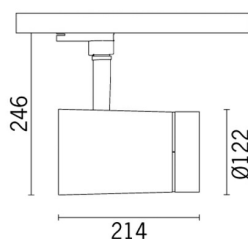


Last information update: April 2025

**Product configuration: QG61**

QG61: Medium body spotlight - neutral white - electronic ballast and dimmer - wide flood optic

**Product code**

QG61: Medium body spotlight - neutral white - electronic ballast and dimmer - wide 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**

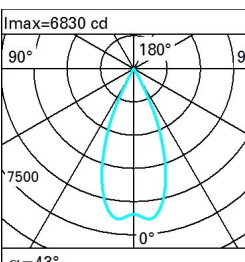
Electronic components housed in the luminaire

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	3118	CRI (minimum):	97
W system:	40.2	Colour temperature [K]:	4000
Im source:	3950	MacAdam Step:	2
W source:	36	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	77.6	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	42°	Control:	Completo di dimmer

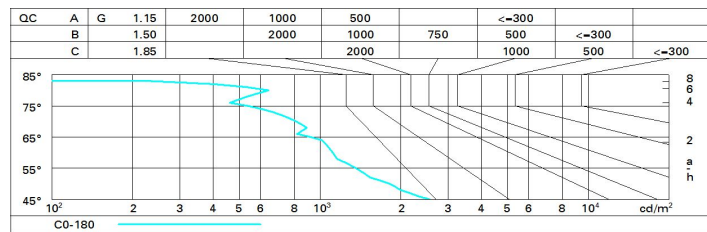
**Polar**

	<b>CIE</b> nL 0.79 99-100-100-100-79 UGR <10-10				<b>Lux</b>			
	<b>DIN</b> A.61				h	d	Em	E <sub>max</sub>
	<b>UTE</b> 0.79A+0.00T F*1=994 F*1+F*2=999 F*1+F*2+F*3=1000				2	1.6	1386	1679
	<b>CIBSE</b> LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/mq @65°				4	3.1	346	420
					6	4.7	154	187
					8	6.3	87	105

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	65	64	62	78
1.0	74	71	69	67	70	68	68	65	83
1.5	78	75	74	72	75	73	72	70	88
2.0	80	79	77	76	78	76	75	73	93
2.5	82	81	79	79	79	78	78	75	96
3.0	83	82	81	80	81	80	79	77	98
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	83	82	81	79	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3950 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x            y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	5.1	5.7	5.4	5.9	0.2	5.1	5.7	5.4	5.9	0.2
	3H	5.1	5.0	5.4	5.9	0.2	5.1	5.0	5.4	5.8	0.1
	4H	5.1	5.0	5.4	5.8	0.1	5.0	5.5	5.3	5.8	0.1
	0H	5.0	5.5	5.4	5.8	0.1	4.9	5.4	5.3	5.7	0.0
	8H	5.0	5.4	5.4	5.8	0.1	4.9	5.3	5.3	5.6	0.0
	12H	5.0	5.4	5.4	5.7	0.1	4.9	5.3	5.2	5.6	0.0
4H	2H	5.0	5.5	5.3	5.8	0.1	5.1	5.0	5.4	5.8	0.1
	3H	5.0	5.4	5.4	5.8	0.1	5.0	5.4	5.4	5.8	0.1
	4H	5.0	5.3	5.4	5.7	0.1	5.0	5.3	5.4	5.7	0.1
	0H	5.0	5.3	5.4	5.7	0.1	4.9	5.2	5.4	5.6	0.1
	8H	4.9	5.2	5.4	5.6	0.1	4.9	5.2	5.3	5.6	0.0
	12H	4.9	5.1	5.3	5.6	0.0	4.8	5.1	5.3	5.5	0.0
8H	4H	4.9	5.2	5.3	5.6	0.0	4.9	5.2	5.4	5.6	0.1
	0H	4.9	5.1	5.4	5.6	0.0	4.9	5.1	5.4	5.6	0.0
	8H	4.9	5.1	5.3	5.5	0.0	4.9	5.1	5.3	5.5	0.0
	12H	4.8	5.0	5.3	5.5	0.0	4.8	5.0	5.3	5.5	0.0
12H	4H	4.8	5.1	5.3	5.5	0.0	4.9	5.1	5.3	5.6	0.0
	0H	4.8	5.0	5.3	5.5	0.0	4.8	5.0	5.3	5.5	0.0
	8H	4.8	5.0	5.3	5.5	0.0	4.8	5.0	5.3	5.5	0.0
Variations with the observer position at spacing:											
S =	1.0H	5.0 / -5.4					5.0 / -5.4				
	1.5H	8.3 / -0.1					8.3 / -0.1				
	2.0H	10.2 / -0.8					10.2 / -0.8				