iGuzzini

Last information update: March 2025

Product configuration: Q724

Q724: Spotlight with base - Warm White Led - integrated electronic control gear - Spot optic



Product code

Q724: Spotlight with base - Warm White Led - integrated electronic control gear - Spot optic

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.



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

Colour Weight (Kg) White (01) | Black (04) | Grey (15) | Rust Brown (F5) 3.85



wall surface|ground spike

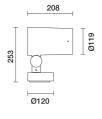
Wiring

Double PG.

Complies with EN60598-1 and pertinent regulations [8] CE EHC NOM: **© IP66** IK07

Minimum dimming %:

Control:



Technical data			
Im system:	1360	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	14.3	Lamp code:	LED
Im source:	1700	Number of lamps for optical	1
W source:	12	assembly:	
Luminous efficiency (lm/W,	95.1	ZVEI Code:	LED
real value):		Number of optical	1
Im in emergency mode:	-	assemblies:	
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -20°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	80	Lifetime of product at ambient operating	≥ 50.000h Ta=40°C
Beam angle [°]:	13°	temperature:	
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	2700	Inrush current:	5 A / 220 μs
MacAdam Step:	2	Maximum number of	
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	luminaires of this type per miniature circuit breaker:	B10A: 81 luminaires B16A: 130 luminaires C10A: 135 luminaires

P	o	la	ar
•	•	••	••

Imax=15355 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	8	1.9	185	240
	16	3.8	46	60
17500	24	5.7	21	27
α=13°	32	7.5	12	15

C16A: 221 luminaires

DALI-2

Lux h=5 m. α=0° LED 100 14 3 0.9 0.3 0.1 0.0 0.0 0.0 14.3 W

UGR diagram

D:#											
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 x y		0.50	0 0.30 0 0.20	0.50	0.50 0.30 0.20 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	0.50 0.30 0.20	0.30 0.30 0.20
		crosswise								endwise	
		2H	2H	6.1	8.1	6.5	8.4	8.7	6.1	8.1	6.5
5	3H	6.0	7.3	6.4	7.6	8.0	6.0	7.4	6.4	7.7	0.8
	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
	ВН	5.8	6.7	6.2	7.0	7.4	5.9	6.7	6.3	7.0	7.4
	12H	5.8	6.7	6.2	7.0	7.4	5.8	6.7	6.2	7.1	7.4
4H	2H	6.0	7.0	6.3	7.3	7.7	5.9	7.0	6.3	7.3	7.6
	ЗН	5.8	6.7	6.2	7.1	7.4	5.8	6.7	6.2	7.1	7.4
	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	0.8
	12H	5.1	6.9	5.6	7.4	7.9	5.1	6.9	5.6	7.4	7.9
вн	4H	5.2	7.0	5.6	7.5	0.8	5.2	7.0	5.6	7.5	8.0
	6H	5.1	6.7	5.6	7.2	7.7	5.1	6.7	5.6	7.2	7.7
	ВН	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	7.1
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	7.1
Varia	tions wi	th the ol	bserverp	noitien	at spacir	ıg:					
S =	1.0H		3	.3 / -7	4			3	.3 / -7.	4	
	1.5H	5.9 / -14.1				5.9 / -14.1					
	2.0H	7.9 / -23.9				7.9 / -23.9					