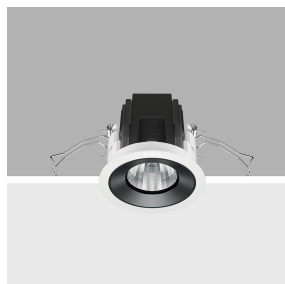


Last information update: May 2025

Product configuration: P341.47

P341.47: Fixed round recessed luminaire - LED - flood - 10W 979.6lm - 2700K - CRI 90 - Black / White

**Product code**

P341.47: Fixed round recessed luminaire - LED - flood - 10W 979.6lm - 2700K - CRI 90 - Black / White

Technical description

Round recessed luminaire with contact frame. Fixed version. The LED is set back to minimize glare. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - flood optic. Structure with die-cast aluminium external contact frame with a single white finish. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included Quick and easy tool free assembly. High color rendering index 2700K LED. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation hole Ø 75 mm.

Colour

Black / White (47)

Weight (Kg)

0.23

Mounting

wall recessed/ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available.

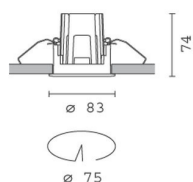
Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed

**Technical data**

Im system:	980	Rf (Colour Fidelity Index):	92
W system:	10	Rg (Gamut Index):	99
Im source:	1240	Colour temperature [K]:	2700
W source:	10	MacAdam Step:	2
Luminous efficiency (Im/W, real value):	98	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	79	ZVEI Code:	LED
Beam angle [°]:	26°	Number of optical assemblies:	1
CRI (minimum):	90	LED current [mA]:	300

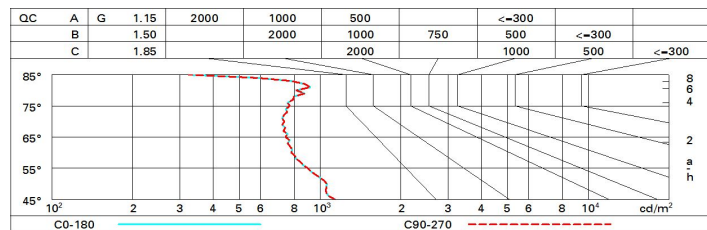
Polar

Imax=4197 cd	CIE nL 0.79 99-100-100-100-79 UGR <10-10 DIN A.61 UTE 0.79A+0.00T F*1=995 F*1+F*2=998 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m² at 65° UGR<10 L<1500 cd/mq @ 65°	Lux
90°		h d Em Emax
180°		2 0.9 847 1049
90°		4 1.8 212 262
4000		6 2.8 94 117
0°		8 3.7 53 66
α=26°		

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	74	71	69	67	70	68	68	65	83
1.5	78	76	74	72	75	73	72	70	88
2.0	80	79	77	76	78	76	75	73	93
2.5	82	81	80	79	79	78	78	76	96
3.0	83	82	81	80	81	80	79	77	98
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	84	83	83	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1240 lm bare lamp luminous flux)										
Reflect.:		viewed crosswise					viewed endwise			
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim										
x	y									
2H	2H	-0.2	2.0	0.2	2.3	2.6	-0.2	2.0	0.2	2.3
	3H	0.2	1.9	0.6	2.2	2.6	-0.1	1.5	0.2	1.8
	4H	0.5	1.9	0.9	2.2	2.6	-0.1	1.3	0.3	1.6
	6H	0.9	1.9	1.2	2.3	2.6	-0.1	1.0	0.3	1.3
	8H	1.0	2.1	1.4	2.4	2.8	-0.1	0.9	0.3	1.3
	12H	1.0	2.1	1.4	2.4	2.8	-0.2	0.9	0.2	1.2
4H	2H	-0.1	1.3	0.3	1.6	1.9	0.5	1.9	0.9	2.2
	3H	0.5	1.5	0.9	1.9	2.3	0.8	1.8	1.2	2.2
	4H	0.9	1.9	1.3	2.3	2.7	0.9	1.9	1.3	2.3
	6H	1.1	2.8	1.6	3.2	3.7	0.7	2.4	1.2	2.8
	8H	1.2	3.1	1.7	3.6	4.1	0.6	2.6	1.1	3.0
	12H	1.2	3.2	1.7	3.7	4.2	0.6	2.6	1.1	3.1
8H	4H	0.6	2.6	1.1	3.0	3.5	1.2	3.1	1.7	3.6
	6H	1.3	3.1	1.8	3.6	4.1	1.5	3.3	2.0	3.8
	8H	1.6	3.3	2.2	3.8	4.3	1.6	3.3	2.2	3.8
	12H	1.9	3.0	2.5	3.5	4.0	1.9	3.0	2.5	3.5
12H	4H	0.6	2.6	1.1	3.1	3.6	1.2	3.2	1.7	3.7
	6H	1.4	3.0	1.9	3.5	4.0	1.6	3.2	2.1	3.7
	8H	1.9	3.0	2.5	3.5	4.0	1.9	3.0	2.5	3.5
Variations with the observer position at spacing:										
S =		3.2 / -1.2					3.2 / -1.2			
		5.4 / -1.4					5.4 / -1.4			
		7.2 / -1.5					7.2 / -1.5			