

OMEGA LINEAR BASIC



Cost-efficient luminaire with an evenly illuminating light surface for in-store needs. Suitable for suspension, rail and continuous solutions.

Benefits

Omega Linear Basic optics create a visually even light surface.

In-store needs have primarily been taken into account with the optics. The wide 90-degree optics are suitable for general lighting, the asymmetrical optics for vertical surfaces of edge areas and symmetrical optics for aisles between shelf spaces.

The steel frame is available as zinc coated (default) or white (RAL 9010, option). The luminaire is always equipped with a DALI driver and is available as an on/off solution with CLO programming or wireless Casambi control.

This luminaire can be installed with lighting suspension tracks, wire brackets, rail brackets, ceiling surface brackets or as continuous installation, and it can be equipped with Wago Winsta, EnstoNet or Wieland cables at delivery. The luminaire does not require opening during installation, and the wires and cables can be hidden in the indentation on the frame.

Suitability

Ideal for in-store lighting where a visually evenly illuminating light surface is needed.

Product families and variants

| MODEL | TYPE CODE | POWER | LUMINOUS FLUX | LUMINAIRE EFFICACY | LIFETIME | OPERATING TEMPERATURE |
|---------------------------|------------|-------|---------------|--------------------|---|-----------------------|
| OMEGA LINEAR BASIC 1156mm | GLOLB01035 | 35 W | 5420 lm | 153 lm/W | L80B50>100 000h, L90B50>72 000h, C10 100 000h | 0 - +45°C |
| OMEGA LINEAR BASIC 1156mm | GLOLB01047 | 47 W | 6770 lm | 144 lm/W | L80B50>100 000h, L90B50>50 000h, C10 100 000h | 0 - +45°C |
| OMEGA LINEAR BASIC 1156mm | GLOLB01052 | 52 W | 7390 lm | 142 lm/W | L80B50>72 000h, L90B50>65 000h, C10 100 000h | 0 - +45°C |
| OMEGA LINEAR BASIC 1156mm | GLOLB01062 | 62 W | 8610 lm | 140 lm/W | L80B50>72 000h, L90B50>59 000h, C10 100 000h | 0 - +35°C |
| OMEGA LINEAR BASIC 2283mm | GLOLB01068 | 68 W | 10650 lm | 156 lm/W | L80B50>100 000h, L90B50>72 000h, C10 100 000h | 0 - +45°C |
| OMEGA LINEAR BASIC 2283mm | GLOLB01087 | 87 W | 13310 lm | 153 lm/W | L80B50>100 000h, L90B50>50 000h, C10 100 000h | 0 - +35°C |
| OMEGA LINEAR BASIC 2283mm | GLOLB01103 | 103 W | 15150 lm | 148 lm/W | L80B50>72 000h, L90B50>57 000h, C10 100 000h | 0 - +30°C |
| OMEGA LINEAR BASIC 2283mm | GLOLB01107 | 107 W | 15650 lm | 147 lm/W | L80B50>72 000h, L90B50>53 000h, C10 100 000h | 0 - +45°C |
| OMEGA LINEAR BASIC 2283mm | GLOLB01117 | 117 W | 16750 lm | 143 lm/W | L80B50>72 000h, L90B50>48 000h, C10 100 000h | 0 - +40°C |
| OMEGA LINEAR BASIC 2843mm | GLOLB01083 | 83 W | 13080 lm | 157 lm/W | L80B50>100 000h, L90B50>68 000h, C10 100 000h | 0 - +35°C |
| OMEGA LINEAR BASIC 2843mm | GLOLB01120 | 120 W | 17970 lm | 149 lm/W | L80B50>72 000h, L90B50>54 000h, C10 100 000h | 0 - +45°C |
| OMEGA LINEAR BASIC 2843mm | GLOLB01147 | 147 W | 20740 lm | 142 lm/W | L80B50>72 000h, L90B50>45 000h, C10 100 000h | 0 - +35°C |

Notes:

All values in ambient temperature of +25°C, CCT 4000K, CRI80, luminous flux tolerance +-5%, output power tolerance +-5%. Use environment must be non condensing.

Dimensions

| MODEL | TYPE CODE | LENGTH (L) | HEIGHT (H) | WIDTH (W) | WEIGHT |
|---------------------------|------------|------------|------------|-----------|--------|
| OMEGA LINEAR BASIC 1156mm | GLOLB01035 | 1156 mm | 51 mm | 65 mm | 2,3 kg |
| OMEGA LINEAR BASIC 1156mm | GLOLB01047 | 1156 mm | 51 mm | 65 mm | 2,3 kg |
| OMEGA LINEAR BASIC 1156mm | GLOLB01052 | 1156 mm | 51 mm | 65 mm | 2,3 kg |
| OMEGA LINEAR BASIC 1156mm | GLOLB01062 | 1156 mm | 51 mm | 65 mm | 2,3 kg |
| OMEGA LINEAR BASIC 2283mm | GLOLB01068 | 2283 mm | 51 mm | 65 mm | 4,0 kg |
| OMEGA LINEAR BASIC 2283mm | GLOLB01087 | 2283 mm | 51 mm | 65 mm | 4,0 kg |
| OMEGA LINEAR BASIC 2283mm | GLOLB01103 | 2283 mm | 51 mm | 65 mm | 4,0 kg |
| OMEGA LINEAR BASIC 2283mm | GLOLB01107 | 2283 mm | 51 mm | 65 mm | 4,0 kg |
| OMEGA LINEAR BASIC 2283mm | GLOLB01117 | 2283 mm | 51 mm | 65 mm | 4,0 kg |
| OMEGA LINEAR BASIC 2843mm | GLOLB01083 | 2843 mm | 51 mm | 65 mm | 5,0 kg |
| OMEGA LINEAR BASIC 2843mm | GLOLB01120 | 2843 mm | 51 mm | 65 mm | 5,0 kg |
| OMEGA LINEAR BASIC 2843mm | GLOLB01147 | 2843 mm | 51 mm | 65 mm | 5,0 kg |

General Description

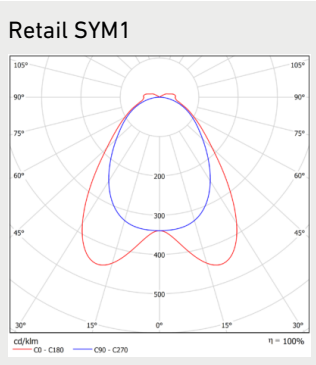
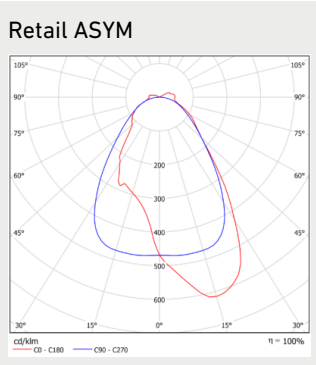
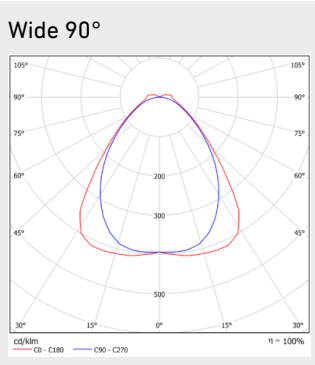
| | |
|-------------------------|--|
| COLOUR TEMPERATURE: | 3000, 4000, 5000 K ⁽¹⁾ |
| COLOUR RENDERING INDEX: | R _A ≥ 80 (option 90) |
| OPTIC: | PMMA |
| IP CLASS: | IP20 |
| SUPPLY VOLTAGE: | 220-240 Vac |
| FREQUENCY: | 50-60 Hz |
| PF: | >0.95 |
| THD: | 20% |
| CONNECTION: | Chainable max 5*2,5mm2 OR max 3*2,5mm2 and DALI +/- . Optional through wiring. |
| DIMMABILITY: | Casambi, DALI, On/off |

| | |
|---------------------------------|--|
| COLOUR: | Galvanized steel (white steel RAL 9010 as an option) |
| MATERIAL OF THE LUMINAIRE BODY: | Steel |
| GUARANTEE: | 5 years |
| ACCESSORIES (INSTALLATION): | 9908688 Omega Linear ceiling bracket, 9905206 Omega Linear ladder- and threaded rod bracket, 9905203 / 9905204 Omega Linear adjustable susp.rail bracket, G00357 / G00358 Omega Linear suspension wire bracket 3m / 5m, 9908337 Omega Linear horizontal wire bracket (max 8 mm), G00359 Omega Linear lighting track bracket, O Linear railbracket ¹⁾ , 9908359 / 9908360 Omega Linear railbracket 45 degree, 9908437 Omega Linear suspension rail bracket 70mm, 9908468 Omega Linear suspension rail bracket 82mm, 9908336 Omega Linear suspension rail bracket 110mm |

Notes:

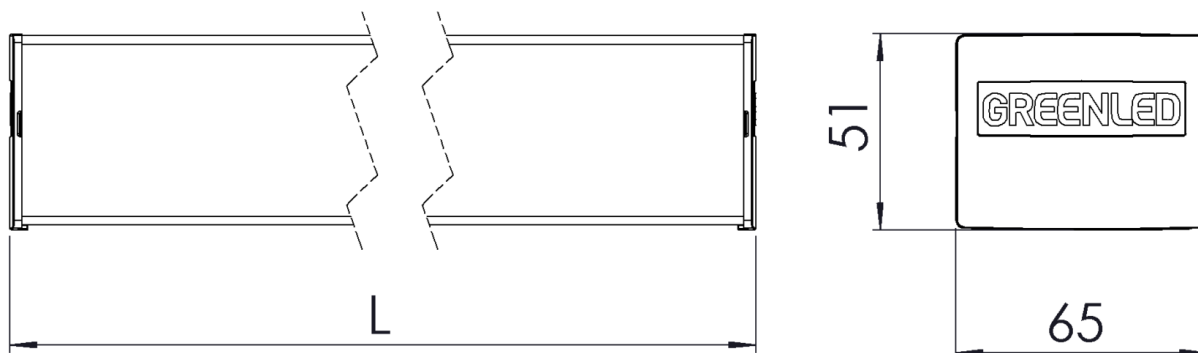
1) SDCM ≤3

Light distribution



Dimensions

Dimensions

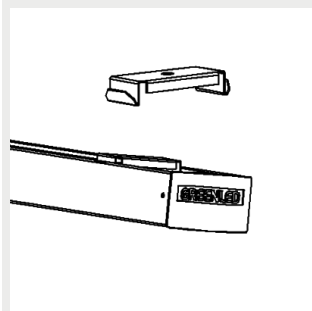


Notes:

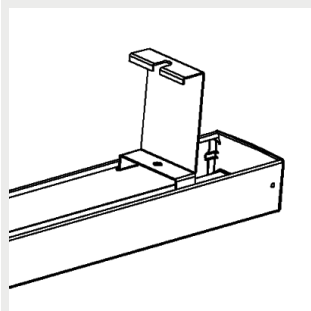
L = 1156 mm / 2283 mm / 2843 mm

Brackets

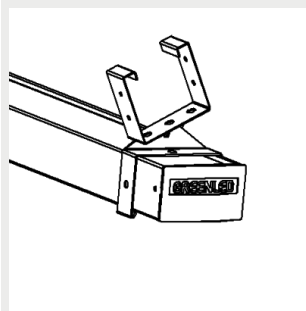
9908688 Omega Linear ceiling bracket



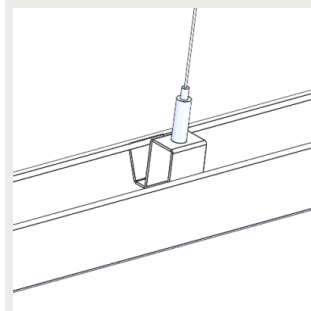
9905206 Omega Linear ladder- and threaded rod bracket



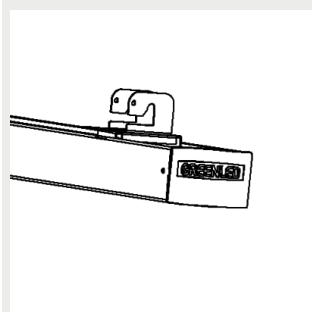
9905203 / 9905204 Omega Linear adjustable susp.rail bracket



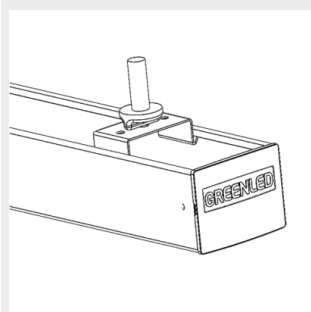
G00357 / G00358 Omega Linear suspension wire bracket 3m / 5m



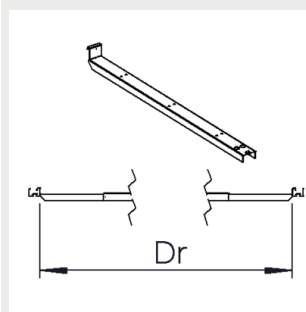
9908337 Omega Linear horizontal wire bracket (max 8 mm)



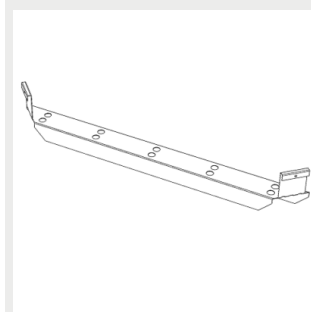
G00359 Omega Linear lighting track bracket



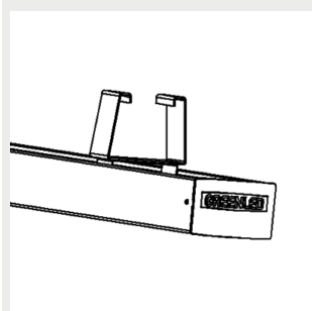
O Linear railbracket⁽¹⁾



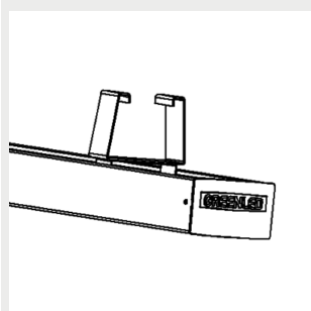
9908359 / 9908360 Omega Linear railbracket 45 degree



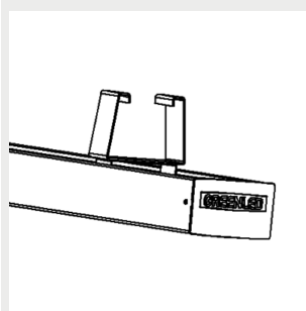
9908437 Omega Linear suspension rail bracket 70mm



9908468 Omega Linear suspension rail bracket 82mm



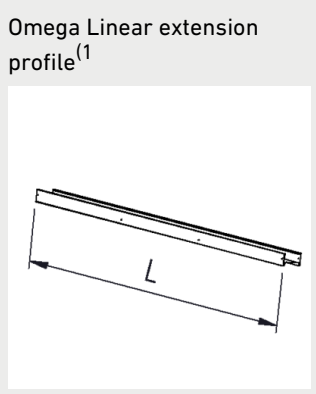
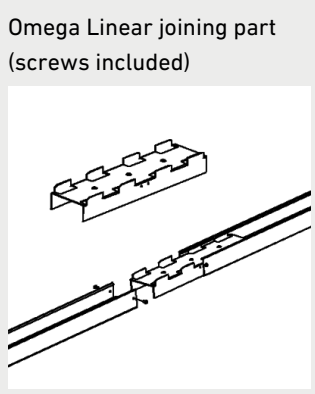
9908336 Omega Linear suspension rail bracket 110mm



Notes:

1) Dr = see the installation instructions for more information

Accessories



Circuit breakers

| | B10 | B16 | B20 | C10 | C16 | C20 |
|---|-----|-----|-----|-----|-----|-----|
| Omega Linear Basic 35W, 68W DALI & OnOff | 12 | 20 | 25 | 20 | 33 | 41 |
| Omega Linear Basic 47W, 52W, 62W DALI & OnOff | 9 | 14 | 18 | 15 | 23 | 30 |
| Omega Linear Basic 87W, 83W DALI & OnOff | 17 | 22 | 25 | 26 | 36 | 41 |
| Omega Linear Basic 103W DALI & OnOff | 17 | 22 | 25 | 22 | 35 | 41 |
| Omega Linear Basic 107W DALI & OnOff | 17 | 22 | 25 | 21 | 34 | 41 |
| Omega Linear Basic 117W, 120W DALI & OnOff | 17 | 22 | 25 | 19 | 30 | 38 |
| Omega Linear Basic 147W DALI & OnOff | 15 | 22 | 25 | 15 | 25 | 31 |
| Omega Linear Basic 35W, 47W, 52W, 68W Casambi | 15 | 24 | 30 | 24 | 40 | 49 |
| Omega Linear Basic 62W Casambi | 21 | 36 | 45 | 36 | 60 | 73 |
| Omega Linear Basic 87W, 83W Casambi | 18 | 32 | 40 | 26 | 42 | 52 |
| Omega Linear Basic 103W, 107W Casambi | 18 | 32 | 40 | 21 | 34 | 43 |
| Omega Linear Basic 117W, 120W Casambi | 18 | 30 | 38 | 19 | 30 | 38 |
| Omega Linear Basic 147W Casambi | 15 | 24 | 31 | 15 | 25 | 31 |

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