Palco

iGuzzini

Last information update: October 2024

Product configuration: QG52

QG52: small body - Neutral White - DALI - flood optic



Product code

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Technical description

Adjustable spotlight with adapter for installation on mains electrified track for high output LED lamp with monochrome emission in a Neutral White (4000K) tone. DALI ballast integrated in the product. Luminaire made of die-cast aluminium and thermoplastic material, allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. The luminaire has mechanical aiming locks for both movements, operated using the same tool on two screws, one at the side of the rod and one on the adapter for the track. Passive heat dissipation. Spotlight can hold up to two flat accessories at the same time. Another external component can also be applied, selected from directional flaps and an anti-glare screen. All external accessories rotate 360° about the spotlight longitudinal axis.

Installation

On an electrified track with a special base



Weight (Kg)

1.28



three circuit track

Wiring

DALI components housed in the luminaire

Sistemi_di_controllo_compatibili: Quick BLE - Bluetooth Low Energy ☑ Quick DALI - Touch display 7" ☑

Quick DALI LMS Quick ☑ Master Pro Evo KNX ☑





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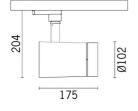








Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1922
W system:	28.5
Im source:	2700
W source:	26
Luminous efficiency (lm/W, real value):	67.4
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	71
Beam angle [°]:	38°
CRI (minimum):	97
Colour temperature [K]:	4000
MacAdam Step:	2

Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C) LED Lamp code: Number of lamps for optical

assembly: ZVEI Code: LED Number of optical

assemblies: Power factor: See installation instructions

Inrush current: $18 A / 250 \mu s$ Maximum number of

luminaires of this type per miniature circuit breaker:

B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires

Minimum dimming %: Overvoltage protection:

2kV Common mode & 1kV

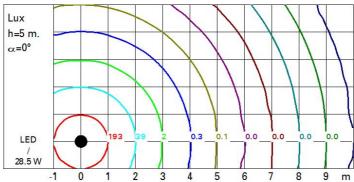
Differential mode

DALI-2 Control:

Polar

lmax=5345 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	1.3	1116	1303
XXXX	4	2.7	279	326
6000	6	4	124	145
α=37°	8	5.4	70	81

Isolux



UGR diagram

D'Al-																					
Rifle		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30										
ceil/cav walls work pl. Room dim x y		0.50 0.20	0.30 0.20	0.50 0.50 0.20 viewed	0.30	0.30 0.20	0.50 0.20	0.30 0.20	0.50 0.20 viewed	0.30	0.30										
												crosswise					endwise				
												2H	2H	1.2	1.7	1.5	1.9	2.1	1.2	1.7	1.5
		ЗН	1.1	1.5	1.4	1.8	2.1	1.1	1.6	1.4	1.8		2.1								
4H	1.0	1.4	1.3	1.7	2.0	1.0	1.5	1.4	1.7	2.0											
бН	0.9	1.3	1.3	1.6	1.9	0.9	1.3	1.3	1.7	2.0											
ВН	0.9	1.3	1.2	1.6	1.9	0.9	1.3	1.3	1.6	2.0											
12H	8.0	1.2	1.2	1.5	1.9	0.9	1.2	1.2	1.6	1.9											
4H	2H	1.0	1.5	1.4	1.7	2.0	1.0	1.4	1.3	1.7	2.0										
	ЗН	0.9	1.3	1.3	1.6	1.9	0.9	1.2	1.3	1.6	1.9										
	4H	8.0	1.1	1.2	1.5	1.9	8.0	1.1	1.2	1.5	1.9										
	бН	0.7	1.0	1.1	1.4	1.8	0.7	1.0	1.1	1.4	1.8										
	HS	0.7	0.9	1.1	1.3	1.8	0.7	0.9	1.1	1.3	1.8										
	12H	0.6	8.0	1.1	1.3	1.7	0.6	8.0	1.1	1.3	1.7										
вн	4H	0.7	0.9	1.1	1.3	1.8	0.7	0.9	1.1	1.3	1.8										
	6H	0.6	8.0	1.0	1.2	1.7	0.6	8.0	1.0	1.2	1.										
	HS	0.5	0.7	1.0	1.2	1.7	0.5	0.7	1.0	1.2	1.7										
	12H	0.5	0.6	1.0	1.1	1.6	0.5	0.6	1.0	1.1	1.6										
12H	4H	0.6	8.0	1.1	1.3	1.7	0.6	8.0	1.1	1.3	1.7										
	бН	0.5	0.7	1.0	1.2	1.7	0.5	0.7	1.0	1.2	1.7										
	HS	0.5	0.6	1.0	1.1	1.6	0.5	0.6	1.0	1.1	1.6										
		th the ol	oserverp	osition	at spacir	ng:															
S =	1.0H		5	.1 / -6	9			5	.1 / -6.	9											
	1.5H	7.9 / -10.4					7.9 / -10.4														
	2.0H		9	8 / -17	.0			9.	8 / -17	.0											