Palco Incasso/Superficie

Design Artec3 Studio **iGuzzini**

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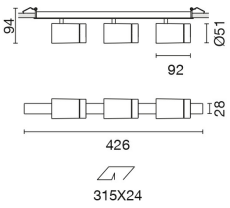


Palco linear recess 3 x Ø51 - flood - remote driver

Product code
QC32

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)
Ø51

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

Product configuration: QC32

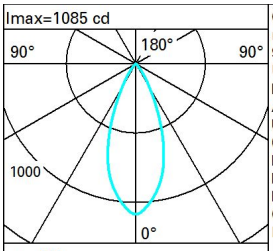
Product characteristics

Total lighting output [Lm]: 1652
Total power [W]: 36
Luminous efficacy [Lm/W]: 45.9
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]: 810
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar



CIE
nL 0.68
97-100-100-100-68
UGR 16.4-16.4
DIN
A.61
UTE
0.68A+0.00T
F"1=972
F"1+F"2=999
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°

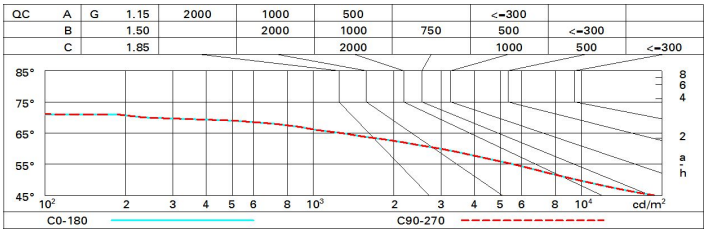
Lux

h	d	Em	Emax
1	0.8	814	1085
2	1.5	203	271
3	2.3	90	121
4	3.1	51	68

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 810 lm bare lamp luminous flux)

Riflect.:											
ceil/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					viewed		
x	y			crosswise					endwise		
2H	2H	17.0	17.7	17.3	17.9	18.1	17.0	17.7	17.3	17.9	18.1
	3H	16.9	17.5	17.2	17.7	18.0	16.9	17.5	17.2	17.7	18.0
	4H	16.8	17.3	17.1	17.6	17.9	16.8	17.4	17.2	17.6	17.9
	6H	16.7	17.2	17.1	17.5	17.9	16.7	17.2	17.1	17.5	17.9
	8H	16.7	17.2	17.1	17.5	17.8	16.7	17.2	17.1	17.5	17.8
	12H	16.7	17.1	17.0	17.4	17.8	16.7	17.1	17.0	17.5	17.8
4H	2H	16.8	17.4	17.2	17.6	17.9	16.8	17.3	17.1	17.6	17.9
	3H	16.7	17.1	17.0	17.5	17.8	16.7	17.1	17.0	17.5	17.8
	4H	16.6	17.0	17.0	17.3	17.7	16.6	17.0	17.0	17.3	17.7
	6H	16.5	16.8	16.9	17.2	17.7	16.5	16.8	16.9	17.2	17.7
	8H	16.4	16.8	16.9	17.2	17.6	16.4	16.8	16.9	17.2	17.6
	12H	16.4	16.7	16.9	17.1	17.6	16.4	16.7	16.9	17.1	17.6
8H	4H	16.4	16.8	16.9	17.2	17.6	16.4	16.8	16.9	17.2	17.6
	6H	16.4	16.6	16.8	17.1	17.5	16.4	16.6	16.8	17.1	17.5
	8H	16.3	16.5	16.8	17.0	17.5	16.3	16.5	16.8	17.0	17.5
	12H	16.2	16.4	16.8	16.9	17.4	16.2	16.4	16.8	16.9	17.4
12H	4H	16.4	16.7	16.9	17.1	17.6	16.4	16.7	16.9	17.1	17.6
	6H	16.3	16.5	16.8	17.0	17.5	16.3	16.5	16.8	17.0	17.5
	8H	16.2	16.4	16.8	16.9	17.4	16.2	16.4	16.8	16.9	17.4

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