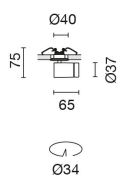
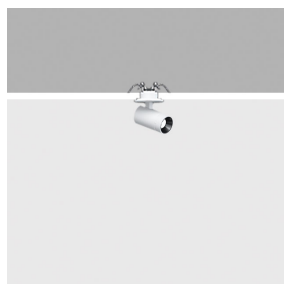


Last information update: June 2018

**Palco single recess Ø37 - flood - remote driver****Product code**

QC21

Technical description

Miniaturised adjustable spotlight for recessed installation. Spotlight body with a die-cast aluminium dissipation system - cast zamak rotation unit - machined aluminium recess base - steel wire fixing springs. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic unit guarantees a high level of visual comfort with a thermoplastic high definition lens. Ballast not included, available with separate code.

Installation

Recessed base with surface stop plate - steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole Ø36 mm.

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: QC21****Product characteristics**

Total lighting output [Lm]: 345

Total power [W]: 7.2

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: 1

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: /

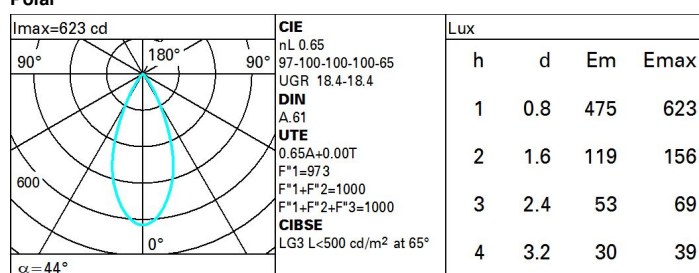
Ballast losses [W]: 0

Colour temperature [K]: 2700

CRI: 90

Wavelength [Nm]: /

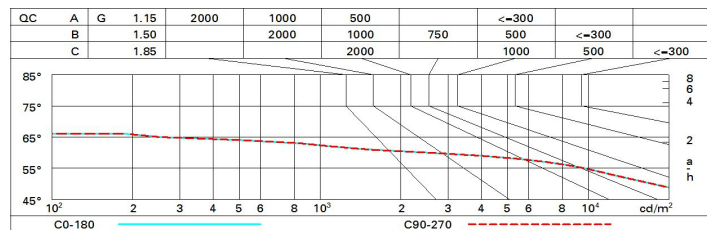
MacAdam Step: 3

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.:											
ceiling	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	0.70	0.70
0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.50	0.30
0.20	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	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				