

## Matric M5 | System 81mm Recessed Frameless



**DE** LED-Einbauleuchte für rahmenlose Montage in Gipskartondecken. Rein direktstrahlend. Lichtkanal aus Aluminiumprofil mit 81mm Profillbreite. Millimetergenaue Längenfertigung nach Vorgabe möglich. Microprismenoptik aus Spezialacrylglas und Satin-Louvre aus Aluminium mit optimierter Blendungsbegrenzung speziell für Office-Anwendungen. Satinierter Opaldiffusor für Allgemeinbeleuchtung mit max. Transmissionsgrad und homogener Lichtpunktauflösung. Wallwasher für homogene Beleuchtung vertikaler Flächen. Konverter in Leuchtengehäuse integriert, wahlweise einfach schaltbar oder stufenlos dimmbar (DALI, Touch-Dim, Casambi). Farbtemperaturen 2200K, 2700K, 3000K, 3500K, 4000K, 6500K oder Tunable White (2700-6500K). Binning initial  $\leq$  MacAdam 3. Farbwiedergabe CRI>80, CRI>90 oder Full Spectrum. Wahlweise Einbaurahmen für Installation mit Schattenfuge, alternativ Befestigungsset für Installation ohne Schattenfuge. Einbaurahmen oder Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten zeitlich versetzt montierbar. Auf Anfrage: Integration von Strahlern, Notlichtkomponenten, Sensortechnologie.

**EN** Recessed mounted LED luminaire for frameless installation in plasterboard ceilings. Direct only light distribution. Light channel made of 81mm wide aluminium profile. Bespoke lengths possible. Microprismatic screen made of special acrylic glass and satin Louvre made of aluminum with optimized glare reduction especially for workplaces Satin opal diffuser for general lighting with maximum transmittance and homogeneous lighting. Wallwasher for homogeneous illumination of vertical surfaces. Driver integrated into luminaire housing, optionally switchable or dimmable (DALI, Touch-Dim, Casambi). Colour temperature 2200K, 2700K, 3000K, 3500K, 4000K, 6500K or Tunable White (2700-6500K). Binning  $\leq$  MacAdam 3. Colour rendering CRI>80, CRI>90 or Full Spectrum. Optional mounting frame for installation with shadow gap, alternative mounting brackets for installation without shadow gap. Mounting frame or luminaire profile available in advance for mounting; other luminaire components can be mounted at different times. On request: Integration of spotlights, emergency lighting components, sensor technology.

**LM50WE-830M-L890-F**

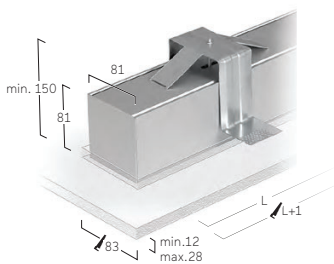
Product Family	L: Matric
Type	M5: Direct only
Optical System	A: Microprismatic, O: Opal Diffuser, M: Satin Louvre, G: Wallwasher
Surface Finish	W: Snow White
Control Gear	E: On/Off, L: DALI, H: Touch-Dim, C: Casambi, 6: DALI DT6 for TW [L1182-L2055], 8: DALI DT8 for TW [L890-L2055]
Colour Rendering	8: CRI>80, 9: CRI>90, F: Full Spectrum [except 2200K]
Colour Temperature	22: 2200K, 27: 2700K, 30: 3000K, 35: 3500K, 40: 4000K, 65: 6500K, TW: Tunable White 2700-6500K
Power	E: Low Power, M: Medium Power, H: High Power
Size	Luminaire Length in mm: L600, L890, L1182, L1475, L1765, L2055
Installation	F: Installation Housing, B: Installation Brackets
On Request	90° Corner, Midpin Downlights XD, Midpin Spotlights XM, Midpoint Spotlights XM, 3-Phase Track, 48V-Track, Multisensor [L1182-L2055], Emergency Module [L1182-L2055]



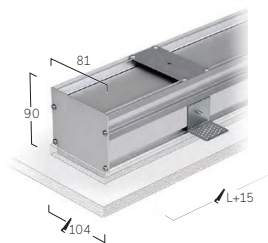
Microprismatic   Direct				Opal Diffuser   Direct				Satin Louvre   Direct				Wallwasher   Direct	
L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt Medium Power	Lumen/Watt High Power	L mm	Lumen/Watt High Power	
600	1000lm/11W	1380lm/15W	2010lm/21W	600	1180lm/11W	1620lm/15W	2360lm/21W	600	1270lm/15W	1840lm/21W	600	1180lm/15W	
890	1510lm/15W	2070lm/21W	3020lm/31W	890	1760lm/15W	2430lm/21W	3530lm/31W	890	1900lm/21W	2770lm/31W	890	1770lm/21W	
1182	2010lm/19W	2760lm/26W	4020lm/40W	1182	2350lm/19W	3230lm/26W	4710lm/40W	1182	2530lm/26W	3690lm/40W	1182	2360lm/27W	
1475	2510lm/23W	3450lm/32W	5030lm/49W	1475	2940lm/23W	4040lm/32W	5890lm/49W	1475	3170lm/32W	4610lm/49W	1475	2950lm/33W	
1765	3010lm/27W	4140lm/38W	6030lm/59W	1765	3530lm/27W	4850lm/38W	7070lm/59W	1765	3800lm/38W	5530lm/59W	1765	3540lm/39W	
2055	3510lm/34W	4830lm/47W	7040lm/71W	2055	4120lm/34W	5660lm/47W	8240lm/71W	2055	4430lm/47W	6450lm/71W	2055	4130lm/47W	

Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.

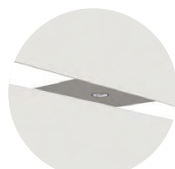
**B: Installation Bracket without Shadow Gap**



**F: Installation Housing with Shadow Gap**



90° Corner  
Opal/Microprismatic



Midpin-Downlight XD  
770lm/10W/Ø40mm



Midpin Spotlight XM  
770lm/10W/Ø40mm



Midpoint Spotlight XM  
1000lm/19W-3000lm/31W  
Ø90mm



Multisensor