



Light Blade

TRACK LINEAR | NON-DALI SERIES

A modern and stylish track mounted linear luminaire. The most innovative mounting technology completely hides the adaptors inside the track for a unique ambiance in office spaces, art galleries, meeting rooms and building entrances. Forms a modular system for continuous optic line. Homogenous illuminated light lines without lateral light emission.

Tunable white - Light color temperature can be adjusted to reflect the need or mood of the user. The light provided by the luminaires can be changed from warm to cold, in a range between 2700K - 6500K.

LightBlade has several series, determined by various add-on and controls:

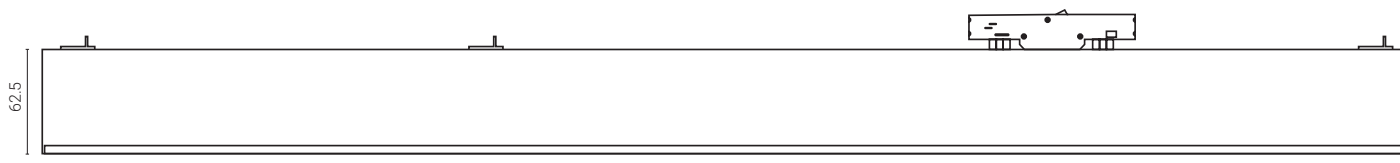
- **Light Blade Non-DALI:** the standard for office spaces
- Light blade DALI: with DALI controls for illumination adjustments
- Light Blade TW - the tunable white system with adjustable colour temperature

APPLICATION

Office | Healthcare | Hospitality | DIY

FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K, 6500K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 107lm/w @4000K
- Dimmable (only for DALI Series)



304 / 585 / 865 / 1146 / 1426

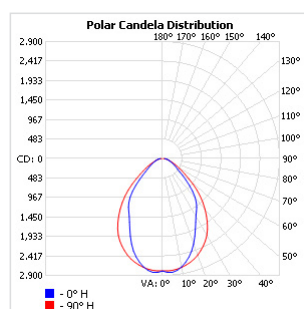
SPECIFICATIONS

| | | | | | |
|--------------------------------|-------------------------------------|----------------|--------------------|-----------------|-----------------|
| Power consumption | 11W , 13W | 8W , 15W , 22W | 10W, 15W, 26W, 32W | 21W , 35W , 42W | 25W , 34W , 53W |
| Length | 304 ± 1mm | 585 ± 1mm | 865 ± 1mm | 1146 ± 1mm | 1426 ± 1mm |
| Height | 62.5 ± 1mm | 62.5 ± 1mm | 62.5 ± 1mm | 62.5 ± 1mm | 62.5 ± 1mm |
| Width | 32 ± 1mm | 32 ± 1mm | 32 ± 1mm | 32 ± 1mm | 32 ± 1mm |
| Weight | 0.6 Kg | 0.9 Kg | 1.2 Kg | 1.5 Kg | 1.8 Kg |
| Housing materials | Aluminum & Polycarbonate | | | | |
| IK code | IK04 | | | | |
| THD (at 230V, 50Hz, Full load) | <8% | | | | |
| Protection class | Safety class 1 | | | | |
| Operating temperature [°C] | -20°C ... +45°C / -4F ... +113F | | | | |
| Operating humidity [%] | 10 ÷ 85 | | | | |
| Power factor | ≥0.95 | | | | |
| AC Input [Vac] | 220 - 240 VAC | | | | |
| Lens angle [°] | 70° | | | | |
| Lifespan [h] | 50,000 | | | | |
| Housing color | ○ RAL9010 - White ● RAL9005 - Black | | | | |
| Lumen maintenance | L90/B10@50.000h at 25°C | | | | |
| IP factor | IP20 | | | | |
| Control optional | - | | | | |
| Warranty [years] | 5 | | | | |
| Storage temperature range [°C] | -20°C ... +55°C / -4F ... +131F | | | | |
| Emergency option | - | | | | |

| | |
|---------|---------------------------|
| # | Standard |
| CRI | CRI80 |
| CCT [K] | 3000 / 4000 / 5000 / 6500 |
| MacAdam | 4 |

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



70°

TOLERANCES**Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM**BATTERY WARRANTY****Non-DALI EM & DALI EM:** 12 months warranty**Non-DALI & DALI:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

| Luminaire Power(W) | Control type | Circuit Breaker Type | | | | | |
|--------------------|--------------|----------------------|----|----|----|----|----|
| | | B | | | C | | |
| | | 20 | 16 | 10 | 20 | 16 | 10 |
| < 50W | Non-DALI | 38 | 30 | 19 | 62 | 51 | 31 |
| ≥ 50W | Non-DALI | 38 | 30 | 19 | 62 | 51 | 31 |
| < 80W | DALI | 27 | 21 | 13 | 45 | 35 | 21 |

RISK GROUP**Standard (CRI80)** RG1**FOOD (BVF, FBS, FSM)** RG1**FOOD ≤35W (FZM, FSH)** RG1**FOOD >35W (FZM, FSH)** RG2**FAS** RG1**AMB2200** RG1**ART** RG1**AGI** RG1**CRI90** RG1**CRI95** RG1**ENT** RG1**RG1**

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

SKU SPECIFICATIONS

| Product Code | Dimensions (mm) | CCT (K) | Lumens (lm) | Power (W) | Eff. (lm/watt) | Lens Angle (°) |
|--------------------------------------|------------------------|---------|-------------|-----------|----------------|----------------|
| CRI 80 | | | | | | |
| 198049 LightBlade 30/3000/11W/80/MP | 304 x 32 x 62.5 ± 1mm | 3000 | 965 | 11W | 88 | 70° |
| 198050 LightBlade 30/4000/11W/80/MP | 304 x 32 x 62.5 ± 1mm | 4000 | 1005 | 11W | 91 | 70° |
| 198051 LightBlade 30/5000/11W/80/MP | 304 x 32 x 62.5 ± 1mm | 5000 | 1035 | 11W | 95 | 70° |
| 198052 LightBlade 30/6500/11W/80/MP | 304 x 32 x 62.5 ± 1mm | 6500 | 1005 | 11W | 92 | 70° |
| 198053 LightBlade 30/3000/13W/80/MP | 304 x 32 x 62.5 ± 1mm | 3000 | 1140 | 13W | 88 | 70° |
| 198054 LightBlade 30/4000/13W/80/MP | 304 x 32 x 62.5 ± 1mm | 4000 | 1185 | 13W | 91 | 70° |
| 198055 LightBlade 30/5000/13W/80/MP | 304 x 32 x 62.5 ± 1mm | 5000 | 1220 | 13W | 94 | 70° |
| 198056 LightBlade 30/6500/13W/80/MP | 304 x 32 x 62.5 ± 1mm | 6500 | 1185 | 13W | 92 | 70° |
| 198000 LightBlade 60/3000/8W/80/MP | 585 x 32 x 62.5 ± 1mm | 3000 | 735 | 8W | 92 | 70° |
| 198001 LightBlade 60/4000/8W/80/MP | 585 x 32 x 62.5 ± 1mm | 4000 | 765 | 8W | 96 | 70° |
| 198002 LightBlade 60/5000/8W/80/MP | 585 x 32 x 62.5 ± 1mm | 5000 | 790 | 8W | 99 | 70° |
| 198003 LightBlade 60/6500/8W/80/MP | 585 x 32 x 62.5 ± 1mm | 6500 | 765 | 8W | 96 | 70° |
| 198004 LightBlade 60/3000/15W/80/MP | 585 x 32 x 62.5 ± 1mm | 3000 | 1340 | 15W | 90 | 70° |
| 198005 LightBlade 60/4000/15W/80/MP | 585 x 32 x 62.5 ± 1mm | 4000 | 1395 | 15W | 93 | 70° |
| 198006 LightBlade 60/5000/15W/80/MP | 585 x 32 x 62.5 ± 1mm | 5000 | 1435 | 15W | 96 | 70° |
| 198007 LightBlade 60/6500/15W/80/MP | 585 x 32 x 62.5 ± 1mm | 6500 | 1395 | 15W | 93 | 70° |
| 198008 LightBlade 60/3000/22W/80/MP | 585 x 32 x 62.5 ± 1mm | 3000 | 1910 | 22W | 87 | 70° |
| 198009 LightBlade 60/4000/22W/80/MP | 585 x 32 x 62.5 ± 1mm | 4000 | 1990 | 22W | 91 | 70° |
| 198010 LightBlade 60/5000/22W/80/MP | 585 x 32 x 62.5 ± 1mm | 5000 | 2045 | 22W | 93 | 70° |
| 198011 LightBlade 60/6500/22W/80/MP | 585 x 32 x 62.5 ± 1mm | 6500 | 1990 | 22W | 91 | 70° |
| 198069 LightBlade 90/3000/10W/80/MP | 865 x 32 x 62.5 ± 1mm | 3000 | 960 | 10W | 96 | 70° |
| 198070 LightBlade 90/4000/10W/80/MP | 865 x 32 x 62.5 ± 1mm | 4000 | 1000 | 10W | 100 | 70° |
| 198071 LightBlade 90/5000/10W/80/MP | 865 x 32 x 62.5 ± 1mm | 5000 | 1030 | 10W | 103 | 70° |
| 198072 LightBlade 90/6500/10W/80/MP | 865 x 32 x 62.5 ± 1mm | 6500 | 1000 | 10W | 100 | 70° |
| 198057 LightBlade 90/3000/15W/80/MP | 865 x 32 x 62.5 ± 1mm | 3000 | 1440 | 15W | 96 | 70° |
| 198058 LightBlade 90/4000/15W/80/MP | 865 x 32 x 62.5 ± 1mm | 4000 | 1500 | 15W | 100 | 70° |
| 198059 LightBlade 90/5000/15W/80/MP | 865 x 32 x 62.5 ± 1mm | 5000 | 1545 | 15W | 103 | 70° |
| 198060 LightBlade 90/6500/15W/80/MP | 865 x 32 x 62.5 ± 1mm | 6500 | 1500 | 15W | 100 | 70° |
| 198061 LightBlade 90/3000/26W/80/MP | 865 x 32 x 62.5 ± 1mm | 3000 | 2450 | 26W | 95 | 70° |
| 198062 LightBlade 90/4000/26W/80/MP | 865 x 32 x 62.5 ± 1mm | 4000 | 2550 | 26W | 98 | 70° |
| 198063 LightBlade 90/5000/26W/80/MP | 865 x 32 x 62.5 ± 1mm | 5000 | 2620 | 26W | 101 | 70° |
| 198064 LightBlade 90/6500/26W/80/MP | 865 x 32 x 62.5 ± 1mm | 6500 | 2550 | 26W | 99 | 70° |
| 198065 LightBlade 90/3000/32W/80/MP | 865 x 32 x 62.5 ± 1mm | 3000 | 2895 | 32W | 91 | 70° |
| 198066 LightBlade 90/4000/32W/80/MP | 865 x 32 x 62.5 ± 1mm | 4000 | 3015 | 32W | 94 | 70° |
| 198067 LightBlade 90/5000/32W/80/MP | 865 x 32 x 62.5 ± 1mm | 5000 | 3100 | 32W | 97 | 70° |
| 198068 LightBlade 90/6500/32W/80/MP | 865 x 32 x 62.5 ± 1mm | 6500 | 3015 | 32W | 95 | 70° |
| 198012 LightBlade 120/3000/21W/80/MP | 1146 x 32 x 62.5 ± 1mm | 3000 | 2075 | 21W | 99 | 70° |
| 198013 LightBlade 120/4000/21W/80/MP | 1146 x 32 x 62.5 ± 1mm | 4000 | 2160 | 21W | 103 | 70° |
| 198014 LightBlade 120/5000/21W/80/MP | 1146 x 32 x 62.5 ± 1mm | 5000 | 2220 | 21W | 106 | 70° |
| 198015 LightBlade 120/6500/21W/80/MP | 1146 x 32 x 62.5 ± 1mm | 6500 | 2160 | 21W | 103 | 70° |
| 198016 LightBlade 120/3000/35W/80/MP | 1146 x 32 x 62.5 ± 1mm | 3000 | 3330 | 35W | 96 | 70° |
| 198017 LightBlade 120/4000/35W/80/MP | 1146 x 32 x 62.5 ± 1mm | 4000 | 3470 | 35W | 100 | 70° |
| 198018 LightBlade 120/5000/35W/80/MP | 1146 x 32 x 62.5 ± 1mm | 5000 | 3565 | 35W | 102 | 70° |
| 198019 LightBlade 120/6500/35W/80/MP | 1146 x 32 x 62.5 ± 1mm | 6500 | 3470 | 35W | 100 | 70° |
| 198020 LightBlade 120/3000/42W/80/MP | 1146 x 32 x 62.5 ± 1mm | 3000 | 3855 | 42W | 92 | 70° |
| 198021 LightBlade 120/4000/42W/80/MP | 1146 x 32 x 62.5 ± 1mm | 4000 | 4015 | 42W | 96 | 70° |
| 198022 LightBlade 120/5000/42W/80/MP | 1146 x 32 x 62.5 ± 1mm | 5000 | 4125 | 42W | 99 | 70° |
| 198023 LightBlade 120/6500/42W/80/MP | 1146 x 32 x 62.5 ± 1mm | 6500 | 4015 | 42W | 96 | 70° |
| 198024 LightBlade 150/3000/25W/80/MP | 1426 x 32 x 62.5 ± 1mm | 3000 | 2550 | 25W | 102 | 70° |

SKU SPECIFICATIONS

| Product Code | Dimensions (mm) | CCT (K) | Lumens (lm) | Power (W) | Eff. (lm/watt) | Lens Angle (°) |
|--------------------------------------|------------------------|---------|-------------|-----------|----------------|----------------|
| CRI 80 | | | | | | |
| 198025 LightBlade 150/4000/25W/80/MP | 1426 x 32 x 62.5 ± 1mm | 4000 | 2655 | 25W | 107 | 70° |
| 198026 LightBlade 150/5000/25W/80/MP | 1426 x 32 x 62.5 ± 1mm | 5000 | 2730 | 25W | 110 | 70° |
| 198027 LightBlade 150/6500/25W/80/MP | 1426 x 32 x 62.5 ± 1mm | 6500 | 2655 | 25W | 107 | 70° |
| 198028 LightBlade 150/3000/34W/80/MP | 1426 x 32 x 62.5 ± 1mm | 3000 | 3300 | 34W | 98 | 70° |
| 198029 LightBlade 150/4000/34W/80/MP | 1426 x 32 x 62.5 ± 1mm | 4000 | 3435 | 34W | 102 | 70° |
| 198030 LightBlade 150/5000/34W/80/MP | 1426 x 32 x 62.5 ± 1mm | 5000 | 3530 | 34W | 104 | 70° |
| 198031 LightBlade 150/6500/34W/80/MP | 1426 x 32 x 62.5 ± 1mm | 6500 | 3435 | 34W | 102 | 70° |
| 198032 LightBlade 150/3000/53W/80/MP | 1426 x 32 x 62.5 ± 1mm | 3000 | 4795 | 53W | 91 | 70° |
| 198033 LightBlade 150/4000/53W/80/MP | 1426 x 32 x 62.5 ± 1mm | 4000 | 4995 | 53W | 95 | 70° |
| 198034 LightBlade 150/5000/53W/80/MP | 1426 x 32 x 62.5 ± 1mm | 5000 | 5130 | 53W | 97 | 70° |
| 198035 LightBlade 150/6500/53W/80/MP | 1426 x 32 x 62.5 ± 1mm | 6500 | 4995 | 53W | 95 | 70° |