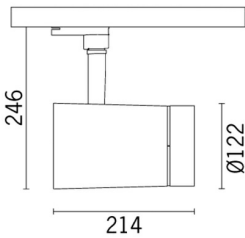


Last information update: October 2024

Product configuration: QG60

QG60: Medium body spotlight - neutral white - electronic ballast and dimmer - flood optic



Product code

QG60: Medium body spotlight - neutral white - electronic ballast and dimmer - flood optic

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. 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

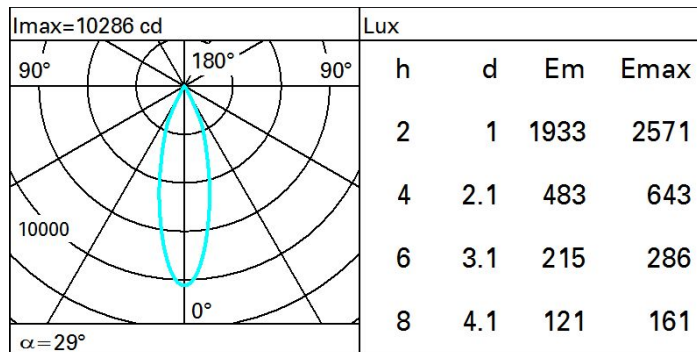
Complies with EN60598-1 and pertinent regulations



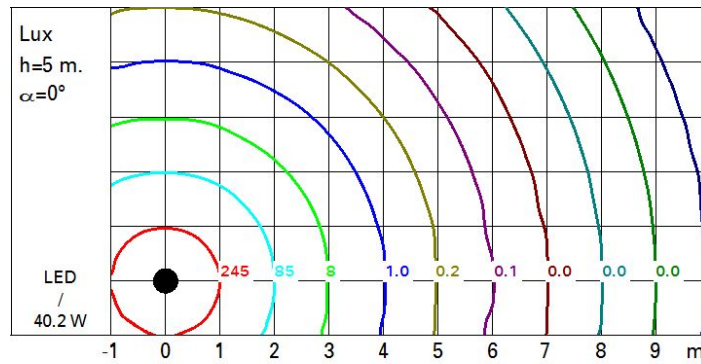
Technical data

Im system:	3081	MacAdam Step:	2
W system:	40.2	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	3950	Lamp code:	LED
W source:	36	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	76.6	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	78	Inrush current:	22 A / 260 µs
Beam angle [°]:	30°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 15 luminaires B16A: 24 luminaires C10A: 24 luminaires C16A: 40 luminaires
CRI (minimum):	97	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000	Control:	Completo di dimmer

Polar



Isolux



UGR diagram

Corrected UGR values (at 3950 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	0.7	7.2	6.9	7.4	7.7	0.7	7.2	6.9	7.4	7.7
	3H	0.6	7.1	6.9	7.3	7.6	0.6	7.0	6.9	7.3	7.6
	4H	0.5	7.0	6.8	7.2	7.5	0.5	7.0	6.8	7.2	7.5
	6H	0.4	6.8	6.8	7.2	7.5	0.4	6.8	6.8	7.2	7.5
	8H	0.4	6.8	6.7	7.1	7.5	0.4	6.8	6.7	7.1	7.4
	12H	0.3	6.7	6.7	7.1	7.4	0.3	6.7	6.7	7.1	7.4
4H	2H	0.5	7.0	6.8	7.2	7.5	0.5	7.0	6.8	7.2	7.5
	3H	0.4	6.8	6.7	7.1	7.5	0.4	6.8	6.7	7.1	7.5
	4H	0.3	6.6	6.7	7.0	7.4	0.3	6.6	6.7	7.0	7.4
	6H	0.2	6.5	6.6	6.9	7.3	0.2	6.5	6.6	6.9	7.3
	8H	0.2	6.4	6.6	6.8	7.3	0.2	6.4	6.6	6.9	7.3
	12H	0.1	6.4	6.6	6.8	7.2	0.1	6.4	6.6	6.8	7.2
8H	4H	0.2	6.4	6.6	6.9	7.3	0.2	6.4	6.6	6.8	7.3
	6H	0.1	6.3	6.5	6.7	7.2	0.1	6.3	6.5	6.7	7.2
	8H	0.0	6.2	6.5	6.7	7.2	0.0	6.2	6.5	6.7	7.2
	12H	0.0	6.1	6.5	6.6	7.1	0.0	6.1	6.5	6.6	7.1
12H	4H	0.1	6.4	6.6	6.8	7.2	0.1	6.4	6.6	6.8	7.2
	6H	0.0	6.2	6.5	6.7	7.2	0.0	6.2	6.5	6.7	7.2
	8H	0.0	6.1	6.5	6.6	7.1	0.0	6.1	6.5	6.6	7.1
Variations with the observer position at spacing:											
S =	1.0H	5.8 / -9.5				5.8 / -9.5					
	1.5H	8.6 / -11.8				8.6 / -11.8					
	2.0H	10.6 / -13.0				10.6 / -13.0					