

LED Street Balance



Characteristics

Easy and quick installation
 High light efficiency, low energy consumption High luminous efficiency of >170 lm/W
 They are light-emitting diodes, so they do not have filaments or burn out quickly (they have incredibly long lives)
 Built-in level for LED Street Balance
 EU made product
 Quality in accordance to all EU standards and directives

Typical application

Street lighting
 Areal lighting

Electrical characteristics

Supply voltage	100-240VAC
Frequency	50/60 Hz
Power factor	>0.95

Lighting characteristics

Efficiency	up to 135 lm/W up to 170 lm/W on request
Color rendering index (CRI)	>70, >80 on request
Color temperature (CCT)	3000K/4000K/6500K
LEDs	Philips LED SMD3030
LED driver	Meanwell HLG-XLG/ Electrostart JSCo
Beam angle lens options	T2-65°x145° – 44°x155° T3-70°x150° – 80°x150° T4-85°x160° – 80°x160°

Protection

Ingress protection	IP65/IP66 on request
Safety class	Class I
Surge protection	L-N:4KV: L/N-GND:6KV

Recommended usage Electrostart SPD 10/20kV
 for countries with lots
 of lightning/thundering

Warranty conditions

Lifespan	50 000 h 70 000 h on request
Warranty	5 Y/ 7 Y on request
Operating temperature	-20 ~ 40°C
Storage temperature	-20 ~ 60°C

Body characteristics

Body material	Die-casting aluminum alloy
Mounting hole diameter	60 mm
Angle of movement	168°-192°

Standards

Harmonics	EN 61000-3-2
EMC Immunity	EN 61547
Conducted Emission Test	EN 55015
Luminaires	EN 60598-1
LED Luminaire performance	EN 62722-2-1
Photobiological safety	EN 62471

Product	Rated Power	Luminous Flux	CCT	Efficiency	Material of Body	Length (mm)	Width (mm)	Height (mm)
LED Street Balance	50W	6750	4000K/5000K/6500K	135lm/W	Die-casting aluminum alloy	570	200	110
LED Street Balance	100W	13500	4000K/5000K/6500K	135lm/W	Die-casting aluminum alloy	615	240	110
LED Street Balance	150W	20250	4000K/5000K/6500K	135lm/W	Die-casting aluminum alloy	680	260	110
LED Street Balance	200W	27000	4000K/5000K/6500K	135lm/W	Die-casting aluminum alloy	700	300	110
LED Street Balance	240W	32400	4000K/5000K/6500K	135lm/W	Die-casting aluminum alloy	700	300	110
LED Street Balance	300W	40500	4000K/5000K/6500K	135lm/W	Die-casting aluminum alloy	790	300	110