Design Artec iGuzzini Studio

Last information update: October 2024

Product configuration: QG64

QG64: Medium body spotlight - warm white - electronic ballast and dimmer - flood optic



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Technical description

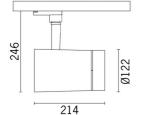
Adjustable spotlight with adapter for installation on electrified track for 8x1W high output LED lamp with monochrome emission in a warm White (3000K) tone. Dimmable electronic ballast integrated in the product. Luminaire made of die-cast aluminium and thermoplastic material, allows 360° rotation about 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

Colour White (01) | Black (04) Weight (Kg)

2.1



Mounting

three circuit track

Wiring

Electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations





















Technical data Im system: 2925 MacAdam Step: W system: 40.2 Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C) Im source: 3750 Lamp code: LED W source: 36 Number of lamps for optical 1 Luminous efficiency (lm/W, 72.8 assembly: ZVEI Code: real value): LED Number of optical Im in emergency mode: Total light flux at or above assemblies: an angle of 90° [Lm]: Power factor: See installation instructions Light Output Ratio (L.O.R.) 78 Inrush current: 22 A / 260 μs [%]: Maximum number of luminaires of this type per Beam angle [°]: 30° B10A: 15 luminaires B16A: 24 luminaires CRI (minimum): miniature circuit breaker: C10A: 24 luminaires Colour temperature [K]: 3000 C16A: 40 luminaires Overvoltage protection: 2kV Common mode & 1kV Differential mode Completo di dimmer Control:

Polar

h	d	Em	Emax
2	1	1835	2441
4	2.1	459	610
6	3.1	204	271
8	4.1	115	153
	2 4 6	2 14 2.16 3.1	 1 1835 2.1 459 3.1 204

Lux h=5 m. α=0° -1 0 1 2 3 4 5 6 7 8 9 m

UGR diagram

work											
walls work	av										
work		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
	walls work pl.		0.30	0.50	0.30	0.30	0.50 0.20	0.30	0.50 0.20	0.30	0.30
			0.20	0.20							
Room dim		EXCHANGE.		viewed			67,300,000		viewed		
x	У		(crosswis	e			i i	endwise	9	
2H	2H	6.5	7.0	8.8	7.3	7.5	6.5	7.0	8.6	7.3	7.5
	ЗН	6.4	6.9	6.7	7.1	7.4	6.4	6.9	6.7	7.1	7.
	4H	6.3	6.8	6.6	7.1	7.4	6.3	6.8	6.6	7.1	7.
	бН	6.2	6.7	6.6	7.0	7.3	6.2	6.7	6.6	7.0	7.
	H8	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.
	12H	6.2	6.6	6.5	6.9	7.2	6.2	6.6	6.5	6.9	7.2
4H	2H	6.3	6.8	6.6	7.1	7.4	6.3	6.8	6.6	7.1	7.4
	3H	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.
	4H	6.1	6.5	6.5	6.8	7.2	6.1	6.5	6.5	6.8	7.
	6H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.5	6.7	7.
	8H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.4	6.7	7.
	12H	5.9	6.2	6.4	6.6	7.1	5.9	6.2	6.4	6.6	7.
8Н	4H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.4	6.7	7.
	бН	5.9	6.1	6.4	6.6	7.0	5.9	6.1	6.4	6.6	7.0
	HS	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0
	12H	5.8	5.9	6.3	6.4	7.0	5.8	5.9	6.3	6.4	7.0
12H	4H	5.9	6.2	6.4	6.6	7.1	5.9	6.2	6.4	6.6	7.
	бН	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0
	H8	5.8	5.9	6.3	6.4	7.0	5.8	5.9	6.3	6.4	7.0
Varia	tions wi	th the ol	oserver p	noitieo	at spacir	ng:					
S =	1.0H		5	.8 / -9	5			5	.8 / -9.	.5	
	1.5H		8	6 / -11	8.			8.	6 / -11	8.1	