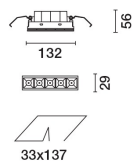
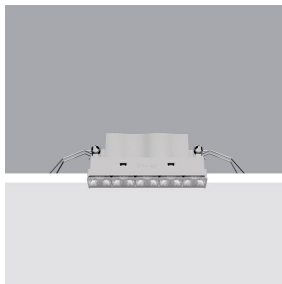


Last information update: February 2025

**Product configuration: EK68.24**

EK68.24: Minimal 5 cells - Wide Flood - LED - Clear transparent

**Product code**

EK68.24: Minimal 5 cells - Wide Flood - LED - Clear transparent

**Technical description**

Linear miniaturised recessed luminaire with 5 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 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 a dimmable DALI power supply unit connected to the luminaire. High efficiency value Neutral White LED (lm/W).

**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**

Clear transparent (24)

**Weight (Kg)**

0.3

**Mounting**

wall recessed|ceiling recessed

**Wiring**

Quick-coupling connections on the ballast unit.

Complies with EN60598-1 and pertinent regulations



IP20

IP23

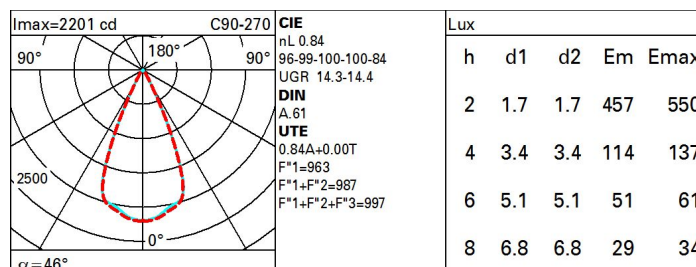
On the visible part of the product once installed



pending

**Technical data**

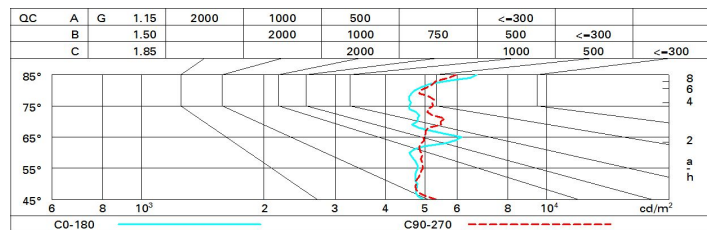
lm system:	1260	CRI (typical):	82
W system:	13	Colour temperature [K]:	4000
lm source:	1500	MacAdam Step:	3
W source:	9.9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	96.9	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	84	Number of optical assemblies:	1
Beam angle [°]:	46°	Control:	DALI-2
CRI (minimum):	80		

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	70	67	65	70	67	66	64	76
1.0	78	74	71	69	73	71	70	68	80
1.5	82	79	77	75	78	76	75	73	87
2.0	85	83	81	80	82	80	79	77	91
2.5	87	85	84	83	84	83	82	79	94
3.0	88	87	86	85	85	84	83	81	96
4.0	89	88	87	87	86	86	85	83	98
5.0	89	89	88	88	87	87	85	83	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1500 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x            y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	12.0	12.5	12.3	12.8	13.0	12.6	13.1	12.9	13.4	13.6
	3H	12.7	13.2	13.0	13.5	13.7	12.7	13.2	13.0	13.5	13.8
	4H	13.0	13.5	13.4	13.8	14.1	12.8	13.2	13.1	13.5	13.8
	6H	13.3	13.7	13.7	14.0	14.4	12.8	13.2	13.1	13.5	13.8
	8H	13.4	13.8	13.8	14.2	14.5	12.8	13.2	13.1	13.5	13.8
	12H	13.6	14.0	14.0	14.3	14.7	12.7	13.1	13.1	13.5	13.8
4H	2H	12.2	12.7	12.5	12.9	13.2	13.6	14.0	13.9	14.3	14.6
	3H	13.2	13.6	13.6	13.9	14.3	14.0	14.4	14.4	14.7	15.1
	4H	13.7	14.0	14.1	14.4	14.8	14.2	14.5	14.6	14.9	15.3
	6H	14.1	14.4	14.5	14.8	15.2	14.3	14.6	14.8	15.0	15.4
	8H	14.3	14.6	14.7	15.0	15.4	14.4	14.6	14.8	15.0	15.5
	12H	14.5	14.8	15.0	15.2	15.7	14.4	14.6	14.8	15.0	15.5
8H	4H	13.9	14.1	14.3	14.5	15.0	14.8	15.1	15.2	15.5	15.9
	6H	14.5	14.7	14.9	15.1	15.6	15.1	15.3	15.5	15.7	16.2
	8H	14.8	15.0	15.3	15.4	15.9	15.2	15.4	15.6	15.8	16.3
	12H	15.2	15.3	15.7	15.8	16.3	15.2	15.4	15.7	15.9	16.4
12H	4H	13.9	14.1	14.3	14.5	15.0	14.9	15.2	15.4	15.6	16.1
	6H	14.5	14.7	15.0	15.2	15.7	15.3	15.5	15.8	15.9	16.4
	8H	14.9	15.0	15.4	15.5	16.0	15.4	15.6	15.9	16.1	16.6
Variations with the observer position at spacing:											
S =	1.0H	1.4 / -0.8					1.3 / -1.1				
	1.5H	2.8 / -1.2					2.9 / -1.3				
	2.0H	4.2 / -1.3					4.3 / -1.6				