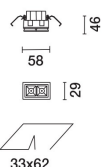


Last information update: February 2025

**Product configuration: RB52**

RB52: Minimal 2 cells - Flood - LED

**Product code**

RB52: Minimal 2 cells - Flood - LED

**Technical description**

Linear miniaturised recessed luminaire with 2 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised, thermoplastic, high definition OptiBeam reflector, integrated in a set-back position in the anti-glare screen. Connecting cable supplied. Ballast not included, available with separate code.

**Installation**

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

**Colour**

White (01) | Black (04)

**Weight (Kg)**

0.1

**Mounting**

wall recessed|ceiling recessed|ceiling surface

**Wiring**

Constant current ballasts to be ordered separately: ON-OFF - code no. MXF9; DALI dimmable - code no. BZM4 - check the instruction sheet for the operating current setting and the compatible length and cross sections of the cables to be used.

Complies with EN60598-1 and pertinent regulations



IP20

IP23

On the visible part of the product once installed

**Technical data**

lm system:	391	CRI (typical):	92
W system:	4	Colour temperature [K]:	3500
lm source:	460	MacAdam Step:	3
W source:	4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	97.8	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.) [%]:	85	Number of optical assemblies:	1
Beam angle [°]:	32°	LED current [mA]:	700
CRI (minimum):	90		

**Polar**

		<b>CIE</b> nL 0.85 100-100-100-100-85 UGR <10-<10 <b>DIN</b> A.61 <b>UTE</b> 0.85A+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°		<b>Lux</b>			
h	d	Em	Emax				
1	0.6	945	1238				
2	1.1	236	309				
3	1.7	105	138				
4	2.3	59	77				

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	73	70	68	72	70	69	67	78
1.0	80	77	74	72	76	74	73	71	83
1.5	84	81	79	78	80	79	78	75	89
2.0	87	85	83	82	84	82	81	79	93
2.5	88	87	86	85	86	85	84	81	96
3.0	89	88	88	87	87	86	85	83	98
4.0	90	90	89	89	88	88	87	84	99
5.0	91	90	90	90	89	89	87	85	100

# UGR diagram

Corrected UGR values (at 400 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		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	-2.7	-2.1	-2.4	-1.9	-1.7	-2.7	-2.1	-2.4	-1.9	-1.7
	3H	-2.8	-2.3	-2.5	-2.1	-1.8	-2.8	-2.3	-2.5	-2.1	-1.8
	4H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.9	-2.4	-2.6	-2.1	-1.9
	6H	-3.0	-2.5	-2.6	-2.2	-1.9	-3.0	-2.5	-2.6	-2.2	-1.9
	8H	-3.0	-2.6	-2.6	-2.3	-1.9	-3.0	-2.6	-2.6	-2.3	-1.9
	12H	-3.0	-2.7	-2.7	-2.3	-2.0	-3.0	-2.7	-2.7	-2.3	-2.0
4H	2H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.9	-2.4	-2.6	-2.1	-1.9
	3H	-3.0	-2.7	-2.7	-2.3	-2.0	-3.0	-2.7	-2.7	-2.3	-2.0
	4H	-3.1	-2.8	-2.7	-2.4	-2.0	-3.1	-2.8	-2.7	-2.4	-2.0
	6H	-3.2	-2.9	-2.8	-2.5	-2.1	-3.2	-2.9	-2.8	-2.5	-2.1
	8H	-3.3	-3.0	-2.8	-2.6	-2.1	-3.3	-3.0	-2.8	-2.6	-2.1
	12H	-3.3	-3.1	-2.9	-2.6	-2.2	-3.3	-3.1	-2.9	-2.6	-2.2
8H	4H	-3.3	-3.0	-2.8	-2.6	-2.1	-3.3	-3.0	-2.8	-2.6	-2.1
	6H	-3.4	-3.1	-2.9	-2.7	-2.2	-3.4	-3.1	-2.9	-2.7	-2.2
	8H	-3.4	-3.2	-2.9	-2.8	-2.3	-3.4	-3.2	-2.9	-2.8	-2.3
	12H	-3.5	-3.3	-3.0	-2.8	-2.3	-3.5	-3.3	-3.0	-2.8	-2.3
12H	4H	-3.3	-3.1	-2.9	-2.6	-2.2	-3.3	-3.1	-2.9	-2.6	-2.2
	6H	-3.4	-3.2	-2.9	-2.8	-2.3	-3.4	-3.2	-2.9	-2.8	-2.3
	8H	-3.5	-3.3	-3.0	-2.8	-2.3	-3.5	-3.3	-3.0	-2.8	-2.3
Variations with the observer position at spacing:											
S =		0.9 / -25.5					0.9 / -25.5				
		1.5H / -26.0					1.5H / -26.0				
		2.0H / -26.8					2.0H / -26.8				