Laser Blade

Design iGuzzini **iGuzzini**

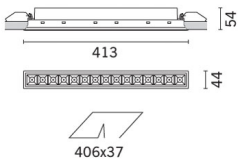
April 2014

Laser Blade - 15-cell recessed luminaire - LED warm white flood - 31W 2700 lm

Product code:
MK57

Technical description:
rectangular miniaturised recessed luminaire with 15 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 (UGR < 19). Supplied with DALI dimmable electronic control gear connected to the luminaire. Warm white LED. LED Life Time with residual flow at 80% (L80): 80000h Ta at 25°C.

Installation:
recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 406



Dimension:
413 x 44 mm - H 54 mm

Colour:
Black/White (47)|Grey/Black (74)

Weight [Kg]:
0,86

Mounting:
Ceiling recessed|Wall recessed

Wiring:
on control gear box with quick-coupling connections

Product configuration: MK57+LED
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LED: n.15 led warm

Product characteristics:

Total lighting output [Lm]: 2241	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 35	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 64.03	Voltage [V]: -
Number of optical assemblies: 1	

Optical assembly Characteristics 1:

Light Output Ratio (L.O.R.) [%]: 83	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 4
Nominal power [W]: 31	Colour temperature [K]: 3000
Nominal luminous [Lm]: 2700	CRI: 83
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 48°	MacAdam Step: <3

Complies with EN60598-1 and pertinent regulations

03

IP 20

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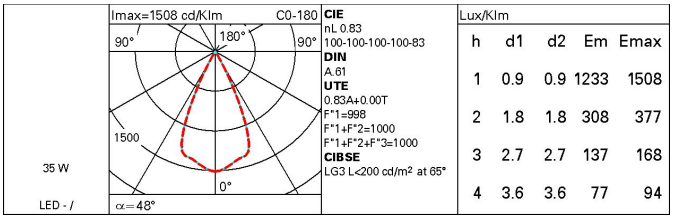
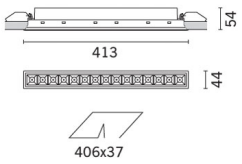
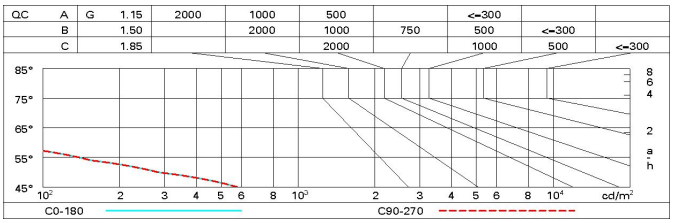


h	d1	d2	Em	Emax
1	0.9	0.9	1233	1508
2	1.8	1.8	308	377
3	2.7	2.7	137	168
4	3.6	3.6	77	94



R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	80	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100