

Last information update: May 2025

Product configuration: QC33

QC33: Palco linear recess 3 x Ø51 - flood - remote driver



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Product code

QC33: Palco linear recess 3 x Ø51 - flood - remote driver Attention! Code no longer in production

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.

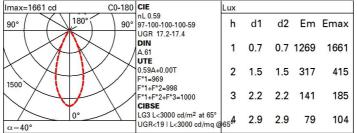
Installation

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.

	Weight (Kg) 1.1						
y line.							
le.							
		Complies with EN60598-1 and pertinent regulation					
B ERC							
	ly line. Die.						

Technical data			
Im system:	2443	CRI (minimum):	90
W system:	45	Colour temperature [K]:	2700
Im source:	1380	MacAdam Step:	2
W source:	15	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W,	54.3	Lamp code:	LED
real value):		Number of lamps for optical	1
Im in emergency mode:	-	assembly:	
Total light flux at or above	0	ZVEI Code:	LED
an angle of 90° [Lm]:		Number of optical	3
Light Output Ratio (L.O.R.)	59	assemblies:	
[%]:		LED current [mA]:	400
Beam angle [°]:	40° / 41°		

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	53	50	48	46	49	47	47	45	76
1.0	55	52	50	49	52	50	50	48	81
1.5	58	56	54	53	55	54	53	52	87
2.0	60	58	57	56	58	57	56	54	92
2.5	61	60	59	58	59	58	58	56	95
3.0	62	61	60	60	60	59	59	57	97
4.0	62	62	62	61	61	61	60	58	99
5.0	63	62	62	62	61	61	60	59	100

Luminance curve limit

	C0-18	0 -					-				C	90-270							
45°	10 ²		2	3	4	5	6	8	10 ³		2	3	4	5	6	8	104	cd/r	n²
55°	-				+		-		-				\checkmark			7		-	a h
65°			_	-	+	-	-					~				-		-	2
75°	-			2						$\left\{ \cdot \right\}$	\neg	4	\leq	\downarrow	-	-	-		4
85°	====								-			\neg	П		T	T	1		8
	С		1.85					_		2000				10	00		500	<	-300
	в		1.50				20	000		1000		750		50	0		<-300		
QC	A	G	1.15	20	000		10	000		500				<-3	800				

UGR diagram

Rifle	ot -										
ceil/c		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl.		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
	n dim	1010100	052555	viewed	1	12212201	1010000	2.000	viewed	052555	10,000
x	У		c	rosswis	е	endwise					
2H	2H	17.8	18.4	18.1	18.6	18.9	17.9	18.6	18.2	18.8	19.1
	3H	17.7	18.2	18.0	18.5	18.8	17.8	18.4	18.2	18.7	19.0
	4H	17.6	18.1	17.9	18.4	18.7	17.8	18.3	18.1	18.6	18.9
	6H	17.5	18.0	17.9	18.3	18.6	17.7	18.2	18.0	18.5	18.8
	BH	17.5	17.9	17.8	18.3	18.6	17.7	18.1	18.0	18.4	18.8
	12H	17.4	17.9	17.8	18.2	18.6	17.6	18.1	18.0	18.4	18.8
4H	2H	17.6	18.1	17.9	18.4	18.7	17.7	18.3	18.1	18.6	18.
	ЗH	17.5	17.9	17.8	18.2	18.6	17.6	18.1	18.0	18.4	18.
	4H	17.4	17.8	17.8	18.1	18.5	17.5	17.9	17.9	18.3	18.
	6H	17.3	17.6	17.7	18.0	18.4	17.4	17.8	17.9	18.2	18.
	BH	17.2	17.6	17.7	18.0	18.4	17.4	17.7	17.8	18.1	18.
	12H	17.2	17.5	17.6	17.9	18.4	17.3	17.6	17.8	18.1	18.
вн	4H	17.2	17.6	17.7	18.0	18.4	17.4	17.7	17.8	18.1	18.
	6H	17.1	17.4	17.6	17.8	18.3	17.3	17.6	17.8	18.0	18.
	HS	17.1	17.3	17.6	17.8	18.3	17.3	17.5	17.7	17.9	18.4
	12H	17.0	17.2	17.5	17.7	18.2	17.2	17.4	17.7	17.9	18.
12H	4H	17.2	17.5	17.6	17.9	18.4	17.3	17.6	17.8	18.1	18.
	6H	17.1	17.3	17.6	17.8	18.3	17.3	17.5	17.7	17.9	18.4
	8H	17.0	17.2	17.5	17.7	18.2	17.2	17.4	17.7	17.9	18.
Varia	ations wi	th the ot	oserverp	osition	at spacin	ig:					
S =	1.0H		4	.9 / -7	9	4.9 / -8.1					
	1.5H		7.	7 / -11	8.	7.6 / -12.3					