



Skyline Xtra (BRP360)

A New & Innovative LED Street Light



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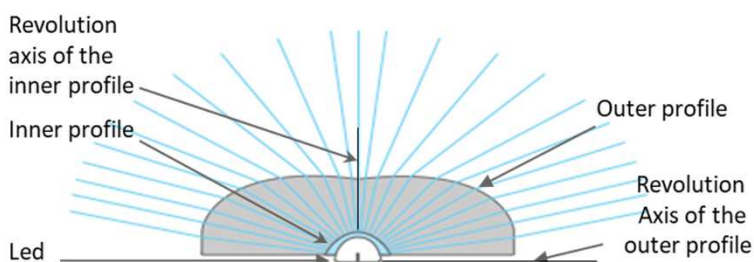
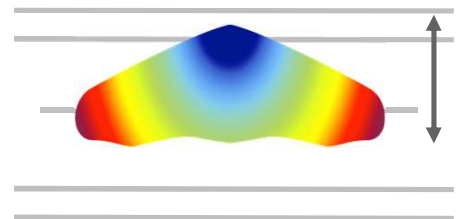
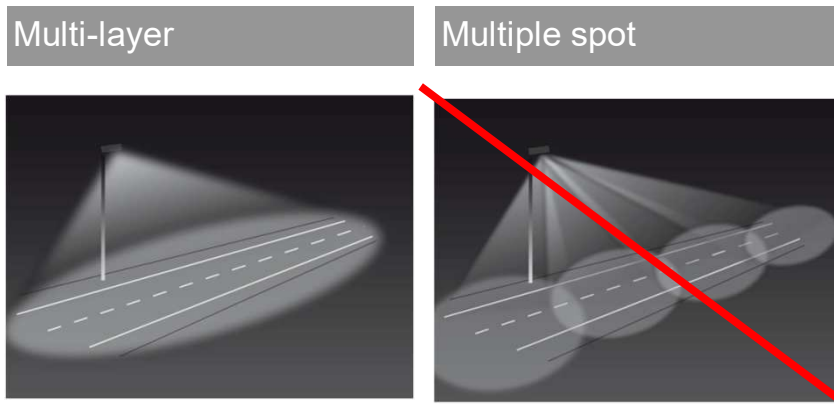


Features & Benefits

- **Best in class energy-efficiency** : System efficacy of $>120\text{lm/W}$; 1:1 replacement for 1x440W SON street lights
- **Robust, Reliable and Safe:**
 - Toughened and shatter-proof quality built-in lens enhances safety
 - IP66 rated against ingress of dust and moisture; IK09 rated against external impact
 - 440V Phase 2 Phase protection for 8 hrs. and wide input voltage range of 120-277V
 - 4kV internal and 10kV external surge protection
 - Long life of 50,000 hrs. @L70B50 compared to conventional solutions
 - Pressure die-cast LM6 alloy housing offers excellent corrosion-resistance and robustness
 - Marine salt protection painted option available on request
- **Uniform lighting:** Street light distribution optics for uniform lighting on the street
- **Multiple choice of control interface:** 1-10V, DALI, Coded mains/City Touch/ SSRF for Interact City options available on request

Optimized Road Lighting Performance

- **Maximized Energy Savings:**
 - Optimized Road Lighting Performance – Selection of unique dedicated optical lens with flexible lumen packages to suit different applications
 - More Light on the Road – Superior watts per square meter (W/m^2) performance – Using less energy to light per m^2 on the road
- Integrated PC optic design guarantees light uniformity
- The innovative Led PCB design ensures road safety in the unlikely event of individual LED failure



• Inner profile curve for maximum spacing between poles

• Outer profile curve to cover higher road widths

Applications

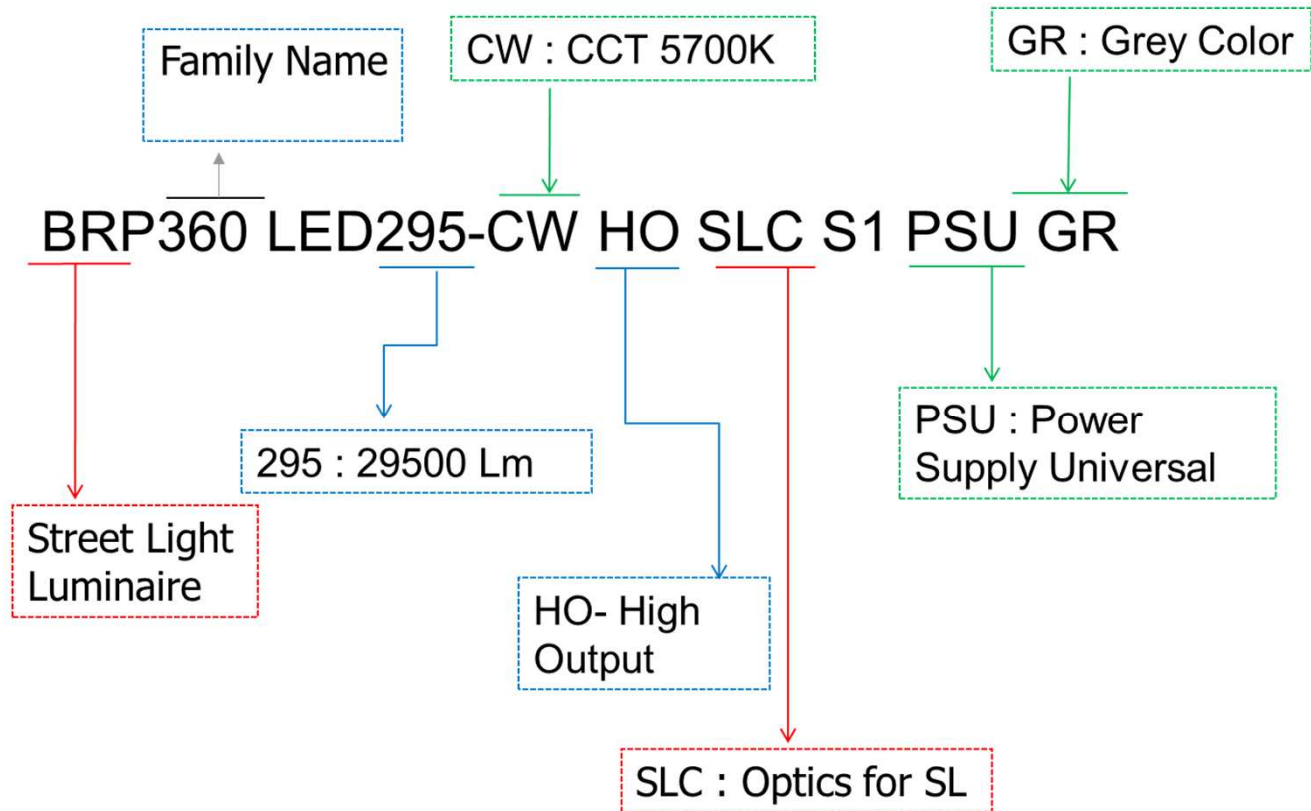
- Highways & Expressways
- City main traffic roads
- City shopping & commercial roads
- Industrial Sector Roads
- Smart Cities



Specifications

Description	BRP360			
System Lumen (nominal)	21,300 lm	24,000 lm	26,500 lm	29,500 lm
Wattage (nominal)	170W	190W	210W	235W
Luminous efficacy	>120 lm/W			
CCT	5700K (3000K/4000K-Available on request)			
CRI & SDCM	70, <5			
Life (L70B50)	50,000 hrs @ T _a 35°C			
IP & IK rating	IP66, IK09			
Control Option	1-10V, SR (on request); Interact City ready			
Operating Voltage Range	120-277V			
High Voltage Cutoff	325 (±15V)			
Phase to Phase Protection	440V (8 hrs.)			
Auto Restart	Yes			
THD	≤10%			
Electrical protection class	Class 1			
Surge protection	4kV internal and 10kV external			
Serviceability	Class B (driver replaceable)			
Dimensions (LxWxH)	592 x 296 x 151 mm			
Housing material and finish	Pressure Die Cast Aluminum (LM6 alloy); anti dust exposed lens			
Optical Cover	Polycarbonate integrated lens optical cover			
Weight	6kg			
Mounting	Pole Mount (48mm-60mm Diameter)			
Approbation	BIS			

How to read Cat. Ref.



Ordering Data

12 NC	Description	Qty per Box	Spare Driver 12 NC
919515813407	BRP360 LED 295 CW HO SLC S1 PSU GR	1	929002104806
919515813408	BRP360 LED 265 CW HO SLC S1 PSU GR	1	929002104806
919515813409	BRP360 LED 240 CW HO SLC S1 PSU GR	1	929002104806
919515813410	BRP360 LED 213 CW HO SLC S1 PSU GR	1	929002104806
919515813417	BRP360 LED 295 CW HO SLC S1 PSU GR SPD	1	929002104806
919515813418	BRP360 LED 265 CW HO SLC S1 PSU GR SPD	1	929002104806
919515813419	BRP360 LED 240 CW HO SLC S1 PSU GR SPD	1	929002104806
919515813420	BRP360 LED 213 CW HO SLC S1 PSU GR SPD	1	929002104806