

Matric G3/R3 | System 55mm Suspended



DE LED-Pendelleuchte. Direkt-indirekt oder rein direktstrahlend. Lichtkanal aus Aluminiumprofil mit 55mm Profildbreite. Millimetergenaue Längenfertigung nach Vorgabe möglich. Oberfläche natureloxiert oder weiß, graphit, schwarz, champagner oder kupferfarben lackiert. Weitere Oberflächenoptionen siehe Lightnet-Surface-Collection oder RAL nach Wahl. Direktanteil über Präzisionslinsen mit Abblendraaster für breite rotationssymmetrische Lichtstärkeverteilung bei gleichzeitig hoher Blendungsbegrenzung (UGR<19). Abblendraaster in verschiedenen Farbkombinationen erhältlich. Microprismenoptik aus Spezialacrylglas mit optimierter Blendungsbegrenzung 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). 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. Stufenlos höhenverstellbare Y-Seilabhängung mit transparent ummantelter Zuleitung. Lackierung Baldachin passend Leuchtenkörper. Auf Anfrage: Integration von Stromschienen und Strahlern, Notlichtkomponenten, Sensortechnologie.

EN LED pendant luminaire. Direct-indirect or direct-only light distribution. Light channel made of 55mm wide aluminium profile. Bespoke lengths are possible. Surface natural anodised or white, graphite, black, champagne or copper coated. 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). Louvre available in various colour finishes. Microprismatic screen made of special acrylic glass 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. Height-adjustable Y-cord suspension with transparent power supply cable. Colours ceiling rose match to luminaire body. On request: Integration of tracks and spotlights, emergency lighting components, sensor technology.

L R3 L B E - 8 30 M - L1002 - YB*

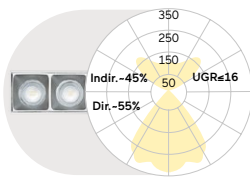
Product Family	L: Matric
Type	G3: Direct only, R3: Direct-Indirect
Optical System	A: Microprismatic, O: Opal Diffuser, G: Wallwasher, L: Lens Louvre*, D: Opal Diffuser (Polycarbonate)**
Surface Finish	W: Snow White, E: Silver Anodised, U: Urban Graphite, B: Jet Black, H: Anodic Champagne, K: Satin Copper
Control Gear	E: On/Off, L: DALI, H: Touch-Dim, C: Casambi, 6: DALI DT6 for TW [L1475-L2055], 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 Length in mm (Microprismatic, Opal Diffuser, Wallwasher): L890, L1182, L1475, L1765, L2055 Luminaire Length in mm (Lens Louvre*): L1002, L1252, L1502, L1752, L2002
Suspension	Y: Y-Cord Suspension
Lens Louvre*	W: Snow White, A: Satin Silver, B: Jet Black, H: Anodic Champagne, K: Satin Copper, G: Satin Gold
On Request	90°Corner, Midpin Spotlights XM, Midpin Spotlights XP, Multisensor [L1182-L2055], Emergency Module [L1182-L2055]

**Opal Diffuser made of sustainable TruCircle Polycarbonate / Fire Rated

- Glow wire flammability Index 950°C EN60695-2-12 / Tp(a). Luminous flux reduction of 10%

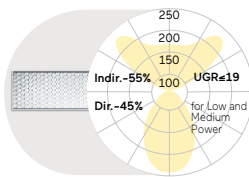


Lens Louvre | Direct-Indirect



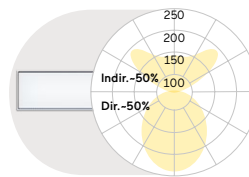
L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
1002	4510lm/34W	6340lm/48W
1252	5800lm/42W	8170lm/61W
1502	6870lm/49W	9660lm/71W
1752	8160lm/57W	11470lm/83W
2002	9240lm/63W	12990lm/96W

Microprismatic | Direct-Indirect



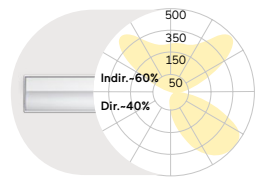
L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power
890	2500lm/22W	3440lm/30W	4790lm/42W
1182	3390lm/28W	4710lm/39W	6600lm/55W
1475	4270lm/35W	5890lm/48W	8200lm/68W
1765	5150lm/41W	7110lm/56W	9890lm/81W
2055	6040lm/50W	8330lm/69W	11780lm/98W

Opal Diffuser | Direct-Indirect



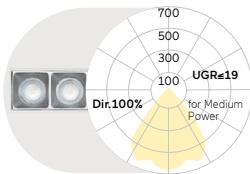
L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power
890	2670lm/22W	3680lm/30W	5130lm/42W
1182	3620lm/28W	4980lm/39W	6940lm/55W
1475	4560lm/35W	6280lm/48W	8760lm/68W
1765	5510lm/41W	7590lm/56W	10570lm/81W
2055	6450lm/50W	8890lm/69W	12380lm/98W

Wallwasher | Direct-Indirect



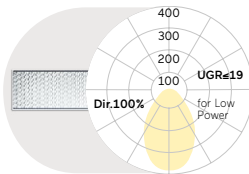
L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
890	2910lm/26W	3980lm/37W
1182	3950lm/37W	5420lm/51W
1475	5000lm/45W	6850lm/63W
1765	6040lm/54W	8280lm/75W
2055	7090lm/65W	9710lm/91W

Lens Louvre | Direct



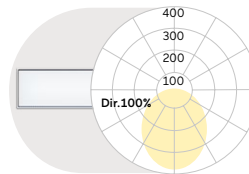
L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
1002	2500lm/19W	3590lm/28W
1252	3120lm/23W	4500lm/34W
1502	3750lm/27W	5380lm/40W
1752	4370lm/31W	6280lm/46W
2002	5000lm/35W	7180lm/53W

Microprismatic | Direct



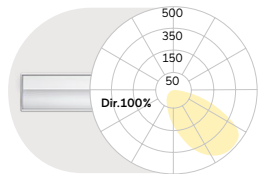
L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power
890	1230lm/12W	1660lm/16W	2350lm/24W
1182	1640lm/16W	2210lm/21W	3130lm/31W
1475	2050lm/19W	2770lm/26W	3920lm/37W
1765	2450lm/22W	3320lm/30W	4700lm/44W
2055	2860lm/28W	3870lm/38W	5490lm/54W

Opal Diffuser | Direct



L mm	Lumen/Watt Low Power	Lumen/Watt Medium Power	Lumen/Watt High Power
890	1400lm/12W	1900lm/16W	2690lm/24W
1182	1870lm/16W	2530lm/21W	3580lm/31W
1475	2340lm/19W	3160lm/26W	4480lm/37W
1765	2810lm/22W	3800lm/30W	5380lm/44W
2055	3270lm/28W	4430lm/38W	6270lm/54W

Wallwasher | Direct



L mm	Lumen/Watt Medium Power	Lumen/Watt High Power
890	1130lm/15W	1540lm/21W
1182	1500lm/19W	2060lm/27W
1475	1880lm/23W	2570lm/33W
1765	2250lm/28W	3090lm/39W
2055	2630lm/34W	3600lm/47W

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

