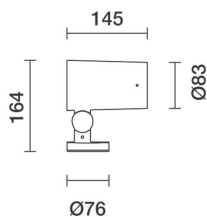## Palco InOut

Design Artec Studio **iGuzzini**

Last information update: July 2025

Product configuration: Q717.01
Q717.01: Spotlight with base - Neutral White Led - Class III - Wide Flood optic - 16W 1880.2lm - 4000K - White

Product code
Q717.01: Spotlight with base - Neutral White Led - Class III - Wide Flood optic - 16W 1880.2lm - 4000K - White

Technical description
Spotlight designed to use LED lamps. 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. Black rubber outlet cable complete with anti-transpiration device. Black rubber outlet cable complete with anti-transpiration device. Electronic ballast to be ordered separately. 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 a stake.

Colour	Weight (Kg)
White (01)	1.3

Mounting
wall surface|ground spike

Wiring
The product is supplied with a black rubber outlet cable complete with anti-transpiration device L=1000mm.
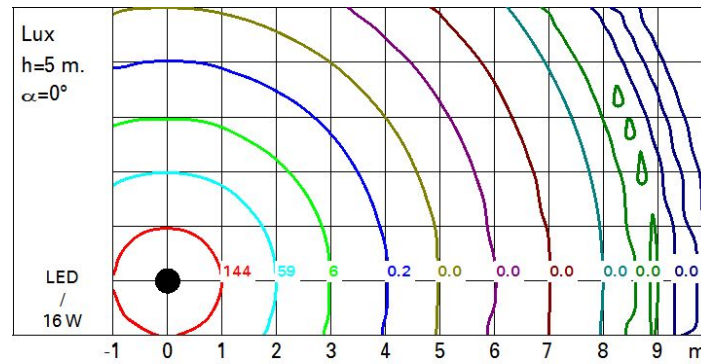
Complies with EN60598-1 and pertinent regulations

III IK07 IP66 CE UKCA 03 S EAC QCERT NOM 5

Technical data

lm system:	1880	Rg (Gamut Index):	94
W system:	16	Colour temperature [K]:	4000
lm source:	2380	MacAdam Step:	2
W source:	16	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	117.5	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	40°	Intervallo temperatura ambiente:	from -30°C to 35°C.
CRI (minimum):	80	Lifetime of product at ambient operating temperature:	≥ 50.000h Ta=25°C
Rf (Colour Fidelity Index):	83	LED current [mA]:	470

Polar

Imax=4409 cd

h	d	Em	Emax
4	2.9	219	276
8	5.9	55	69
12	8.8	24	31
16	11.8	14	17

α=40°

Isolux

Lux
h=5 m.
α=0°

LED
/
16 W

144 59 6 0.2 0.0 0.0 0.0 0.0 0.0 0.0

-1 0 1 2 3 4 5 6 7 8 9 m

UGR diagram

Corrected UGR values (at 2380 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		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	y			crosswise					endwise		
2H	2H	6.1	6.7	6.4	6.9	7.1	6.1	6.7	6.4	6.9	7.1
	3H	6.0	6.5	6.3	6.8	7.1	6.0	6.5	6.3	6.8	7.0
	4H	6.0	6.4	6.3	6.7	7.0	5.9	6.4	6.3	6.7	7.0
	6H	5.9	6.3	6.2	6.6	7.0	5.9	6.3	6.2	6.6	6.9
	8H	5.9	6.3	6.2	6.6	6.9	5.8	6.2	6.2	6.6	6.9
	12H	5.8	6.2	6.2	6.6	6.9	5.8	6.2	6.2	6.5	6.9
4H	2H	5.9	6.4	6.3	6.7	7.0	6.0	6.4	6.3	6.7	7.0
	3H	5.8	6.2	6.2	6.6	6.9	5.8	6.2	6.2	6.6	6.9
	4H	5.8	6.1	6.2	6.5	6.9	5.8	6.1	6.2	6.5	6.9
	6H	5.7	6.0	6.1	6.4	6.8	5.7	6.0	6.1	6.4	6.8
	8H	5.7	5.9	6.1	6.4	6.8	5.7	5.9	6.1	6.3	6.8
	12H	5.6	5.9	6.1	6.3	6.8	5.6	5.9	6.1	6.3	6.7
8H	4H	5.7	5.9	6.1	6.3	6.8	5.7	5.9	6.1	6.4	6.8
	6H	5.6	5.8	6.0	6.3	6.7	5.6	5.8	6.1	6.3	6.7
	8H	5.5	5.7	6.0	6.2	6.7	5.5	5.7	6.0	6.2	6.7
	12H	5.5	5.7	6.0	6.1	6.7	5.5	5.7	6.0	6.1	6.7
12H	4H	5.6	5.9	6.1	6.3	6.7	5.6	5.9	6.1	6.3	6.8
	6H	5.5	5.7	6.0	6.2	6.7	5.5	5.7	6.0	6.2	6.7
	8H	5.5	5.7	6.0	6.1	6.7	5.5	5.7	6.0	6.1	6.7

Variations with the observer position at spacing:

S =	1.0H	6.6 / -9.4	6.6 / -9.4
	1.5H	9.4 / -10.3	9.4 / -10.3
	2.0H	11.4 / -10.5	11.4 / -10.5