Design Artec Studio

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Last information update: April 2024

Product configuration: Q734

Q734: Spotlight with base - Warm White Led - integrated electronic control gear - Very Wide Flood optic



208

Ø120

Product code

Q734: Spotlight with base - Warm White Led - integrated electronic control gear - Very Wide Flood optic

Technical description

Spotlight designed to use LED lamps and a Very Wide Flood 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 Reflector 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.

Installation

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

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

Mounting

wall surface|ground spike

Wiring

Double PG.













Control:

Weight (Kg)

3.85









Technical data Im system: 1756 W system: 16.1 Im source: 2090 W source: 14 Luminous efficiency (lm/W, 109 real value): Im in emergency mode: Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 84 [%]: Beam angle [°]: 80° CRI (minimum): 80 Colour temperature [K] 3000 MacAdam Step: Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C)

Life Time LED 2: 100,000h - L90 - B10 (Ta 40°C) Lamp code: LED Number of lamps for optical 1 assembly: ZVEI Code: LFD Number of optical assemblies: from -20°C to 45°C. Intervallo temperatura ambiente: Lifetime of product at ≥ 50.000h Ta=40°C 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 miniature circuit breaker: B16A: 130 luminaires C10A: 135 luminaires C16A: 221 luminaires Minimum dimming %:

DALI-2

Polar

lmax=1255 cd	Lux					
90° 180° 90°	h	d	Em	Emax		
	2	3.4	220	289		
	4	6.8	55	72		
1000	6	10.1	24	32		
α=80°	8	13.5	14	18		

Isolux Lux h=5 m. α=0° 0.5 0.0 LED 16.1 W m -1 0 2 3 5 8 9

UGR diagram

Rifle		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceil/cav walls work pl. Room dim		0.70	0.30	0.50 0.50 0.20 viewed	0.30 0.20	0.30 0.30 0.20	0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20 viewed	0.30	0.30 0.30 0.20
		0.20									
2H	2H	23.2	23.8	23.4	24.0	24.3	23.2	23.8	23.4	24.0	24.3
	3H	23.0	23.6	23.3	23.9	24.1	23.0	23.6	23.3	23.9	24.1
	4H	23.0	23.5	23.3	23.8	24.1	23.0	23.5	23.3	23.8	24.1
	бН	22.9	23.4	23.2	23.7	24.0	22.9	23.4	23.2	23.7	24.0
	нв	22.8	23.3	23.2	23.6	24.0	22.8	23.3	23.2	23.6	24.0
	12H	22.8	23.2	23.2	23.6	23.9	22.8	23.2	23.2	23.6	23.9
4H	2H	23.0	23.5	23.3	23.8	24.1	23.0	23.5	23.3	23.8	24.1
	ЗН	22.8	23.2	23.2	23.6	23.9	22.8	23.2	23.2	23.6	23.9
	4H	22.7	23.1	23.1	23.5	23.9	22.7	23.1	23.1	23.5	23.9
	бН	22.6	23.0	23.1	23.4	23.8	22.6	23.0	23.1	23.4	23.8
	HS	22.6	22.9	23.0	23.3	23.7	22.6	22.9	23.0	23.3	23.7
	12H	22.5	22.8	23.0	23.2	23.7	22.5	22.8	23.0	23.2	23.7
вн	4H	22.6	22.9	23.0	23.3	23.7	22.6	22.9	23.0	23.3	23.7
	6H	22.5	22.7	23.0	23.2	23.7	22.5	22.7	23.0	23.2	23.7
	HS	22.4	22.7	22.9	23.1	23.6	22.4	22.7	22.9	23.1	23.6
	12H	22.4	22.6	22.9	23.1	23.6	22.4	22.6	22.9	23.1	23.6
12H	4H	22.5	22.8	23.0	23.2	23.7	22.5	22.8	23.0	23.2	23.7
	6H	22.4	22.7	22.9	23.1	23.6	22.4	22.7	22.9	23.1	23.6
	HS	22.4	22.6	22.9	23.1	23.6	22.4	22.6	22.9	23.1	23.6
Varia	tions wi	th the ob	server p	noitieo	at spacin	g:					
S =	1.0H		3.	5 / -18	.1			3.	5 / -18	.1	
	1.5H		5.	5 / -28	.2			5.	5 / -28	.2	
	2.0H		7.	5 / -29	2			7.	5 / -29	2	