GE
Lighting

WORLDWIDE PARTNER

DATA SHEET

LED Area Lighter

RAL 9011 | IP65 | IP65 | IK08 | 12-18 KG

Product information

The new generation of the GE LED Area Lighter continues to deliver the same outstanding features associated with the original product, adding greater flexibility and style. The new aesthetics offer a sleek, modern look, and balance the need for photometric scalability with reliable performance. The new modular design provides 34 photometric combinations, available in two colour temperatures, to meet a wide range of needs, particularly in parking, pedestrian and other general lighting areas.

The GE exclusive optical ring design produces superior vertical illuminance and efficiently delivers the required amount of light for each application, without wasteful and unwelcomed light spill into neighbouring properties. Additionally, reduced energy consumption combined with a long rated life that virtually eliminates ongoing maintenance expenses, enables the new LED Area Lighter to provide significant operating cost benefits over the life of each luminaire.

Structures and materials

- Die-cast aluminium housing. Slim architectural design incorporates modular heat sink light engines directly into the unit, ensuring maximum heat transfer, long LED life and a reduce EPA
- Corrosion resistant polyester, powder painted, minimum 2.0mm thickness
- Standard colour: RAL9011 black. Other RAL colors available on demand
- Meet 2G vibration test

Electrical and gear compartment

- The dimmable analog driver is mounted in a separate compartment, isolated from the optical assembly, with a protection of IP65
- Nominal line voltage 200-277V 50/60Hz

Optics

- Optical assembly hermetically sealed providing IP65
- Structured LED arrays for optimised area light photometric distribution
- GE modular light engine consisting of nested concentric directional reflectors designed to optimised application efficiency and minimise glare
- Utilises High Brightness LEDs, 70 CRI at 4000K and 5700K typical, binned per ANSI C78.377-2008
- Photometric measurement in accordance with LM-79

Maintenance

System rating is 50,000 hours at L85.

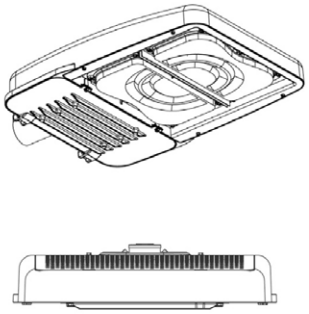
Installation

- Standard side entry mounting on 60mm diameter poles
- Optional post-top on 60mm diameter poles, using a steel deviced painted in black colour. This coupling must be ordered separately.
- Ambient temperature -40°C to 50°C

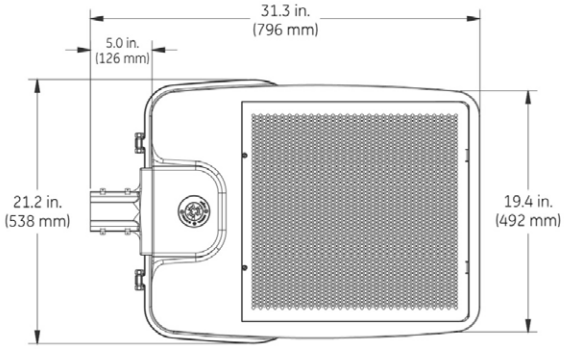
GE imagination at work

Dimensions

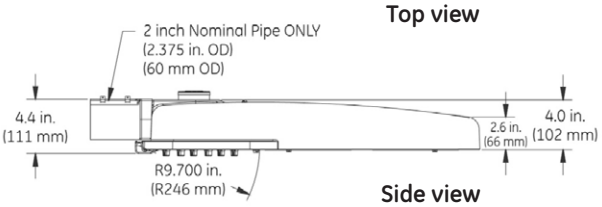
Medium (double) module fixtures (EAMM)



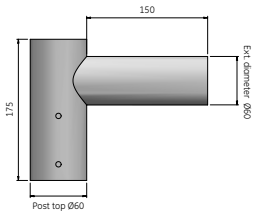
Front view



Top view

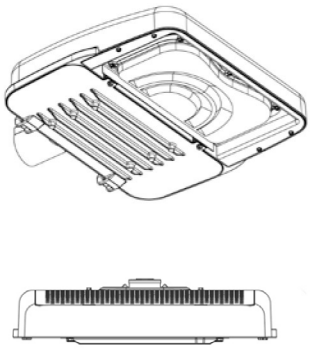


Side view

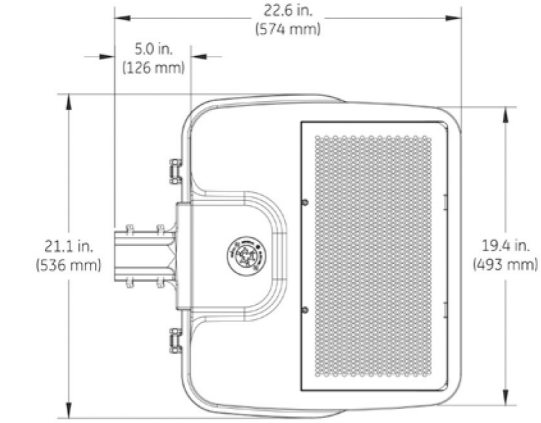


Post top adapter

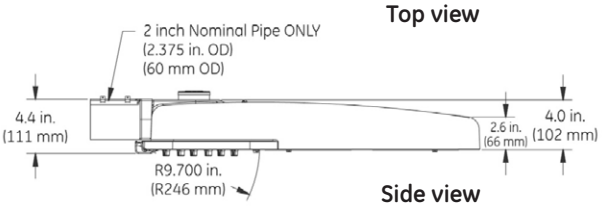
Small (single) module fixtures (EASM)



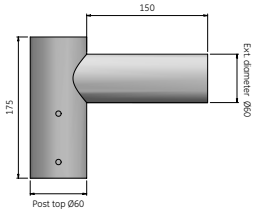
Front view



Top view



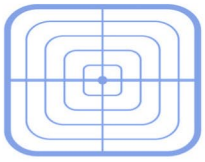
Side view



Post top adapter

IESNA classification

Type V symmetric medium



Type V symmetric short

Asymetric Type IV

Asymetric Type III

Specification data – provisional data

Nomenclature	Number of Modules	Lighting Distribution	Number of LEDs	System Consumpiton [W]
ALE SINGLE/ASY4/50/CCT	SINGLE	Asymmetic Wide (ASY4)	24	50
ALE SINGLE/ASY4/63/CCT	SINGLE	Asymmetic Wide (ASY4)	32	63
ALE SINGLE/ASY4/76/CCT	SINGLE	Asymmetic Wide (ASY4)	40	76
ALE SINGLE/ASY4/89/CCT	SINGLE	Asymmetic Wide (ASY4)	48	89
ALE SINGLE/ASY4/101/CCT	SINGLE	Asymmetic Wide (ASY4)	56	101
ALE DOUBLE/ASY4/126/CCT	DOUBLE	Asymmetic Wide (ASY4)	64	126
ALE DOUBLE/ASY4/139/CCT	DOUBLE	Asymmetic Wide (ASY4)	72	139
ALE DOUBLE/ASY4/152/CCT	DOUBLE	Asymmetic Wide (ASY4)	80	152
ALE DOUBLE/ASY4/165/CCT	DOUBLE	Asymmetic Wide (ASY4)	88	165
ALE DOUBLE/ASY4/178/CCT	DOUBLE	Asymmetic Wide (ASY4)	96	178
ALE DOUBLE/ASY4/190/CCT	DOUBLE	Asymmetic Wide (ASY4)	104	190
ALE DOUBLE/ASY4/202/CCT	DOUBLE	Asymmetic Wide (ASY4)	112	202
ALE SINGLE/ASY3/50/CCT	SINGLE	Asymmetric Forward (ASY3)	24	50
ALE SINGLE/ASY3/63/CCT	SINGLE	Asymmetric Forward (ASY3)	32	63
ALE SINGLE/ASY3/76/CCT	SINGLE	Asymmetric Forward (ASY3)	40	76
ALE SINGLE/ASY3/89/CCT	SINGLE	Asymmetric Forward (ASY3)	48	89
ALE SINGLE/ASY3/101/CCT	SINGLE	Asymmetric Forward (ASY3)	56	101
ALE DOUBLE/ASY3/126/CCT	DOUBLE	Asymmetric Forward (ASY3)	64	126
ALE DOUBLE/ASY3/139/CCT	DOUBLE	Asymmetric Forward (ASY3)	72	139
ALE DOUBLE/ASY3/152/CCT	DOUBLE	Asymmetric Forward (ASY3)	80	152
ALE DOUBLE/ASY3/165/CCT	DOUBLE	Asymmetric Forward (ASY3)	88	165
ALE DOUBLE/ASY3/178/CCT	DOUBLE	Asymmetric Forward (ASY3)	96	178
ALE DOUBLE/ASY3/190/CCT	DOUBLE	Asymmetric Forward (ASY3)	104	190
ALE DOUBLE/ASY3/202/CCT	DOUBLE	Asymmetric Forward (ASY3)	112	202
ALE DOUBLE/SM5/101/CCT	DOUBLE	Symmetric Medium (SM5)	48	101
ALE DOUBLE/SM5/126/CCT	DOUBLE	Symmetric Medium (SM5)	64	126
ALE DOUBLE/SM5/152/CCT	DOUBLE	Symmetric Medium (SM5)	80	152
ALE DOUBLE/SM5/178/CCT	DOUBLE	Symmetric Medium (SM5)	96	178
ALE DOUBLE/SM5/202/CCT	DOUBLE	Symmetric Medium (SM5)	112	202
ALE DOUBLE/SS5/101/CCT	DOUBLE	Symmetric Short (SS5)	48	101
ALE DOUBLE/SS5/126/CCT	DOUBLE	Symmetric Short (SS5)	64	126
ALE DOUBLE/SS5/152/CCT	DOUBLE	Symmetric Short (SS5)	80	152
ALE DOUBLE/SS5/178/CCT	DOUBLE	Symmetric Short (SS5)	96	178
ALE DOUBLE/SS5/202/CCT	DOUBLE	Symmetric Short (SS5)	112	202