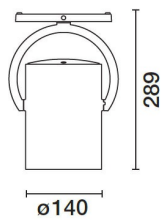


Last information update: May 2024

**Product configuration: P080**

P080: spotlight- neutral white - 46° optic

**Product code**P080: spotlight- neutral white - 46° optic **Attention! Code no longer in production****Technical description**

Pendant luminaire equipped with a three-phase adapter for electrified tracks or a base, made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (during maintenance operations too). Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit in neutral white colour 4,000K. Option of installing a flat accessory that can be either an elliptical distribution refractor, a soft lens filter or a louver.

**Installation**

pendant on an electrified track or special base

**Colour**

White (01) | Black (04) | White / Chrome (E4)

**Weight (Kg)**

2.4

**Mounting**

three circuit track

**Wiring**

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



IP20

IP40

for optical assembly

**Technical data**

lm system:	4024.4	CRI:	80
W system:	34.5	Colour temperature [K]:	4000
lm source:	5100	MacAdam Step:	2
W source:	31	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	116.6	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 [°]:	48°		

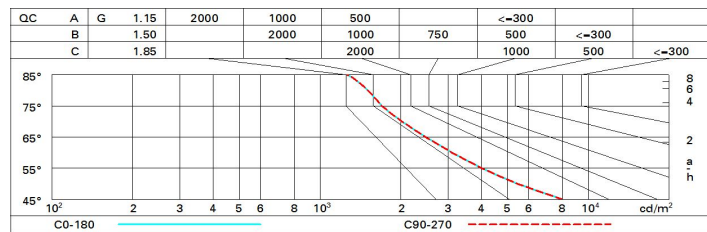
**Polar**

<p>Imax=7507 cd α=48°</p>	<b>CIE</b> nL 0.79 98-100-100-100-79 UGR 10.6-10.5 <b>DIN</b> A.61 <b>UTE</b> 0.79A+0.00T F*1=984 F*1+F*2=996 F*1+F*2+F*3=999 <b>CIBSE</b> BZ1				<b>Lux</b>			
	h	d	Em	Emax	h	d	Em	Emax
	2	1.8	1455	1870				
	4	3.6	364	468				
	6	5.3	162	208				
	8	7.1	91	117				

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	64	62	66	64	64	61	77
1.0	74	71	68	66	70	68	67	65	82
1.5	78	75	73	72	74	72	72	69	88
2.0	80	78	77	76	77	76	75	73	92
2.5	82	80	79	78	79	78	77	75	95
3.0	83	82	81	80	80	80	79	77	97
4.0	84	83	82	82	82	81	80	78	99
5.0	84	84	83	83	82	82	81	79	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 5100 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	10.6	11.2	10.9	11.5	11.7	10.6	11.2	10.9	11.5	11.7
	3H	10.7	11.2	11.0	11.5	11.8	10.6	11.1	10.9	11.4	11.7
	4H	10.7	11.2	11.0	11.5	11.8	10.5	11.0	10.9	11.3	11.6
	6H	10.6	11.1	11.0	11.4	11.7	10.5	10.9	10.8	11.3	11.6
	8H	10.6	11.1	11.0	11.4	11.7	10.4	10.9	10.8	11.2	11.6
	12H	10.6	11.0	11.0	11.4	11.7	10.4	10.8	10.8	11.2	11.5
4H	2H	10.5	11.0	10.9	11.3	11.6	10.7	11.2	11.0	11.5	11.8
	3H	10.6	11.0	11.0	11.4	11.7	10.6	11.1	11.0	11.4	11.8
	4H	10.6	11.0	11.0	11.4	11.7	10.6	11.0	11.0	11.4	11.7
	6H	10.6	11.0	11.0	11.4	11.8	10.6	10.9	11.0	11.3	11.7
	8H	10.6	10.9	11.1	11.3	11.8	10.5	10.8	11.0	11.3	11.7
	12H	10.6	10.9	11.0	11.3	11.8	10.5	10.8	11.0	11.2	11.7
8H	4H	10.5	10.8	11.0	11.3	11.7	10.6	10.9	11.1	11.3	11.8
	6H	10.6	10.8	11.0	11.3	11.8	10.6	10.9	11.1	11.3	11.8
	8H	10.6	10.8	11.1	11.3	11.8	10.6	10.8	11.1	11.3	11.8
	12H	10.6	10.8	11.1	11.2	11.8	10.6	10.7	11.1	11.2	11.7
12H	4H	10.5	10.8	11.0	11.2	11.7	10.6	10.9	11.0	11.3	11.8
	6H	10.5	10.8	11.0	11.2	11.7	10.6	10.8	11.1	11.3	11.8
	8H	10.6	10.7	11.1	11.2	11.7	10.6	10.8	11.1	11.2	11.8
Variations with the observer position at spacing:											
S =	1.0H	4.7 / -3.9					4.7 / -3.9				
	1.5H	7.4 / -4.8					7.4 / -4.8				
	2.0H	9.3 / -5.4					9.3 / -5.4				