

Last information update: March 2025

**Product configuration: EK53.E7**

EK53.E7: 5 - cell Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Spot optic - 12.7W 861lm - 2700K - CRI 90 - White / burnished chrome

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**Technical description**

rectangular miniaturised recessed luminaire with 5 optical elements with LED lamps - fixed optics - spot 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 high colour rendering LED.

**Installation**

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

**Colour**

White / burnished chrome (E7)\*

**Weight (Kg)**

0.3

\* Colours on request

**Mounting**

wall recessed|ceiling recessed

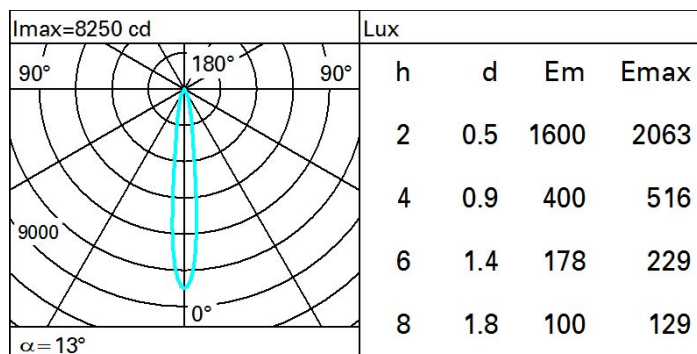
**Wiring**

on control gear box; screw connections with terminal block included

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	861	CRI (typical):	92
W system:	12.7	Colour temperature [K]:	2700
lm source:	1050	MacAdam Step:	3
W source:	9.9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	67.8	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	14°	Control:	DALI-2
CRI (minimum):	90		

**Polar**

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	74	70	68	66	70	67	67	64	78
1.0	77	74	72	70	73	71	71	68	83
1.5	81	79	77	75	78	76	75	73	89
2.0	84	82	80	79	81	79	78	76	93
2.5	85	84	83	82	83	82	81	79	96
3.0	86	85	84	84	84	83	82	80	98
4.0	87	86	86	85	85	85	83	82	99
5.0	88	87	87	87	86	85	84	82	100

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