

DATA SHEET

EkoRoad

High-power LED street lamp for outdoor use
Series ER/M/BLG2

Application

- lighting for streets, pedestrian paths, squares
- lighting industrial plants and car parks
- lighting of private properties and driveway



Model	E90 W
Light source	BRIDGELUX G2 high power LED 3 x 30 W
Model of power supply	TR-1261
Power supply of voltage	186-264 V
Rated frequency of power supply	50-60 Hz
Power coefficient	>0,95
Coefficient of distortion	<10%
Intensity of LED light	14400 lm
Maximum output of fixture	9450 lm
Weight	4,50 kg
LED voltage	30-34 V
Efficiency of the power supply (±2%)	0,94
Consumption of active power (±10%) Tj 90°C	93 W
Colour of light	6000 - 6500 K (optional: 3000 K, 4500 K, 9000 K)
Coefficient of colours	Ra > 75
Maximum angle of light distribution	road 130°x 60° und 120°x 50°, parking 90°x60°
Operating temperature	-30°C bis +40°C
Humidity of the surroundings	10% – 90% RH
Storage temperature	+10°C bis +60°C
Life of the light source	>50 000 h
Class of watertightness	IP65 / IK10
Certificates	CE, RoHS
Assembly	to fit arm of diameter between 48-60 mm
Dimension (mm)	620 x 80 x 80
Fixture/optical system	anodic aluminium / optical glass temper
Colour of frames	Matt silver (optional: Titanium, Black)

ECOLOGICAL

ECONOMIC

EFFECTIVE

BRILLIANTWAY LTD