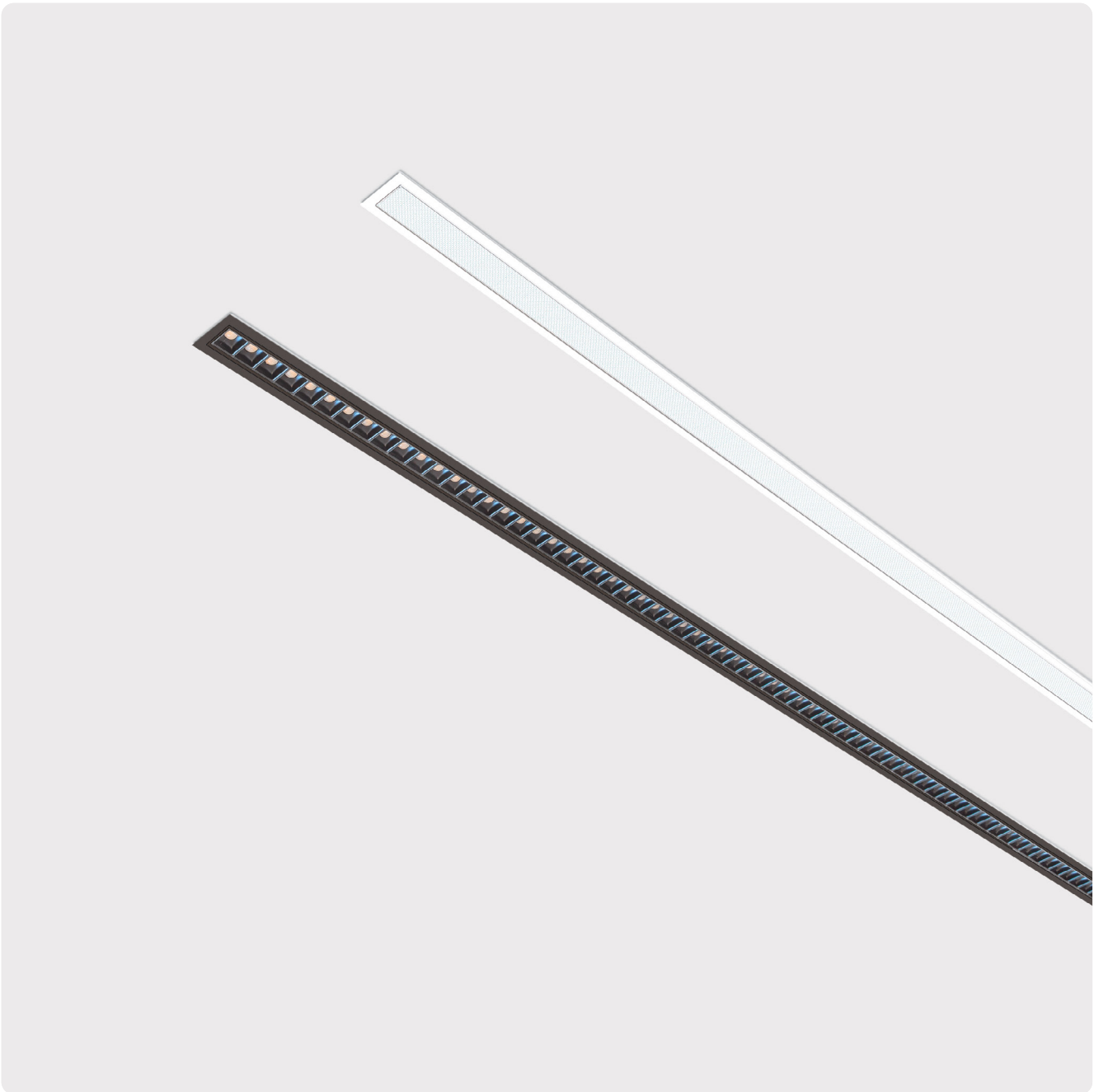


# Matric FQ | System 25mm Recessed Frame



**DE** LED-Einbauleuchte für Montage in gesägten Deckenöffnungen. Rein direktstrahlend. Lichtkanal mit umlaufendem Rahmen aus Aluminiumprofil. Optikbreite 25mm. Millimetergenaue Längenfertigung nach Vorgabe möglich. Oberfläche natureloxiert oder weiß, graphit, schwarz, bronze oder kupferfarben lackiert. Weitere Oberflächenoptionen siehe Lightnet-Surface-Collection oder RAL nach Wahl. Direktanteil über Präzisionslinsen mit Abblendraster für breite rotationssymmetrische Lichtstärkeverteilung bei gleichzeitig hoher Blendungsbegrenzung ( $UGR < 19$ ) für Office Anwendungen. Abblendraster in verschiedenen Farbkombinationen erhältlich. 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). Farbtemperatur 2200K, 2700K, 3000K, 3500K, 4000K, 6500K oder Tunable White (2700-6500K). Binning initial  $\leq$  MacAdam 3. Farbwiedergabe  $CRI > 80$ ,  $CRI > 90$  oder Full Spectrum. Befestigungsset inklusive. Leuchtenprofil für Montage auf Anfrage vorab lieferbar; restliche Leuchtenkomponenten zeitlich versetzt montierbar. Auf Anfrage: Integration von Sensortechnologie.

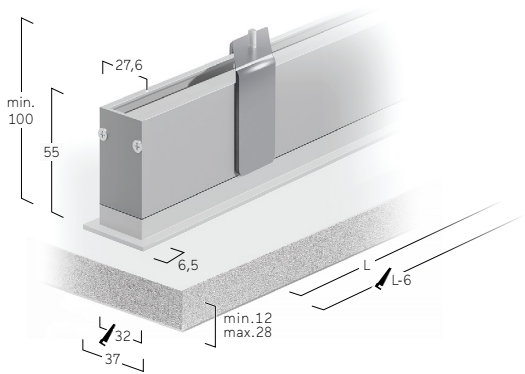
**EN** Recessed mounted LED luminaire for installation in ceiling cut-outs openings. Direct only light distribution. Light channel with surrounding frame made of aluminium profile. Optic width 25mm. Bespoke lengths are possible. Surface natural anodised, white, graphite, black, bronze or copper coated. For further surface options see Lightnet-Surface-Collection or RAL of your choice. Direct light using precision lenses with louvre for wide uniform symmetrical light distribution with high glare limitation ( $UGR < 19$ ) for workplaces. Louvre available in various colour finishes. Satin opal diffuser for general lighting with maximum transmittance and uniformity. Wallwasher for homogeneous illumination of vertical surfaces. Driver integrated into luminaire housing, available as switched 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. Mounting brackets included. Luminaire profile available in advance for mounting; other luminaire components can be mounted later. On request: Integration of sensor technology.

|                    |                                                                                                                                                                        |                        |  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--|
|                    |                                                                                                                                                                        | L FQLWE-8 30E-L1278-DW |  |
| Product Family     | L: Matric                                                                                                                                                              |                        |  |
| Type               | FQ: Direct only                                                                                                                                                        |                        |  |
| Optical System     | O: Opal Diffuser, G: Wallwasher, L: Lens Louvre*                                                                                                                       |                        |  |
| Surface Finish     | W: Snow White, Y: Black Anodised, V: Ivory White, F: Anodic Silver, M: Satin Cloud, X: Satin Bronze                                                                    |                        |  |
| Control Gear       | E: On/Off, L: DALI, H: Touch-Dim, C: Casambi, 6: DALI DT6 for TW, 8: DALI DT8 for TW                                                                                   |                        |  |
| 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 Lenght in mm (Opal Diffuser, Wallwasher): L901, L1193, L1486, L1776, L2066                                                                                   |                        |  |
|                    | Luminaire Lenght in mm (Lens Louvre*): L917, L1278, L1639, L2000                                                                                                       |                        |  |
| Louvre Surface     | W: Snow White, D: Anodic Black, F: Anodic Silver, V: Ivory White, M: Satin Cloud, K: Satin Copper, G: Satin Gold, J: Satin Pale Gold, L: Satin Cupria, X: Satin Bronze |                        |  |



| Lens Louvre   Direct |                      |                       | Opal Diffuser   Direct |                         |                       | Wallwasher   Direct |                         |                       |
|----------------------|----------------------|-----------------------|------------------------|-------------------------|-----------------------|---------------------|-------------------------|-----------------------|
|                      |                      |                       |                        |                         |                       |                     |                         |                       |
| L mm                 | Lumen/Watt Low Power | Lumen/Watt High Power | L mm                   | Lumen/Watt Medium Power | Lumen/Watt High Power | L mm                | Lumen/Watt Medium Power | Lumen/Watt High Power |
| 917                  | 1090lm/10W           | 1970lm/17W            | 901                    | 1160lm/10W              | 1650lm/14W            | 901                 | 790lm/7W                | 1180lm/9W             |
| 1278                 | 1530lm/14W           | 2760lm/24W            | 1193                   | 1550lm/13W              | 2210lm/19W            | 1193                | 1050lm/8W               | 1570lm/12W            |
| 1639                 | 1960lm/17W           | 3540lm/31W            | 1486                   | 1940lm/16W              | 2760lm/23W            | 1486                | 1320lm/10W              | 1960lm/14W            |
| 2000                 | 2400lm/22W           | 4330lm/38W            | 1776                   | 2330lm/20W              | 3310lm/28W            | 1776                | 1580lm/12W              | 2360lm/17W            |
|                      |                      |                       | 2066                   | 2720lm/24W              | 3860lm/33W            | 2066                | 1840lm/15W              | 2750lm/21W            |

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



Matric 25mm as a customised System.  
Regressed 48V track, black anodised inner frame.  
Outer frame: surface on request.  
Available Insets: Midpin Spotlights,  
Lens-Louvre, Opal, Wallwasher.

