   21   57   87   57   21   4   0.7 0.3

1 ─0.6─ 3 ─11─31─68─97─68─31─11─ 3 ─0.6─

       2   6   15   34   63   86   63   34   15   6   2

0
   m   -2   -1   0   1   2   3