

Last information update: January 2025

Product configuration: P605

P605: small body - warm white ssp 7° optic



Product code

P605: small body - warm white ssp 7° optic

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Optical assembly made up of Warm White colour tone 3000K high CRI C.o.B LED with OPT1 BEAM LENS technology with a well-defined superspot light beam. DALI ballast integrated in the cylinder.

Installation

On an electrified track or base

Colour

White (01) | Black (04)

Weight (Kg)

1.45

Mounting

three circuit track

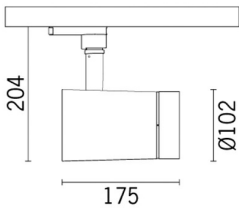
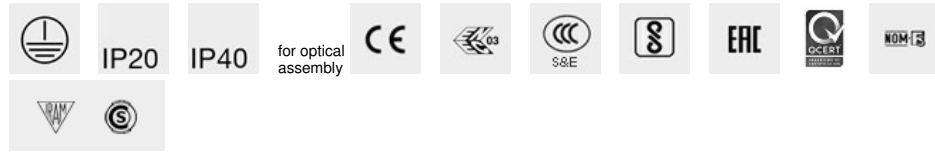
Wiring

Product complete with DALI components

Sistemi di controllo compatibili:

- Quick BLE - Bluetooth Low Energy [↗](#)
- Quick DALI - Touch display 7" [↗](#)
- Quick DALI LMS Quick [↗](#)
- Master Pro Evo KNX [↗](#)

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	292	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	8.5	Lamp code:	LED
Im source:	540	Number of lamps for optical assembly:	1
W source:	5.6	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	34.3	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	5 A / 50 µs
Light Output Ratio (L.O.R.) [%]:	54	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
Beam angle [°]:	8°	Minimum dimming %:	1
CRI (minimum):	90	Overvoltage protection:	4kV Common mode & 3kV Differential mode
Colour temperature [K]:	3000	Control:	DALI-2
MacAdam Step:	2		

Polar

Imax=10821 cd	Lux			
	h	d	Em	Emax
	2	0.3	2120	2705
	4	0.6	530	676
	6	0.9	236	301
	8	1.2	133	169

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Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	48	46	44	42	45	43	43	41	77
1.0	50	48	46	45	47	46	46	44	81
1.5	53	51	50	49	51	49	49	47	87
2.0	55	53	52	51	53	52	51	50	92
2.5	56	55	54	53	54	53	53	51	95
3.0	57	56	55	55	55	54	54	52	97
4.0	57	57	56	56	56	55	55	53	99
5.0	58	57	57	57	56	56	55	54	100

Luminance curve limit

