



# LED Roadway Light Series

## BestLight LED

Redefining The LED Marketplace

### High Output LED Roadway Luminaire Applications:

Roadway, parking lots, walkways and general area spaces



RAL 9016	IP66	IK08	IK10	3G Vibration test	Class I
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### Performance

Rated input power range: from 30W-180W

- Rated luminous flux range: 3,900 to 20,700 lm
- Rated luminaire efficacy: up to 125 lm/W
- Rated median useful life and the associated rated LM factor: L80B50(10K): 90,047-16,5521hours
- Lumen maintenance code: 9
- Rated colour rendering index (CRI): >70
- Rated correlated colour temperatures: 4000K
- Rated initial chromaticity co-ordinate values: CIE(x= 0.4338, y= 0.4030) SDCM=5 (4000K)
- Rated ambient temperature (tq) related to performance for a luminaire: 25°C

### Optics

#### Available photometric distributions:

- R17603,R09602: optimized for high traffic ME class roads
- R17602,R09601: optimized for high traffic ME class roads
- R17601,R09603 : optimized for high traffic ME class roads and wide S class roads
- R17604: Optimized for narrow S class roads

#### ORDERING GUIDE:

Product Code	Power(W)	Control	CCT	Accessories	IEC protection	Voltage	Mounting	Color
BL-ST08-30	30	1-10V dimming "T"	4000K	"K" Daylight sensor "KT" Name 7 Socket	Class I	100-277VAC	"W" wall mount "P" Pole mount	R9016
BL-ST08-50	50							
BL-ST08-70	70							
BL-ST07-90	90	Dali dimming "D"						
BL-ST07-120	120	Timming						
BL-ST07-150	150	dimming "TD"						
BL-ST07-180	180							

### Structures and materials

**Housing material:** die-cast aluminium body, stainless steel screws

**Surface finish:** polyester powder coat

**Color:** RAL9016

**Optical cover:** PC lens & tempered glass

**Ingress protection:** IP66

**Mechanical impact protection:** optical IK08, housing IK10

### Installation and maintenance

Mounting options

Post top mounting: pole diameter 34-76mm

Adjustable: 0°, 5°, 10°, 15°

Side mounting: arm diameter 34-76mm

Adjustable: 0°, -5°, -10°, -15°

Weight range\*: from 7 to 10kg;

Recommended mounting height: 8- 12 m

Easy and quick installation via precabbling with or without IP68 connector

Ambient operating temperature: -30C° to +50C°

Storage temperature: up to 70 °C