

Last information update: June 2018



**Palco linear recess 3 x Ø37 - flood - remote driver**

**Product code**

QC25

**Technical description**

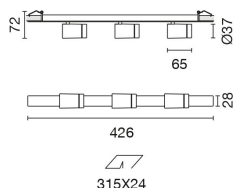
Linear luminaire for recessed installation with 3 miniaturised adjustable spotlights. Spotlight bodies with a die-cast aluminium dissipation system - cast zamak rotation units - a linear recess structure consisting of an extruded aluminium internal profile, painted steel caps and stop plate - steel wire 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: QC25**

**Product characteristics**

Total lighting output [Lm]: 1034  
 Total power [W]: 21.6  
 Luminous efficacy [Lm/W]: 47.8  
 Life Time: 50,000h - L80 - B10 (Ta 25°C)

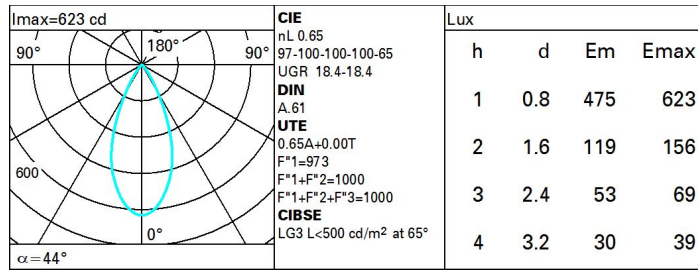
Total luminous flux at or above an angle of 90° [Lm]: 0  
 Emergency luminous flux [Lm]: /  
 Voltage [V]: -  
 Number of optical assemblies: 3

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 65  
 Lamp code: LED  
 ZVEI Code: LED  
 Nominal power [W]: 7.2  
 Nominal luminous [Lm]: 530  
 Lamp maximum intensity [cd]: /  
 Beam angle [°]: 44°

Number of lamps for optical assembly: 1  
 Socket: /  
 Ballast losses [W]: 0  
 Colour temperature [K]: 2700  
 CRI: 90  
 Wavelength [Nm]: /  
 MacAdam Step: 3

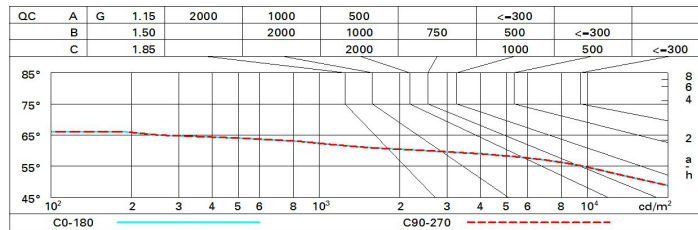
**Polar**



**Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	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

**Luminance curve limit**



**UGR diagram**

Corrected UGR values (at 530 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		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	19.0	19.7	19.3	19.9	20.1	19.0	19.7	19.3	19.9	20.1
	3H	18.9	19.4	19.2	19.7	20.0	18.9	19.5	19.2	19.7	20.0
	4H	18.8	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9
	6H	18.7	19.2	19.1	19.5	19.9	18.7	19.2	19.1	19.5	19.9
	8H	18.7	19.2	19.0	19.5	19.8	18.7	19.2	19.1	19.5	19.8
	12H	18.6	19.1	19.0	19.4	19.8	18.7	19.1	19.0	19.4	19.8
4H	2H	18.8	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9
	3H	18.7	19.1	19.0	19.4	19.8	18.7	19.1	19.0	19.4	19.8
	4H	18.6	19.0	19.0	19.3	19.7	18.6	19.0	19.0	19.3	19.7
	6H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6
	8H	18.4	18.7	18.9	19.2	19.6	18.4	18.7	18.9	19.2	19.6
	12H	18.4	18.7	18.8	19.1	19.6	18.4	18.7	18.8	19.1	19.6
8H	4H	18.4	18.7	18.9	19.2	19.6	18.4	18.7	18.9	19.2	19.6
	6H	18.3	18.6	18.8	19.0	19.5	18.3	18.6	18.8	19.0	19.5
	8H	18.3	18.5	18.8	19.0	19.5	18.3	18.5	18.8	19.0	19.5
	12H	18.2	18.4	18.7	18.9	19.4	18.2	18.4	18.7	18.9	19.4
12H	4H	18.4	18.7	18.8	19.1	19.6	18.4	18.7	18.8	19.1	19.6
	6H	18.3	18.5	18.8	19.0	19.5	18.3	18.5	18.8	19.0	19.5
	8H	18.2	18.4	18.7	18.9	19.4	18.2	18.4	18.7	18.9	19.4
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				