Design Artec Studio

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Product configuration: Q728

Q728: Spotlight with base - Warm White Led - integrated electronic control gear - Medium optic



Product code

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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 an accessory holder frame. All external screws used are made of A2 stainless steel.



Floor, wall, ceiling or ground-installed via pole or stake.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

3.85



wall surface|ground spike

Wiring

Double PG.

IK07











Minimum dimming %:

Control:











208 Ø120

Technical data	
Im system:	1386
W system:	14.3
Im source:	1800
W source:	12
Luminous efficiency (lm/W, real value):	96.9
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	77
Beam angle [°]:	24°
CRI (minimum):	80
Colour temperature [K]:	3000
MacAdam Step:	2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)

100,000h - L90 - B10 (Ta 40°C) Life Time LED 2: Lamp code: LED Number of lamps for optical 1 assembly: ZVFI Code: LFD Number of optical assemblies: Intervallo temperatura from -20°C to 50°C. ambiente: ≥ 50.000h Ta=40°C Lifetime of product at ambient operating temperature: Power factor: See installation instructions Inrush current: 5 A / 220 μs Maximum number of luminaires of this type per B10A: 81 luminaires B16A: 130 luminaires miniature circuit breaker: C10A: 135 luminaires C16A: 221 luminaires

DALI-2

Polar

lmax=6268 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	8	3.4	79	98
	16	6.8	20	24
6000	24	10.2	9	11
α=24°	32	13.6	5	6

Lux h=5 m. α=0° LED 134 20 4 1 0.4 0.2 0.1 0.0 0.0 14.3 W

UGR diagram

Section 1	ected oc	in value:	s (at 100)	u im bar	e lamp lu	ım inous	flux)					
Rifle	ct.:											
ce il/c	av	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	У		(eiweeor	е			-	endwise	le:		
2H	2H	8.9	10.9	9.3	11.2	11.5	8.9	10.9	9.3	11.2	11.	
	ЗН	8.8	10.3	9.1	10.6	10.9	8.8	10.3	9.2	10.6	11.0	
	4H	8.7	10.0	9.1	10.3	10.6	8.7	10.0	9.1	10.3	10.	
	бН	8.7	9.7	9.0	10.0	10.3	8.7	9.7	9.1	10.0	10.	
	ВН	8.6	9.6	9.0	9.9	10.3	8.6	9.6	9.0	10.0	10.	
	12H	8.6	9.5	9.0	9.9	10.3	8.6	9.6	9.0	9.9	10.	
4H	2H	8.7	10.0	9.1	10.3	10.7	8.7	10.0	9.1	10.3	10.	
	ЗН	8.6	9.6	9.0	9.9	10.3	8.6	9.6	9.0	9.9	10.	
	4H	8.5	9.4	8.9	9.8	10.2	8.5	9.4	8.9	8.8	10.	
	6H	8.1	9.7	8.6	10.2	10.6	8.1	9.7	8.6	10.2	10.	
	HS	0.8	8.8	8.5	10.3	10.7	0.8	9.8	8.5	10.3	10.	
	12H	7.9	8.8	8.4	10.2	8.01	7.9	9.8	8.4	10.2	10.	
8Н	4H	8.0	9.8	8.5	10.3	10.7	0.8	9.8	8.5	10.3	10.	
	6H	7.9	9.6	8.4	10.1	10.6	7.9	9.6	8.4	10.1	10.	
	HS	7.9	9.4	8.4	9.9	10.4	7.9	9.4	8.4	9.9	10.	
	12H	0.8	9.0	8.5	9.5	10.1	0.8	9.0	8.5	9.5	10.	
12H	4H	7.9	9.8	8.4	10.2	10.8	7.9	9.8	8.4	10.2	10.	
	бН	7.9	9.4	8.4	9.9	10.4	7.9	9.4	8.4	9.9	10.	
	H8	0.8	9.0	8.5	9.5	10.1	0.8	9.0	8.5	9.5	10.	
Varia	tions wi	th the ol	oserverp	noitieo	at spacin	g:						
S =	1.0H		3	.9 / -6	8			3	.9 / -6.	8		
	1.5H		6.	5 / -12	.5			6.	5 / -12	.5		