

Last information update: June 2018



## Palco linear surface 3 x Ø51 - flood - integrated driver

### Product code

QC67

### Technical description

Linear luminaire for surface installation with 3 miniaturised adjustable spotlights. Spotlight bodies with a die-cast aluminium dissipation system - cast zamak rotation units - shaped steel fixing plate - extruded aluminium surface cover module with mechanical coupling system - thermoplastic side end caps. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic units guarantees a high level of visual comfort with thermoplastic high definition lenses. Ballast located inside cover module.

### Installation

Installation surface plate fastening - structure attached using a mechanical locking mechanism - insertion of side end caps. This specific locking system can be installed next to linear versions so as to create a continuous external line.

### Dimension (mm)

Ø51

### Colour

White (01) | Black (04)

### Weight (Kg)

1.59

### Mounting

wall surface|ceiling surface

### Wiring

Quick-coupling connection on integrated driver terminals.

### Notes

Technical and anti-glare accessories available.

Complies with EN60598-1 and pertinent regulations



IP20



### Product configuration: QC67

### Product characteristics

Total lighting output [Lm]: 1550  
Total power [W]: 40.2  
Luminous efficacy [Lm/W]: 38.6  
Life Time: 50,000h - L80 - B10 (Ta 25°C)

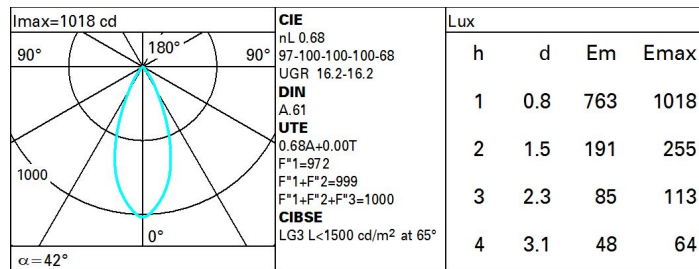
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 3

### Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 68  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 12  
Nominal luminous [Lm]: 760  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 42°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 1.4  
Colour temperature [K]: 2700  
CRI: 90  
Wavelength [Nm]: /  
MacAdam Step: 3

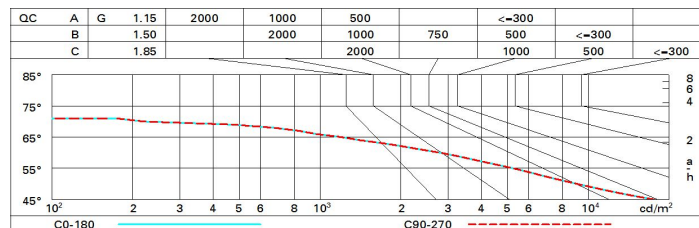
# Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	61	57	55	53	57	55	54	52	76
1.0	63	60	58	57	60	58	57	55	81
1.5	67	65	63	61	64	62	62	59	87
2.0	69	67	66	65	66	65	64	63	92
2.5	70	69	68	67	68	67	66	65	95
3.0	71	70	70	69	69	69	68	66	97
4.0	72	71	71	70	70	70	69	67	99
5.0	72	72	72	71	71	71	69	68	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 700 lm bare lamp luminous flux)												
Reflect.: ceiling/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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	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	16.8	17.4	17.1	17.7	17.9	16.8	17.4	17.1	17.7	17.9	
	3H	16.7	17.2	17.0	17.5	17.8	16.7	17.2	17.0	17.5	17.8	
	4H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	
	6H	16.5	17.0	16.9	17.3	17.6	16.5	17.0	16.9	17.3	17.7	
	8H	16.5	16.9	16.8	17.3	17.6	16.5	17.0	16.8	17.3	17.6	
	12H	16.4	16.9	16.8	17.2	17.6	16.4	16.9	16.8	17.2	17.6	
4H	2H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	
	3H	16.4	16.9	16.8	17.2	17.6	16.4	16.9	16.8	17.2	17.6	
	4H	16.4	16.8	16.8	17.1	17.5	16.4	16.8	16.8	17.1	17.5	
	6H	16.3	16.6	16.7	17.0	17.4	16.3	16.6	16.7	17.0	17.4	
	8H	16.2	16.5	16.7	17.0	17.4	16.2	16.5	16.7	17.0	17.4	
	12H	16.2	16.5	16.6	16.9	17.4	16.2	16.5	16.6	16.9	17.4	
8H	4H	16.2	16.5	16.7	17.0	17.4	16.2	16.5	16.7	17.0	17.4	
	6H	16.1	16.4	16.6	16.8	17.3	16.1	16.4	16.6	16.8	17.3	
	8H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3	
	12H	16.0	16.2	16.5	16.7	17.2	16.0	16.2	16.5	16.7	17.2	
12H	4H	16.2	16.5	16.6	16.9	17.4	16.2	16.5	16.6	16.9	17.4	
	6H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3	
	8H	16.0	16.2	16.5	16.7	17.2	16.0	16.2	16.5	16.7	17.2	
Variations with the observer position at spacing:												
S =		1.0H	4.9 / -10.3					4.9 / -10.3				
		1.5H	7.7 / -15.5					7.7 / -15.5				
		2.0H	9.7 / -21.8					9.7 / -21.8				