



Light Blade

TRACK LINEAR LUMINAIRES | TEC 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.

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

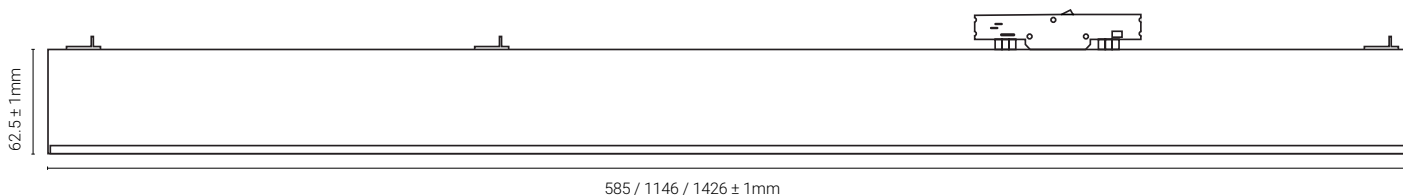
- Light Blade TEC: the standard for office spaces
- Light blade ECO-DALI: with DALI controls for illumination adjustments

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: 107 lm/w @4000K
- Dimmable (for ECO Series)



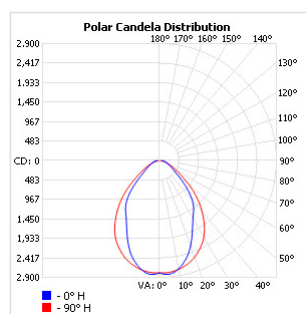
SPECIFICATIONS

Power consumption	8W, 15W, 22W	21W, 35W, 42W	25W , 34W , 53W
Dimensions	585 x 32 x 62.5 ± 1mm	1146 x 32 x 62.5 ± 1mm	1426 x 32 x 62.5 ± 1mm
Weight	0.9Kg	1.5Kg	1.8Kg
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	○ White - RAL9010 ● Black - RAL9005		
Lumen maintenance	L90/B10@50.000h at 25°C		
IP factor	IP20		
Control optional	For product information please see Light Blade ECO-DALI datasheet		
Warranty [years]	5		
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F		
Emergency option	-		

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

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

LIGHT DISTRIBUTION



A70

RISK GROUP

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.

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

BATTERY WARRANTY

TEC EM & ECO EM: 12 months warranty

TEC & ECO: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
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°
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°
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°