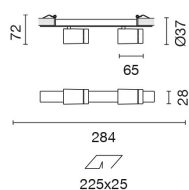
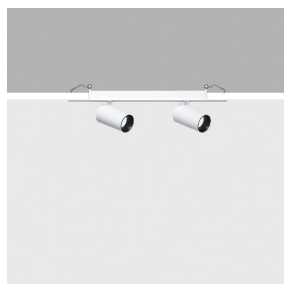


Last information update: June 2018



Palco linear recess 2 x Ø37 - flood - remote driver

Product code

QC22

Technical description

Linear luminaire for recessed installation with 2 miniaturised adjustable spotlights. Spotlight bodies with a die-cast aluminium dissipation system - cast zamak rotation units - a linear recess structure consisting of an extruded aluminium internal profile, painted steel caps and stop plate - steel wire fixing springs. The spotlight 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 not included, available with separate code.

Installation

Recessed linear base with surface stop plate - steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 00 x 000 mm. Option of installing next to linear versions so as to create a continuous line.

Dimension (mm)

Ø37

Colour

White (01) | Black (04)

Weight (Kg)

0.06

Mounting

wall recessed|ceiling recessed

Wiring

Output cables for connecting to power supply line.

Notes

Technical and anti-glare accessories available.

Complies with EN60598-1 and pertinent regulations



IP20



Product configuration: QC22

Product characteristics

Total lighting output [Lm]: 728
Total power [W]: 14.4
Luminous efficacy [Lm/W]: 50.6
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: 2

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 65
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 7.2
Nominal luminous [Lm]: 560
Lamp maximum intensity [cd]: /
Beam angle [°]: 44°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

<p>Imax=658 cd</p> <p>90° 180° 90°</p> <p>750</p> <p>0°</p> <p>$\alpha = 44^\circ$</p>	CIE nL 0.65 97-100-100-100-65 UGR 18.6-18.6 DIN A.61 UTE 0.65A+0.00T F*1=97.3 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE LG3 Lc500 cd/m ² at 65°		Lux			

R	77	75	73	71	55	53	33	00	DDR
K0.8	58	55	53	51	54	52	52	50	76
1.0	61	58	56	54	57	55	55	53	81
1.5	64	62	60	59	61	59	59	57	88
2.0	66	64	63	62	63	62	62	60	92
2.5	67	66	65	64	65	64	64	62	95
3.0	68	67	67	66	66	66	65	63	97
4.0	69	68	68	67	67	67	66	64	99
5.0	69	69	68	68	68	67	66	65	100

QC	A	G	1.15	2000	1000	500	<300	<300	
	B		1.50		2000	1000	750	500	<300
	C		1.85			2000		1000	500

The graph displays the relationship between particle size (d in cm/m²) and a parameter 'h' (ranging from 45 to 85). The x-axis is logarithmic, with labels 10², 2, 3, 4, 5, 6, 8, 10³, 2, 3, 4, 5, 6, 8, 10⁴, and cd/m². The y-axis is linear, ranging from 45 to 85. A red dashed line represents the C90-270 data, and a blue solid line represents the C0-180 data. The graph is divided into two sections: C0-180 (left) and C90-270 (right).

UGR diagram

Corrected UGR values (at 500 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
		0.50	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	19.2	19.8	19.5	20.1	20.3	19.2	19.8	19.5	20.1	20.3
	3H	19.1	19.6	19.4	19.9	20.2	19.1	19.6	19.4	19.9	20.2
	4H	19.0	19.5	19.3	19.8	20.1	19.0	19.5	19.3	19.8	20.1
	6H	18.9	19.4	19.3	19.7	20.0	18.9	19.4	19.3	19.7	20.1
	8H	18.9	19.3	19.2	19.7	20.0	18.9	19.4	19.2	19.7	20.0
	12H	18.8	19.3	19.2	19.6	20.0	18.8	19.3	19.2	19.6	20.0
4H	2H	19.0	19.5	19.3	19.8	20.1	19.0	19.5	19.3	19.8	20.1
	3H	18.8	19.3	19.2	19.6	20.0	18.8	19.3	19.2	19.6	20.0
	4H	18.7	19.2	19.1	19.5	19.9	18.7	19.2	19.1	19.5	19.9
	6H	18.7	19.0	19.1	19.4	19.8	18.7	19.0	19.1	19.4	19.8
	8H	18.6	18.9	19.1	19.4	19.8	18.6	18.9	19.1	19.4	19.8
	12H	18.6	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.7
8H	4H	18.6	18.9	19.1	19.4	19.8	18.6	18.9	19.1	19.4	19.8
	6H	18.5	18.8	19.0	19.2	19.7	18.5	18.8	19.0	19.2	19.7
	8H	18.5	18.7	19.0	19.2	19.7	18.5	18.7	19.0	19.2	19.7
	12H	18.4	18.6	18.9	19.1	19.6	18.4	18.6	18.9	19.1	19.6
12H	4H	18.6	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.7
	6H	18.5	18.7	19.0	19.2	19.7	18.5	18.7	19.0	19.2	19.7
	8H	18.4	18.6	18.9	19.1	19.6	18.4	18.6	18.9	19.1	19.6
Variations with the observer position at spacing:											
S =		1.0H	5.2 / -10.8				5.2 / -10.8				
		1.5H	7.9 / -25.4				7.9 / -25.4				
		2.0H	9.5 / -35.8				9.5 / -35.8				