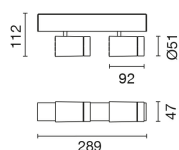
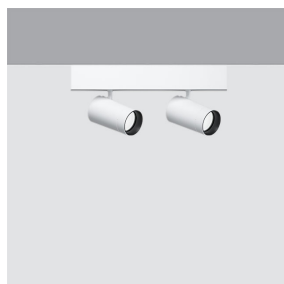


Last information update: June 2018



Palco linear surface 2 x Ø51 - flood - integrated driver

Product code

QC65

Technical description

Linear luminaire for surface installation with 2 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)

1.11

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: QC65

Product characteristics

Total lighting output [Lm]: 1034
Total power [W]: 29.1
Luminous efficacy [Lm/W]: 35.5
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: 2

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]: 2.5
Colour temperature [K]: 2700
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

	imax=1018 cd CIE nL 0.68 97-100-100-100-68 UGR 16.2-16.2 DIN A.61 UTE 0.68A+0.00T F*1=972 F*1+F*2=999 F*1+F*2+F*3=1000 CBSE LG3 L<1500 cd/m ² at 65°		Lux			
	h	d	Em	Emax		
	1	0.8	763	1018		
	2	1.5	191	255		
	3	2.3	85	113		
4	3.1	48	64			

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

QC	A	G	1.15	2000	1000	500	<~300									
	B		1.50		2000	1000	500	<~300								
	C		1.85			2000	1000	500	<~300							
85°																
75°																
65°																
55°																
45°																
	10 ²	2	3	4	5	6	8	10 ³	2	3	4	5	6	8	10 ⁴	cd/m ²
	C0-180					C90-270										

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				