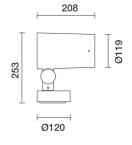
Last information update: May 2018





Spotlight with base - Warm White Led - integrated electronic control gear - Spot optic

Product code

Q724

Technical description

Spotlight designed to use LED lamps and a Spot 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.

Installation

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

Dimension (mm)

Ø119

Colour

White (01) | Grey (15)

Weight (Kg)

3.85

Mounting

wall surface|ground spike

Wiring

Double PG.

Complies with EN60598-1 and pertinent regulations













Product configuration: Q724

Product characteristics

Total lighting output [Lm]: 1360 Total power [W]: 14.3 Luminous efficacy [Lm/W]: 95.1

Luminous efficacy [Lm/W]: 95.1 Life Time: 100,000h - L80 - B10 (Ta 25°C) Ambient temperature range: from -20°C to +35°C. (*)

* Preliminary data

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: /

Voltage [V]: -

Life Time: 95,000h - L80 - B10 (Ta 40°C)

Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 80 Lamp code: LED

ZVEI Code: LED Nominal power [W]: 12 Nominal luminous [Lm]: 1700 Lamp maximum intensity [cd]: /

Lamp maximum intensity [cd]: /
Beam angle [°]: 14°

Number of lamps for optical assembly: 1

Socket: /

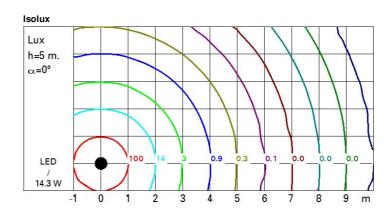
Ballast losses [W]: 2.3 Colour temperature [K]: 2700

CRI: 80

Wavelength [Nm]: / MacAdam Step: 2

Polar

Imax=15355 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	0.5	2955	3839
	4	1	739	960
17500	6	1.5	328	427
α=14°	8	2	185	240



UGR diagram

00110	cted Ot	on value:	3 (at 170	U IIII Dali	e lamp ii	eu oni mu	llux)				
Rifle	et.:										
ceil/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 x y		PAVEGG		viewed			8-33500		viewed		
			(crosswis	sswise			endwise	t i		
2H	2H	6.1	8.1	6.5	8.4	8.7	6.1	8.1	6.5	8.4	8.7
	ЗН	6.0	7.3	6.4	7.6	0.8	6.0	7.4	6.4	7.7	8.0
	4H	5.9	7.0	6.3	7.3	7.6	6.0	7.0	6.3	7.3	7.7
	бН	5.9	6.7	6.3	7.0	7.3	5.9	6.7	6.3	7.0	7.4
	8H	5.8	6.7	6.2	7.0	7.4	5.9	6.7	6.3	7.0	7.
	12H	5.8	6.7	6.2	7.0	7.4	5.8	6.7	6.2	7.1	7.
4H	2H	6.0	7.0	6.3	7.3	7.7	5.9	7.0	6.3	7.3	7.0
	ЗН	5.8	6.7	6.2	7.1	7.4	5.8	6.7	6.2	7.1	7.
	4H	5.6	6.7	6.0	7.1	7.5	5.6	6.7	6.0	7.1	7.5
	6H	5.3	7.0	5.8	7.4	7.9	5.3	7.0	5.8	7.4	7.9
	HS	5.2	7.0	5.6	7.5	0.8	5.2	7.0	5.6	7.5	8.6
	12H	5.1	6.9	5.6	7.4	7.9	5.1	6.9	5.6	7.4	7.9
8H	4H	5.2	7.0	5.6	7.5	0.8	5.2	7.0	5.6	7.5	8.6
	6H	5.1	6.7	5.6	7.2	7.7	5.1	6.7	5.6	7.2	7.
	HS	5.1	6.4	5.6	6.9	7.5	5.1	6.4	5.6	6.9	7.5
	12H	5.2	6.1	5.8	6.6	7.1	5.2	6.1	5.8	6.6	7.
12H	4H	5.1	6.9	5.6	7.4	7.9	5.1	6.9	5.6	7.4	7.9
	бН	5.1	6.4	5.6	6.9	7.5	5.1	6.4	5.6	6.9	7.5
	HS	5.2	6.1	5.8	6.6	7.1	5.2	6.1	5.8	6.6	7.
Varia	tions wi	th the ol	oserverp	noitieo	at spacir	ng:					
S =	1.0H		3	.3 / -7	.4			3	.3 / -7.	4	
	1.5H		5	9 / -14	1.1			5.	9 / -14	.1	