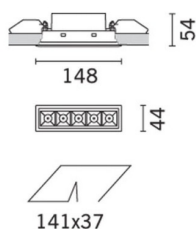


Last information update: April 2025

**Product configuration: RB37.74**

RB37.74: 5 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Flood optic - 13W 931.5lm - 3500K - CRI 90 - Grey / Black

**Product code**

RB37.74: 5 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Flood optic - 13W 931.5lm - 3500K - CRI 90 - Grey / Black

**Technical description**

rectangular miniaturised recessed luminaire with 5 optical elements with LED lamps - fixed optics - flood beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable electronic control gear connected to the luminaire. Warm white LED

**Installation**

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 141

**Colour**

Grey / Black (74)\*

**Weight (Kg)**

0.29

\* Colours on request

**Mounting**

wall recessed|ceiling recessed

**Wiring**

on control gear box; screw connections with terminal block included

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	932	CRI (typical):	92
W system:	13	Colour temperature [K]:	3500
lm source:	1150	MacAdam Step:	3
W source:	9.9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	71.7	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.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	32°	Control:	DALI-2
CRI (minimum):	90		

**Polar**

Imax=3129 cd		CIE		Lux			
		nL 0.81		h	d	Em	Emax
90°	180°	100-100-100-100-81	UGR <10-<10				
		DIN A.61		2	1.1	594	782
		UTE 0.81A+0.00T		4	2.3	149	196
		F*1=1000		6	3.4	66	87
		F*1+F*2=1000					
		F*1+F*2+F*3=1000					
		CIBSE LG3 L<1500 cd/m² at 65°		8	4.5	37	49
		UGR<10   L<1500 cd/mq @65°					
α=31°	0°						

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	70	67	65	69	66	66	64	78
1.0	76	73	71	69	72	70	70	67	83
1.5	80	78	76	74	77	75	74	72	89
2.0	83	81	79	78	80	78	78	75	93
2.5	84	83	82	81	82	81	80	78	96
3.0	85	84	83	83	83	82	81	79	98
4.0	86	85	85	84	84	84	82	81	99
5.0	87	86	86	86	85	84	83	81	100

# UGR diagram

Corrected UGR values (at 1150 lm bare lamp luminous flux)											
Riflect.:											
ceil/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					viewed				
x	y	crosswise					endwise				
2H	2H	-7.7	-7.1	-7.4	-6.9	-6.7	-7.7	-7.1	-7.4	-6.9	-6.7
	3H	-7.8	-7.3	-7.5	-7.1	-6.8	-7.8	-7.3	-7.5	-7.1	-6.8
	4H	-7.9	-7.4	-7.5	-7.1	-6.8	-7.9	-7.4	-7.5	-7.1	-6.8
	6H	-7.9	-7.5	-7.6	-7.2	-6.9	-7.9	-7.5	-7.6	-7.2	-6.9
	8H	-8.0	-7.6	-7.6	-7.2	-6.9	-8.0	-7.6	-7.6	-7.3	-6.9
	12H	-8.0	-7.6	-7.6	-7.3	-6.9	-8.0	-7.6	-7.6	-7.3	-7.0
4H	2H	-7.9	-7.4	-7.5	-7.1	-6.8	-7.9	-7.4	-7.5	-7.1	-6.8
	3H	-8.0	-7.6	-7.6	-7.3	-6.9	-8.0	-7.6	-7.6	-7.3	-6.9
	4H	-8.1	-7.8	-7.7	-7.4	-7.0	-8.1	-7.8	-7.7	-7.4	-7.0
	6H	-8.2	-7.9	-7.7	-7.5	-7.1	-8.2	-7.9	-7.8	-7.5	-7.1
	8H	-8.2	-7.9	-7.8	-7.5	-7.1	-8.2	-8.0	-7.8	-7.5	-7.1
	12H	-8.2	-8.0	-7.8	-7.6	-7.1	-8.3	-8.0	-7.8	-7.6	-7.1
8H	4H	-8.2	-8.0	-7.8	-7.5	-7.1	-8.2	-7.9	-7.8	-7.5	-7.1
	6H	-8.3	-8.1	-7.8	-7.6	-7.2	-8.3	-8.1	-7.8	-7.6	-7.2
	8H	-8.3	-8.2	-7.9	-7.7	-7.2	-8.3	-8.2	-7.9	-7.7	-7.2
	12H	-8.4	-8.2	-7.9	-7.7	-7.2	-8.4	-8.2	-7.9	-7.7	-7.2
12H	4H	-8.3	-8.0	-7.8	-7.6	-7.1	-8.2	-8.0	-7.8	-7.6	-7.1
	6H	-8.4	-8.2	-7.9	-7.7	-7.2	-8.3	-8.1	-7.8	-7.7	-7.2
	8H	-8.4	-8.2	-7.9	-7.7	-7.2	-8.4	-8.2	-7.9	-7.7	-7.2
Variations with the observer position at spacing:											
S =	1.0H	6.7 / -11.6					6.7 / -11.6				
	1.5H	9.6 / -12.2					9.6 / -12.2				
	2.0H	11.5 / -12.6					11.5 / -12.6				