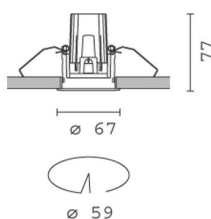
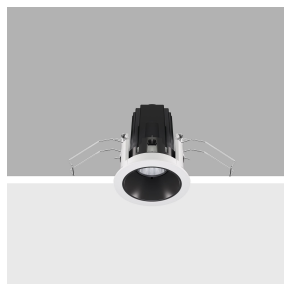


Last information update: April 2025

**Product configuration: R666**

R666: Fixed round recessed luminaire - LED - flood - Super Comfort

**Product code**

R666: Fixed round recessed luminaire - LED - flood - Super Comfort

**Technical description**

Round recessed luminaire with contact frame. Super Comfort fixed version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. 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 (40°). 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 4000K 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 59 mm.

**Colour**

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)\* | White / Chrome (E4)\* | White / burnished chrome (E7)\* | White / gold satin-finish (E9)\*

**Weight (Kg)**

0.13

\* Colours on request

**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:	662	CRI (minimum):	90
W system:	6.8	Colour temperature [K]:	4000
Im source:	860	MacAdam Step:	2
W source:	6.8	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	97.4	Lamp code:	LED
Im 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.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	42°	LED current [mA]:	200

**Polar**

		<b>CIE</b> nL 0.77 100-100-100-100-77 UGR <10-<10 <b>DIN</b> A.61 <b>UTE</b> 0.77A+0.00T F*1=1000 F*1+F*2=1000 F*1+F*2+F*3=1000 <b>CIBSE</b> LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/mq @65°			
Imax=1536 cd		<b>Lux</b>			
90°	180°	h	d	Em	Emax
1500	0°	1	0.8	1208	1536
		2	1.6	302	384
		3	2.3	134	171
		4	3.1	76	96

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	66	64	62	65	63	63	60	78
1.0	73	69	67	65	69	67	66	64	83
1.5	76	74	72	70	73	71	71	68	89
2.0	79	77	75	74	76	75	74	72	93
2.5	80	79	78	77	78	77	76	74	96
3.0	81	80	79	79	79	78	77	75	98
4.0	82	81	81	80	80	80	78	77	99
5.0	82	82	81	81	81	80	79	77	100

# UGR diagram

Corrected UGR values (at 800 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	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 crosswise					viewed endwise				
x	y										
2H	2H	5.8	6.3	6.0	6.6	6.8	5.8	6.3	6.0	6.6	6.8
	3H	5.6	6.1	5.9	6.4	6.7	5.6	6.1	5.9	6.4	6.7
	4H	5.6	6.0	5.9	6.3	6.6	5.6	6.0	5.9	6.3	6.6
	6H	5.5	5.9	5.8	6.2	6.6	5.5	5.9	5.8	6.2	6.6
	8H	5.5	5.9	5.8	6.2	6.5	5.5	5.9	5.8	6.2	6.5
	12H	5.4	5.8	5.8	6.1	6.5	5.4	5.8	5.8	6.1	6.5
4H	2H	5.6	6.0	5.9	6.3	6.6	5.6	6.0	5.9	6.3	6.6
	3H	5.4	5.8	5.8	6.1	6.5	5.4	5.8	5.8	6.1	6.5
	4H	5.3	5.7	5.7	6.0	6.4	5.3	5.7	5.7	6.0	6.4
	6H	5.2	5.5	5.7	5.9	6.4	5.2	5.5	5.7	5.9	6.4
	8H	5.2	5.5	5.6	5.9	6.3	5.2	5.5	5.6	5.9	6.3
	12H	5.1	5.4	5.6	5.8	6.3	5.1	5.4	5.6	5.8	6.3
8H	4H	5.2	5.5	5.6	5.9	6.3	5.2	5.5	5.6	5.9	6.3
	6H	5.1	5.3	5.6	5.8	6.2	5.1	5.3	5.6	5.8	6.2
	8H	5.0	5.2	5.5	5.7	6.2	5.0	5.2	5.5	5.7	6.2
	12H	5.0	5.2	5.5	5.6	6.2	5.0	5.2	5.5	5.6	6.2
12H	4H	5.1	5.4	5.6	5.8	6.3	5.1	5.4	5.6	5.8	6.3
	6H	5.0	5.2	5.5	5.7	6.2	5.0	5.2	5.5	5.7	6.2
	8H	5.0	5.2	5.5	5.6	6.2	5.0	5.2	5.5	5.6	6.2
Variations with the observer position at spacing:											
S =		4.3 / -19.4					4.3 / -19.4				
		5.1 / -18.6					5.1 / -18.6				
		5.1 / -18.6					5.1 / -18.6				