



E950

TECHNICAL DATASHEET

E950 is a high quality, low-cost solution to replace existing sodium discharge and compact fluorescent luminaires on minor roads.

This luminaire complies with ETL guidelines for White Light Emitting Diode Lighting Units and is eligible for the Enhanced Capital Allowance (ECA) Scheme.

The E950 is DarkSky Approved whilst remaining contractor friendly.

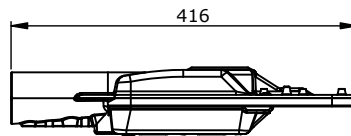
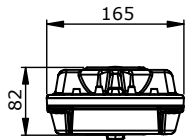


SPECIFICATION

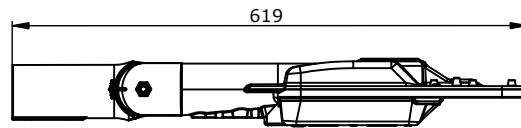
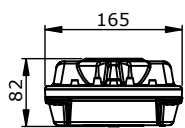
Feature	Low Power	High power
Power Consumption	7 - 27W	9 - 41W
Correlated Colour Temperature	4000K, 3000, 2700K, 2200K	4000K, 3000K, 2700K
DarkSky Approved	Yes (with 3000K CCT or warmer only)	
Luminaire Luminous Flux	650 ~ 3700 lm	980 ~ 6600 lm
Maximum Luminaire Efficacy	Up to 134 lm/W	Up to 154 lm/W
Lumen Maintenance Output	L80 @ 100,000 hours (1050mA, Ta = 25°C), L90 @ 100,000 hours (1050mA, Ta = 25°C), L90 @ 50,000 hours (1050mA, Ta = 25°C)	L90 @ 100,000 hours (1050mA, Ta = 25°C), **Lumen depreciation calculated up to 100,000 hours using IES TM-21 method.
Number of LEDs	28	
Glare Rating	G4 max	
Colour Rendering Index	>70	
Optical Cover	PMMA/Polycarbonate Lenses	
Weight (Total)	3kg	
Operating Temperature	-40°C to +40°C	
Installation Height	4 ~ 8m	
Electrical Class	I	
Control System Input	DALI or Step-dimming	
Surge Protection	10 kV Comm. Mode, 6 kV Diff. Mode to IEC 61000-4-5	
Shielding	Front, rear, left and right shielding options	
Dimming Control	Multi step dimming	
Lighting Regulation	Mini Photocell, NEMA Socket, Zhaga Book 18 Socket	
Installation	SE Ø 34-42mm x 100mm Long, PT Ø 60-76mm x 76mm Long (with adapter)	
Material	Full High Pressure Die Cast Aluminium or Plastic base housing option	
Finish	Polyester powder coat cured under heat	
Colours	Light grey (RAL 7035), other RAL colours available on request	
Ingress Protection	IP66	
Impact Rating	IK10	
Wind Area (projected)	0.049m ²	
Wind Area (SCx)	0.017m ²	

E950

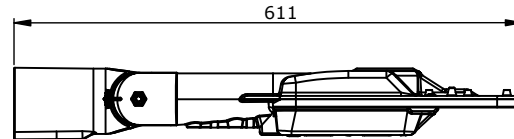
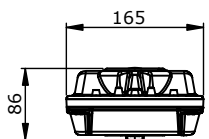
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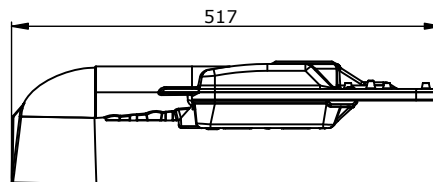
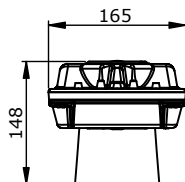
Fixed 0° tilt Side Entry
SE 34-42mm diameter



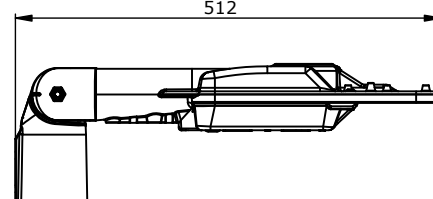
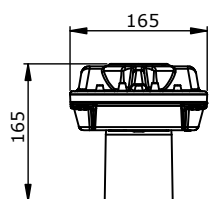
Adjustable tilt ±15° Side Entry
SE 34-42mm diameter



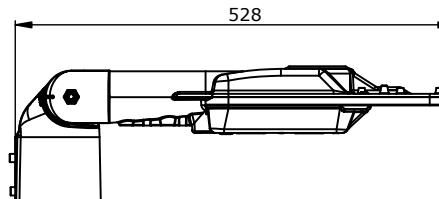
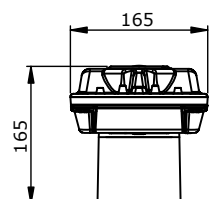
Adjustable tilt ±15° Side Entry
SE 48-60mm diameter



Fixed 0° tilt Post Top
PT 60-76mm diameter



Adjustable tilt ±15° Post Top
PT 48-60mm diameter



Adjustable tilt ±15° Post Top
PT 60-76mm diameter