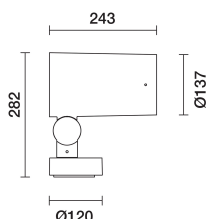


Configuraciones productos: EF38

EF38: Luminaria con base - Led Neutral White - Alimentación Electrónica Integrada - Óptica Super Spot



EF38: Luminaria con base - Led Neutral White - Alimentación Electrónica Integrada - Óptica Super Spot

Luminaria para lámparas de led, Optica Super Spot. Con cuerpo óptico y base de aleación de aluminio EN1706AC 46100LF sometidos a un pretratamiento multi fase de desengrasado, flúor-zirconio (capa de protección superficial) y sellado (capa nanoestructurada de silanos). Pintura acrílica líquida y cocción a 150 °C para proporcionar alta resistencia a los agentes atmosféricos y a los rayos UV. Cristal de cierre sódico-cálcico templado de 5 mm de espesor. La doble orientabilidad permite una rotación de 360° alrededor del eje vertical y una inclinación de 90° respecto al plano horizontal. Bloqueos mecánicos del direccionamiento tanto para la rotación alrededor del eje vertical como respecto al plano horizontal. Incorpora circuito led monocromático con sistema óptico Opti Beam Lens. Incluye prensacable PG13,5. Alimentador electrónico DALI integrado en el producto. Compatible con accesorios ópticos con montaje externo mediante marco de soporte de accesorios. Todos los tornillos externos son de acero inoxidable A2.

Instalación en pavimento, pared, techo y poste.

Blanco (01) | Negro (04) | Gris (15) | Marrón óxido (F5)

5.5

fijación en pared|superficie de tierra|a la pared|en el techo

Doble PG.

Se conforma con EN60598-1 y regulaciones pertinentes



Im de sistema:	1308	Life time (vida útil) LED 2:	100,000h - L90 - B10 (Ta 40°C)
W de sistema:	18.1	Código de lámpara:	LED
Im de la fuente:	2180	Número de lámparas por grupo óptico:	1
W de la fuente:	15	Código ZVEI:	LED
Eficiencia luminosa (lm/W, valor del sistema):	72.3	Número de grupos ópticos:	1
Im en modo emergencia:	-	Rango de temperatura ambiente operativa:	de -30°C a 50°C.
Flujo total de emisión en un ángulo de 90° o superior [Lm]:	0	Duración de la vida del producto a temperatura ambiente:	≥ 50.000h Ta=40°C
Light Output Ratio (L.O.R.) [%]:	60	Factor de potencia:	Ver Hoja de instrucciones
Ángulo de apertura del haz de luz [°]:	10°	Corriente de entrada:	15 A / 360 µs
CRI (mínimo):	80	Número máximo de luminarias por interruptor automático:	B10A: 14 Luminarias B16A: 23 Luminarias C10A: 23 Luminarias C16A: 39 Luminarias
Temperatura de color [K]:	4000	% mínimo de dimerización:	10
MacAdam Step:	2	Protección al sobrevoltaje:	10kV Modo común y 6kV Modo diferencial
Life time (vida útil) LED 1:	100,000h - L90 - B10 (Ta 25°C)	Control:	DALI-2

The figure shows a light distribution diagram (photometric curve) and a corresponding data table. The diagram is a polar plot with the vertical axis representing the beam angle α from 0° to 90°. The horizontal axis represents the beam diameter. The maximum beam diameter is 36000 mm. The maximum luminous intensity is 34198 cd. The beam diameter at 0° is 18000 mm. The beam diameter at 90° is 36000 mm. The beam diameter at 45° is 25456 mm. The beam diameter at 30° is 18000 mm. The beam diameter at 15° is 9000 mm. The beam diameter at 7.5° is 4500 mm. The beam diameter at 3.75° is 2250 mm. The beam diameter at 1.875° is 1125 mm. The beam diameter at 0.9375° is 562.5 mm. The beam diameter at 0.46875° is 281.25 mm. The beam diameter at 0.234375° is 140.625 mm. The beam diameter at 0.1171875° is 70.3125 mm. The beam diameter at 0.05859375° is 35.15625 mm. The beam diameter at 0.029296875° is 17.578125 mm. The beam diameter at 0.0146484375° is 8.7890625 mm. The beam diameter at 0.00732421875° is 4.39453125 mm. The beam diameter at 0.003662109375° is 2.197265625 mm. The beam diameter at 0.0018310546875° is 1.0986328125 mm. The beam diameter at 0.00091552734375° is 0.54931640625 mm. The beam diameter at 0.000457763671875° is 0.274658203125 mm. The beam diameter at 0.0002288818359375° is 0.1373291015625 mm. The beam diameter at 0.00011444091796875° is 0.06866455078125 mm. The beam diameter at 0.000057220458984375° is 0.034332275390625 mm. The beam diameter at 0.0000286102294921875° is 0.0171661376953125 mm. The beam diameter at 0.00001430511474609375° is 0.00858306884765625 mm. The beam diameter at 0.000007152557373046875° is 0.004291534423828125 mm. The beam diameter at 0.0000035762786865234375° is 0.0021457672119140625 mm. The beam diameter at 0.00000178813934326171875° is 0.00107288360595703125 mm. The beam diameter at 0.000000894069671630859375° is 0.000536441802978515625 mm. The beam diameter at 0.0000004470348358154296875° is 0.0002682209014892578125 mm. The beam diameter at 0.00000022351741790771484375° is 0.00013411045074462890625 mm. The beam diameter at 0.000000111758708953857421875° is 0.000067055225372314453125 mm. The beam diameter at 0.0000000558793544769287109375° is 0.0000335276126861572265625 mm. The beam diameter at 0.00000002793967723846435546875° is 0.00001676380634307861328125 mm. The beam diameter at 0.000000013969838619232177734375° is 0.000008381903171539306640625 mm. The beam diameter at 0.0000000069849193096160888671875° is 0.0000041909515857696533203125 mm. The beam diameter at 0.00000000349245965480804443359375° is 0.00000209547579288482666015625 mm. The beam diameter at 0.000000001746229827404022216796875° is 0.000001047737896442413330078125 mm. The beam diameter at 0.0000000008731149137020111083984375° is 0.0000005238689482212066650390625 mm. 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Isolux

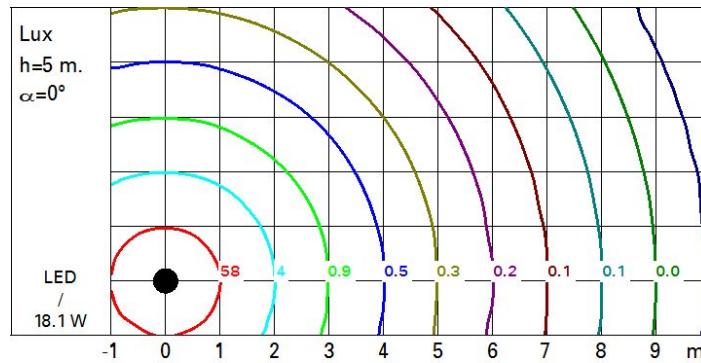


Diagrama UGR

Corrected UGR values (at 2180 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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		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	4.7	6.7	5.1	7.0	7.4	4.7	6.7	5.1	7.0	7.4	
	3H	5.1	6.2	5.4	6.5	6.8	5.2	6.3	5.5	6.6	6.9	
	4H	5.1	5.8	5.4	6.1	6.4	5.2	6.0	5.6	6.3	6.6	
	6H	5.0	5.5	5.4	5.8	6.1	5.2	5.7	5.6	6.0	6.3	
	8H	4.9	5.6	5.3	5.9	6.2	5.1	5.8	5.5	6.1	6.4	
	12H	4.8	5.7	5.2	6.0	6.4	5.0	5.8	5.4	6.2	6.6	
4H	2H	5.2	6.0	5.6	6.3	6.6	5.1	5.8	5.4	6.1	6.4	
	3H	5.4	6.2	5.8	6.6	6.9	5.3	6.1	5.7	6.5	6.8	
	4H	5.1	6.4	5.6	6.8	7.2	5.1	6.4	5.6	6.8	7.2	
	6H	4.8	6.7	5.3	7.1	7.6	4.8	6.7	5.3	7.1	7.6	
	8H	4.7	6.7	5.2	7.1	7.6	4.7	6.7	5.2	7.1	7.6	
	12H	4.6	6.5	5.1	7.0	7.5	4.7	6.5	5.2	7.0	7.5	
8H	4H	4.7	6.7	5.2	7.1	7.6	4.7	6.7	5.2	7.1	7.6	
	6H	4.7	6.2	5.2	6.7	7.2	4.7	6.2	5.2	6.7	7.2	
	8H	4.8	5.9	5.3	6.4	6.9	4.8	5.9	5.3	6.4	6.9	
	12H	5.0	5.5	5.5	6.0	6.5	5.0	5.5	5.5	6.0	6.5	
12H	4H	4.7	6.5	5.2	7.0	7.5	4.6	6.5	5.1	7.0	7.5	
	6H	4.8	5.9	5.3	6.4	6.9	4.8	5.9	5.3	6.4	6.9	
	8H	5.0	5.5	5.5	6.0	6.5	5.0	5.5	5.5	6.0	6.5	
Variations with the observer position at spacing:												
S =		1.0H	0.5 / -0.8				0.5 / -0.8					
		1.5H	0.7 / -1.4				0.7 / -1.4					
		2.0H	1.0 / -7.8				1.0 / -7.8					