iGuzzini

Last information update: April 2024

Product configuration: EI70

EI70: Spotlight with base - Neutral White Led - integrated electronic control gear - Medium optic



243

Ø120

282

Ø137

Product code

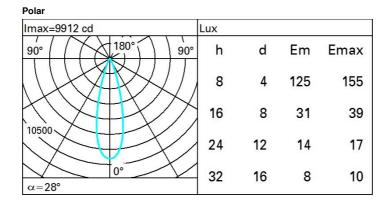
EI70: Spotlight with base - Neutral White Led - integrated electronic control gear - Medium optic

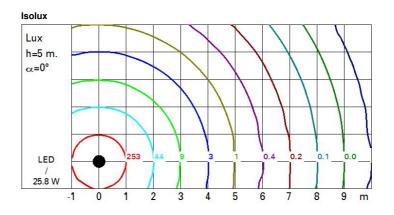
Technical description

Spotlight designed to use LED lamps and a Medium optic. The optical assembly and base is made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. 5 mm thick tempered sodium-calcium closing glass. Double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and horizontal plane. Complete with a monochrome LED circuit and an Opti Beam Lens optic system. The product includes a PG13.5 cable gland. Electronic DALI ballast integrated in product. Option of using optic accessories assembled via a pagesseave belder frame. All octranal earners used are made of A2 stripleses total. accessories assembled via an accessory holder frame. All external screws used are made of A2 stainless steel.

Mounting wall arm ground surface wall surface ceiling surface Wiring	0						
	wall arm gro	round surf	ace wall sur	face ceiling	surface		
Double PG. Complies with EN60598-1 and pertinent rec	Wiring Double PG.	i.					

Technical data					
Im system:	2694	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		
W system:	25.8	Lamp code:	LED		
Im source:	3410	Number of lamps for optical	1		
W source:	22	assembly:			
Luminous efficiency (Im/W,	104.4	ZVEI Code:	LED		
real value):		Number of optical	1		
Im in emergency mode:	-	assemblies:			
Total light flux at or above	0	Intervallo temperatura	from -30°C to 35°C.		
an angle of 90° [Lm]:		ambiente:			
Light Output Ratio (L.O.R.)	79	Lifetime of product at	≥ 50.000h Ta=25°C		
[%]:		ambient operating			
Beam angle [°]:	28°	temperature:			
CRI (minimum):	80	Power factor:	See installation instructions		
Colour temperature [K]:	4000	Inrush current:	21 A / 300 μs		
MacAdam Step:	2	Maximum number of			
•		luminaires of this type per	B10A: 13 luminaires		
		miniature circuit breaker:	B16A: 21 luminaires		
			C10A: 21 luminaires		
			C16A: 35 luminaires		
		Overvoltage protection:	10kV Common mode & 6kV Differential mode		
		Control:	DALI-2		





UGR diagram

	ct.:										
ceil/cav		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
Room dim				viewed					viewed		
x	У		c	eiweeor	e				endwise		
2H	2H	11.2	13.1	11.5	13.4	13.8	11.2	13.1	11.5	13.4	13.8
	ЗН	11.1	12.6	11.4	12.9	13.3	11.1	12.6	11.4	12.9	13.3
	4H	11.0	12.3	11.4	12.6	13.0	11.0	12.3	11.4	12.7	13.0
	6H	11.0	12.0	11.3	12.3	12.7	11.0	12.0	11.4	12.4	12.7
	BH	10.9	11.9	11.3	12.3	12.7	10.9	12.0	11.3	12.3	12.7
	12H	10.9	11.9	11.3	12.2	12.6	10.9	11.9	11.3	12.2	12.0
4H	2H	11.0	12.3	11.4	12.7	13.0	11.0	12.3	11.4	12.6	13.0
	ЗH	11.0	12.0	11.4	12.3	12.7	11.0	12.0	11.4	12.3	12.
	4H	10.9	11.8	11.3	12.2	12.6	10.9	11.8	11.3	12.2	12.0
	6H	10.5	12.1	11.0	12.5	13.0	10.5	12.1	11.0	12.5	13.0
	HS	10.4	12.2	10.9	12.6	13.1	10.4	12.2	10.9	12.6	13.1
	12H	10.3	12.1	10.8	12.6	13.1	10.3	12.1	10.8	12.6	13.1
вн	4H	10.4	12.2	10.9	12.6	13.1	10.4	12.2	10.9	12.6	13.
	6H	10.3	12.0	10.8	12.5	13.0	10.3	12.0	10.8	12.5	13.0
	BH	10.2	11.8	10.8	12.3	12.8	10.2	11.8	10.8	12.3	12.8
	12H	10.4	11.4	10.9	11.9	12.5	10.4	11.4	10.9	11.9	12.5
12H	4H	10.3	12.1	10.8	12.6	13.1	10.3	1 <mark>2.</mark> 1	10.8	12.6	13.1
	6H	10.2	11.8	10.8	12.3	12.8	10.2	11.8	10.8	12.3	12.8
	H8	10.4	11.4	10.9	11.9	12.5	10.4	11.4	10.9	11.9	12.5
Varia	tions wi	th the ot	oserver p	osition	at spacin	g:					
S =	1.0H		.1 / -5	.4	3.1 / -5.4						
	1.5H	0.8- / 0.0					0.8- / 0.5				