

Last information update: January 2025

**Product configuration: QV63**

QV63: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI



**Product code**

QV63: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI

**Technical description**

Miniaturised adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast aluminium with passive dissipation system. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI power line dimmable function. Integrated «power line» technology allows each spotlight on the track to be adjusted separately. The swivel joints allow the spotlight to be rotated by 360° and tilted by 160° with the option of installing the spotlight on a 48V track in both an "up" and "down" position. The set back position of the optic unit guarantees a high level of visual comfort. A high definition thermoplastic lens with the option of using additional accessories to create other light effects. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. The 48V track coupling device is fitted with a mechanical anti-fall safety double block.

**Installation**

An adapter is used to fix the device mechanically and tool-free to the 48V track.

**Colour**

White (01) | Black (04)

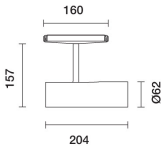
**Weight (Kg)**

0.75

**Wiring**

Driver DC/DC with a DALI power line dimmable function - direct connection on 48V track. Track power supply unit to be ordered separately.

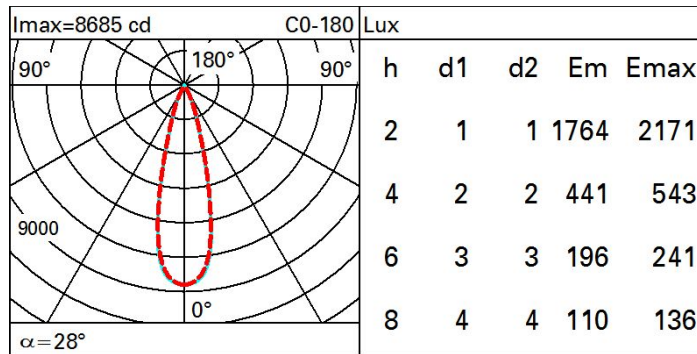
Complies with EN60598-1 and pertinent regulations



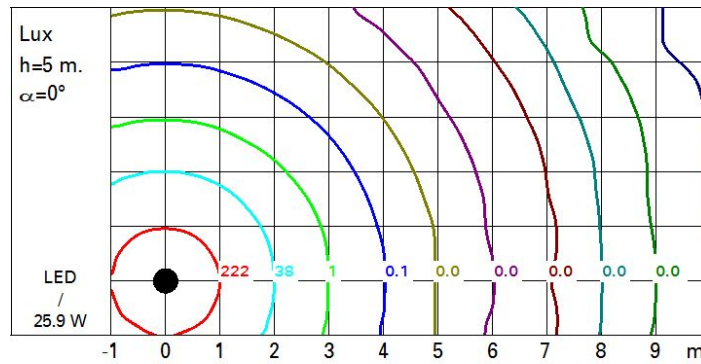
**Technical data**

Im system:	2066	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	25.9	Voltage [Vin]:	48
Im source:	2550	Lamp code:	LED
W source:	24	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	79.7	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.) [%]:	81	Minimum dimming %:	5
Beam angle [°]:	27°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	90	Dimming mode:	CCR
Colour temperature [K]:	2700	Control:	DALI
MacAdam Step:	2		

**Polar**



### Isolux



### UGR diagram

Corrected UGR values (at 2550 lm bare lamp luminous flux)											
Reflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceiling/cav											
walls											
work pl.											
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	-0.7	1.5	-0.3	1.8	2.2	-1.3	0.9	-0.9	1.2	1.6
	3H	-0.8	0.9	-0.4	1.2	1.6	-1.4	0.3	-1.0	0.6	1.0
	4H	-0.8	0.5	-0.5	0.9	1.2	-1.4	-0.0	-1.0	0.3	0.7
	6H	-0.9	0.2	-0.5	0.5	0.8	-1.5	-0.4	-1.1	-0.1	0.3
	8H	-0.9	0.1	-0.5	0.4	0.8	-1.5	-0.5	-1.1	-0.1	0.2
	12H	-1.0	0.0	-0.6	0.4	0.8	-1.5	-0.5	-1.1	-0.2	0.2
4H	2H	-0.8	0.6	-0.4	0.9	1.3	-1.4	-0.0	-1.0	0.3	0.6
	3H	-0.9	0.1	-0.5	0.5	0.8	-1.5	-0.5	-1.1	-0.1	0.3
	4H	-1.0	-0.1	-0.6	0.3	0.7	-1.6	-0.6	-1.2	-0.2	0.2
	6H	-1.4	0.3	-0.9	0.7	1.2	-2.0	-0.3	-1.5	0.2	0.7
	8H	-1.6	0.4	-1.1	0.9	1.4	-2.1	-0.2	-1.6	0.3	0.8
	12H	-1.7	0.3	-1.2	0.8	1.4	-2.2	-0.2	-1.7	0.3	0.8
8H	4H	-1.6	0.4	-1.1	0.9	1.4	-2.1	-0.2	-1.6	0.3	0.8
	6H	-1.7	0.2	-1.2	0.7	1.2	-2.2	-0.4	-1.7	0.1	0.6
	8H	-1.7	-0.0	-1.2	0.4	1.0	-2.3	-0.6	-1.7	-0.1	0.4
	12H	-1.6	-0.5	-1.0	0.0	0.6	-2.1	-1.0	-1.6	-0.5	0.0
12H	4H	-1.7	0.3	-1.2	0.8	1.4	-2.2	-0.2	-1.7	0.3	0.8
	6H	-1.7	-0.0	-1.2	0.4	1.0	-2.3	-0.6	-1.7	-0.1	0.4
	8H	-1.6	-0.5	-1.0	0.0	0.6	-2.1	-1.0	-1.6	-0.5	0.0
Variations with the observer position at spacing:											
S =	1.0H	5.6 / -7.8					5.3 / -6.7				
	1.5H	8.3 / -10.1					8.0 / -8.0				
	2.0H	10.3 / -14.0					10.0 / -11.9				