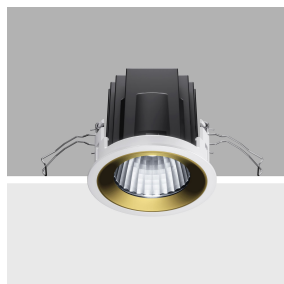


Last information update: April 2025

**Product configuration: RA08.41**

RA08.41: Fixed round recessed luminaire - LED - medium - 17W 1875.8lm - 3500K - CRI 90 - White/Gold

**Product code**

RA08.41: Fixed round recessed luminaire - LED - medium - 17W 1875.8lm - 3500K - CRI 90 - White/Gold

**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 - medium 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 3500K 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 96 mm.

**Colour**

White/Gold (41)\*

**Weight (Kg)**

0.37

\* 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**

lm system:	1876	CRI (minimum):	90
W system:	17	Colour temperature [K]:	3500
lm source:	2260	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	110.3	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.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	17°	LED current [mA]:	500

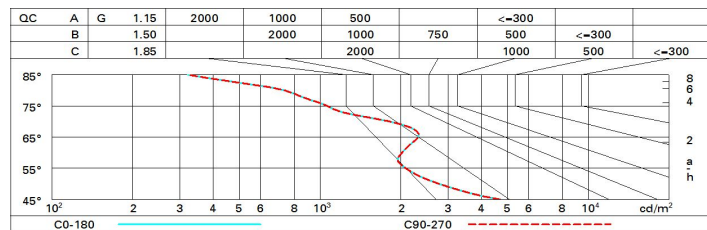
**Polar**

<div><div>Imax=11001 cd</div><div><p>A polar diagram showing light distribution. The vertical axis is labeled 0° at the bottom and 180° at the top. The horizontal axis is labeled 90° on both sides. A blue oval highlights the beam spread, which is wider at the bottom (0°) and narrower at the top (180°). A value of 12500 is marked on the left side. The angle α = 17° is indicated at the bottom left.</p></div></div>	<div><div>CIE</div><div>nL 0.83</div><div>99-100-100-100-83</div><div>UGR &lt;10-&lt;10</div><div>DIN</div><div>A.61</div><div>UTE</div><div>0.83A+0.00T</div><div>F*1=992</div><div>F*1+F*2=998</div><div>F*1+F*2+F*3=1000</div><div>CIBSE</div><div>LG3 L&lt;3000 cd/m² at 65°</div><div>UGR&lt;10   L&lt;3000 cd/mq @65°</div></div>				<div><div>Lux</div><div><div>h</div><div>d</div><div>Em</div><div>Emax</div></div></div>							
	2				0.6				2157		2750	
	4				1.2				539		688	
	6				1.8				240		306	
	8				2.4				135		172	

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	67	65	78
1.0	78	75	72	70	74	71	71	68	82
1.5	82	79	77	76	78	77	76	73	88
2.0	85	83	81	80	81	80	79	77	93
2.5	86	85	84	83	83	82	82	79	96
3.0	87	86	85	84	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	87	87	86	85	83	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2260 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x      y		viewed crosswise					viewed endwise				
2H	2H	0.2	0.3	0.5	0.6	0.9	0.2	0.3	0.5	0.6	0.9
	3H	0.4	0.6	0.7	0.8	0.6	0.1	0.7	0.5	0.8	0.4
	4H	0.4	0.7	0.8	0.8	0.4	0.1	0.5	0.5	0.8	0.1
	6H	0.4	0.4	0.8	0.7	0.1	0.1	0.2	0.5	0.5	0.8
	8H	0.3	0.4	0.7	0.7	0.1	0.1	0.1	0.5	0.5	0.8
	12H	0.3	0.3	0.7	0.7	0.1	0.0	0.1	0.4	0.4	0.8
4H	2H	0.1	0.5	0.5	0.8	0.1	0.4	0.7	0.8	0.8	0.4
	3H	0.4	0.5	0.8	0.8	0.2	0.4	0.5	0.8	0.8	0.2
	4H	0.4	0.4	0.8	0.8	0.2	0.4	0.4	0.8	0.8	0.2
	6H	0.1	0.8	0.6	0.8	0.7	0.1	0.8	0.6	0.8	0.7
	8H	0.0	0.9	0.5	0.8	0.8	0.0	0.9	0.5	0.8	0.8
	12H	0.9	0.8	0.4	0.8	0.8	0.9	0.8	0.4	0.8	0.8
8H	4H	0.0	0.9	0.5	0.8	0.8	0.0	0.9	0.5	0.8	0.8
	6H	0.9	0.7	0.4	0.8	0.7	0.9	0.7	0.4	0.8	0.7
	8H	0.9	0.5	0.5	0.8	0.5	0.9	0.5	0.5	0.8	0.5
	12H	0.1	0.1	0.6	0.6	0.1	0.1	0.1	0.6	0.6	0.1
12H	4H	0.9	0.8	0.4	0.8	0.8	0.9	0.8	0.4	0.8	0.8
	6H	0.9	0.5	0.4	0.8	0.5	0.9	0.5	0.4	0.8	0.5
	8H	0.1	0.1	0.6	0.6	0.1	0.1	0.1	0.6	0.6	0.1
Variations with the observer position at spacing:											
S =	1.0H	4.5 / -3.9					4.5 / -3.9				
	1.5H	7.2 / -4.3					7.2 / -4.3				
	2.0H	9.1 / -4.4					9.1 / -4.4				