

Last information update: March 2025

Product configuration: N457

N457: Spotlight with bracket - Warm White LED - Integrated Ballast - Wall Washer optic - Ta 40°

**Product code**

N457: Spotlight with bracket - Warm White LED - Integrated Ballast - Wall Washer optic - Ta 40°

Technical description

Spotlight designed to use LED lamps and a Wall Washer 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

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

9.35

Wiring

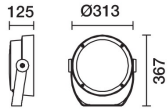
Double PG.

Complies with EN60598-1 and pertinent regulations



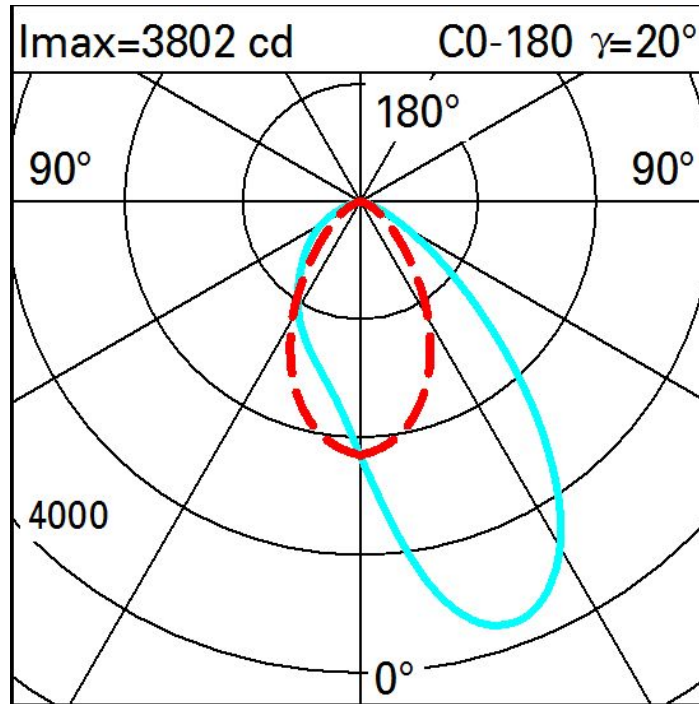
IK08

IP66

**Technical data**

Im system:	3875	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	50.8	Lamp code:	LED
Im source:	6250	Number of lamps for optical assembly:	1
W source:	45	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	76.3	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	62	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]:	2200	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	3	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



Illuminances

Lux Wall distance = 1m

3											
	0.4	2	8	26	57	72	53	20	5	1	0.3
2	6	15	35	76	129	169	157	86	33	12	4
	11	23	44	79	122	163	191	138	66	27	11
1	14	23	38	63	91	124	157	134	79	40	19
	13	21	32	47	62	84	108	107	79	47	25
0											
	m	-2	-1	0	1	2	3				