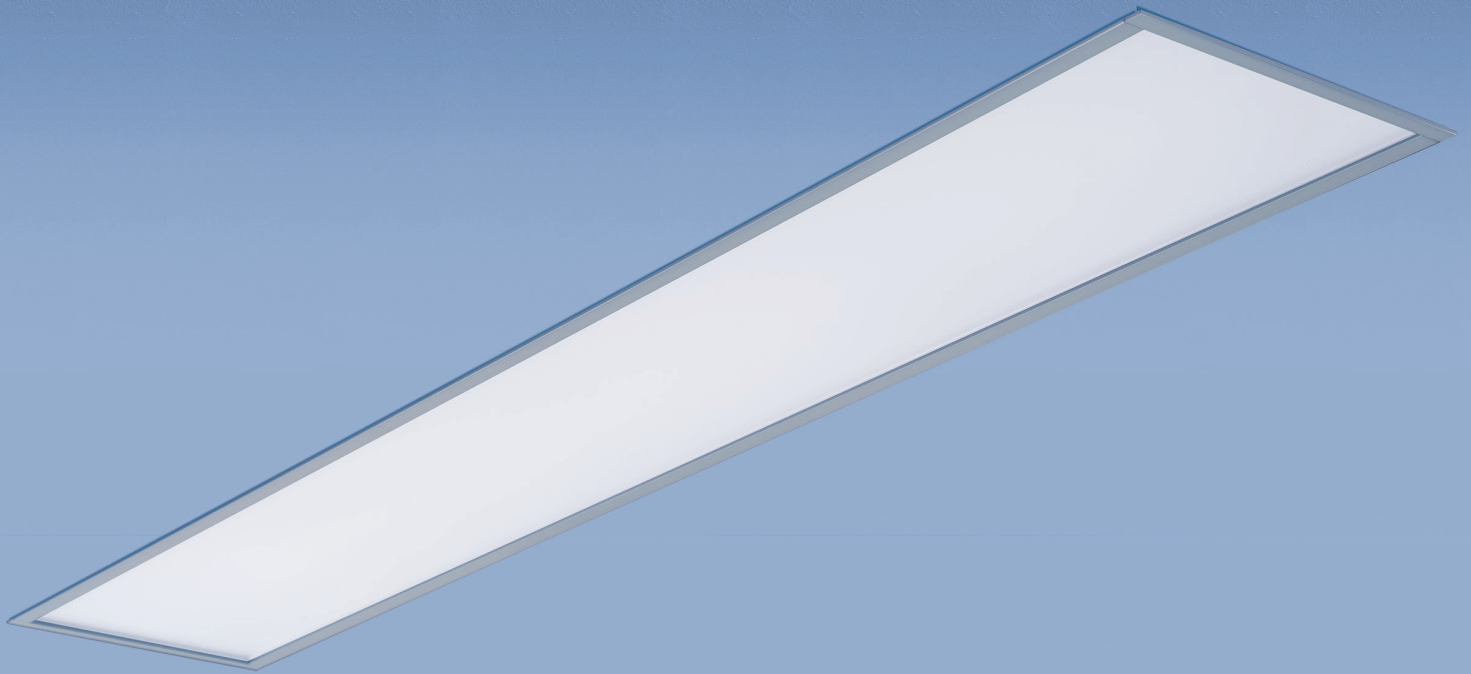


CUBIC-M3



DE

LED-Einbauleuchte, direktstrahlend. Microprismenoptik aus Spezialacrylglas, alternativ Opaldiffusor mit perfekt homogener Auflösung der Lichtpunkte.

Abnehmbarer Optikrahmen aus Aluminium-Strangpressprofil silbermatt naturelxiert. Optional weitere Farben.

LED-Konverter wahlweise schaltbar oder dimmbar (1-10V, DALI, Touch-Dim). Werkseitige Konverterprogrammierung ermöglicht unterschiedliche Lichtstromoptionen.

Standard LED-Farbtemperatur 3000K und 4000K. Auf Wunsch 2200K, 2700K, 3500K, 5000K, 6500K. Enge Farbtoleranz MacAdam 3. Farbwiedergabe $Ra \geq 80$, auf Anfrage $Ra > 90$ möglich.

Geeignet für Montage in gesägten Wand- und Deckenöffnungen, Befestigungsset inkl.

Lichtstromrückgang auf 90% des Ursprungswertes bei 50000h (L90B10 bei 25°C und max. Medium-Power). 5 Jahre Garantie auf LED-Module und LED-Betriebsgeräte.

Beachten Sie die Übersicht 'optionale Ausführungen'

EN

Recessed mounted LED luminaire with direct only light distribution. Microprismatic screen for glare-free illumination, optionally opal diffuser for perfect uniform and enhanced light transmission.

Removable optic-frame made of aluminium-profile. Surface matt silver anodized. On request extensive range of alternative colours.

LED drivers optionally switched or dimmed (1-10V, DALI, Touch-Dim). Factory-set drivers enable different output levels.

Standard LED colour temperature 3000K and 4000K. On request 2200K, 2700K, 3500K, 5000K, 6500K. MacAdam 3 step binning. Colour rendering $CRI \geq 80$, $CRI > 90$ on request.

Suitable for installation in ceilings and walls with cut-out openings, mounting brackets included.

90% of initial output after 50000 operating hours (L90B10 at 25°C and max. Medium-Power). 5 year warranty on all LED boards and LED drivers.

Refer to "options" overview

FR

Luminaire LED encastré, éclairage direct. Diffuseur micro-prismatique en verre acrylique, en option: diffuseur opale avec une diffusion homogène des points lumineux.

Cadre amovible en aluminium extrudé, gris mat anodisé. Couleurs supplémentaires en option.

Convertisseurs LED au choix: commutable ou graduable (1-10V, DALI, Touch-Dim). Programmation en usine offrant différentes options de flux lumineux.

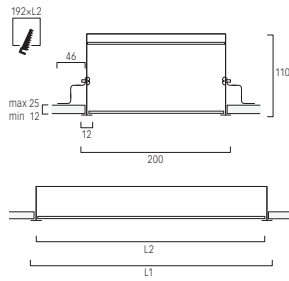
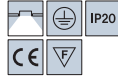
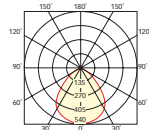
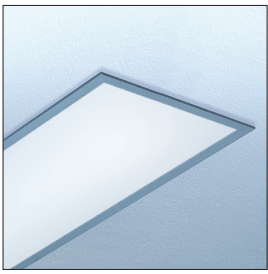
Température de couleur LED standard 3000K ou 4000K. Sur demande: 2200K, 2700K, 3500K, 5000K, 6500K (MacAdam 3). Rendu de couleur $IRC \geq 80$, sur demande $IRC > 90$.

Approprié pour un montage sur ouvertures de plafonds ou murs sciés, support de fixation inclus

50 000 heures de fonctionnement avec une utilisation à 90% de la puissance (L90B10 à 25°C et max. Medium-Power). 5 ans de garantie sur tous les modules LED et convertisseurs LED.

Voir les différentes options

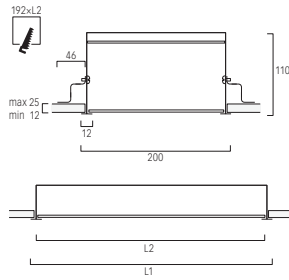
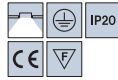
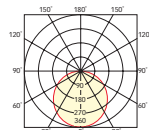
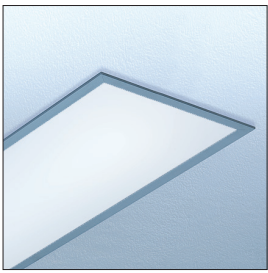
CUBIC-M3 / FRAME / MICROPRISMATIC



L1	L2	LUMEN/WATT	CODE	KG
LED - LOW POWER				
623	613	2375lm/29W*	CM3AEE-###E-L623	4,0
915	905	3563lm/42W*	CM3AEE-###E-L915	5,1
1206	1196	4750lm/55W*	CM3AEE-###E-L1206	6,4
1497	1487	5938lm/69W*	CM3AEE-###E-L1497	7,5
1788	1778	7125lm/82W*	CM3AEE-###E-L1788	8,4
2080	2070	9500lm/108W*	CM3AEE-###E-L2080	9,8
LED - MEDIUM POWER				
623	613	3456lm/44W*	CM3AEE-###M-L623	4,0
915	905	5185lm/64W*	CM3AEE-###M-L915	5,1
1206	1196	6914lm/85W*	CM3AEE-###M-L1206	6,4
1497	1487	8642lm/106W*	CM3AEE-###M-L1497	7,5
1788	1778	10370lm/126W*	CM3AEE-###M-L1788	8,4
2080	2070	13827lm/168W*	CM3AEE-###M-L2080	9,8
FLUORESCENT				
1206	1196	T5 2x28/54W	CM3AEE-###E-T228/54	5,5
1497	1487	T5 2x35/49W	CM3AEE-###E-T235/49	7,2
1497	1487	T5 2x80W	CM3AEE-###E-T280	7,2
CONTROL			E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM	
LED COLOUR TEMPERATURE ###			830: 3000K, 840: 4000K	

*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

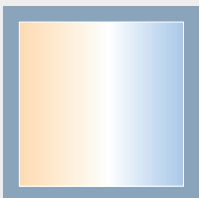
CUBIC-M3 / FRAME / OPAL



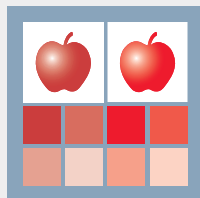
L1	L2	LUMEN/WATT	CODE	KG
LED - LOW POWER				
623	613	2580lm/29W*	CM30EE-###E-L623	4,0
915	905	3870lm/42W*	CM30EE-###E-L915	5,1
1206	1196	5160lm/55W*	CM30EE-###E-L1206	6,4
1497	1487	6450lm/69W*	CM30EE-###E-L1497	7,5
1788	1778	7740lm/82W*	CM30EE-###E-L1788	8,4
2080	2070	10320lm/108W*	CM30EE-###E-L2080	9,8
LED - MEDIUM POWER				
623	613	3755lm/44W*	CM30EE-###M-L623	4,0
915	905	5632lm/64W*	CM30EE-###M-L915	5,1
1206	1196	7509lm/85W*	CM30EE-###M-L1206	6,4
1497	1487	9387lm/106W*	CM30EE-###M-L1497	7,5
1788	1778	11264lm/126W*	CM30EE-###M-L1788	8,4
2080	2070	15020lm/168W*	CM30EE-###M-L2080	9,8
FLUORESCENT				
1206	1196	T5 2x28/54W	CM30EE-###E-T228/54	5,5
1497	1487	T5 2x35/49W	CM30EE-###E-T235/49	7,2
1497	1487	T5 2x80W	CM30EE-###E-T280	7,2
CONTROL			E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM	
LED COLOUR TEMPERATURE ###			830: 3000K, 840: 4000K	

*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

OPTIONAL



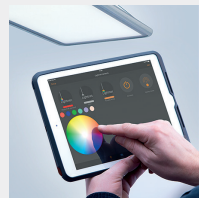
ALTERNATIVE COLOUR TEMPERATURES:
2200K/ 3500K/ 6500K



LEDS WITH HIGHER CRI
Ra>90



FURTHER SELECTED SURFACE DESIGNS:
SEE PAGE 15



BLUETOOTH MODULE FOR WIRELESS CONTROL



EMERGENCY MODULE WITH 3 HOUR BATTERY



RADAR SENSOR FOR HIGH FREQUENCY MOTION CONTROL