E1AFL

LED Architectural Flood Lights



Energeticâ€™s E1AFL series features an extra durable die-cast aluminum housing. The top and bottom finned heat sinks are designed to shed water and debris, while still maximizing cooling. Optics use a unique cluster of SMD mounted LED, surrounded by molded collimator reflector to achieve 6x6 or 7x7 NEMA patterns. The Face frame is designed to reduce up and side glare, while retaining the tempered glass lens, which features a classic ceramic frit. Functional options include D2D photocontrols, or internally mounted occupancy sensor. Mounting options include 2 3/8â€ Slipfit elbow, ½â€ BSPP Elbow, or Yoke mount.

Features

- Optional mounting means
- NEMA 6X6 or 7X7 pattern (wattage dependent)
- Isolated Driver compartment
- Heavy durable housing

Applications

- Perimeter security lighting
- Autobody yard
- Loading dock
- Hardscape
- Building facade
- Monument

Specification

Order Number	85138	85139	85120	85121	85129	85130
Model Number	E1AFL100D-750	E1AFL100DL-750	E1AFL50D-750	E1AFL50DL-750	E1AFL75D-750	E1AFL75DL-750
Configuration		with Photocell		with Photocell		with Photocell
Body Color/Finish	Brown	Brown	Brown	Brown	Brown	Brown
Beam Angle	90°	90°	90°	90°	90°	90°
Lumen Output	12770 LM	12770 LM	6430 LM	6430 LM	9670 LM	9670 LM
Luminous Efficacy	127 LM/W	127 LM/W	130 LM/W	130 LM/W	128 LM/W	128 LM/W
Input Power	101 W	101 W	50 W	50 W	76 W	76 W
Input Voltage	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac
Power Factor	0.97	0.97	0.95	0.95	0.96	0.96
THD	0.16	0.16	0.15	0.15	0.17	0.17
Color Temp (CCT)	5000 K	5000 K	5000 K	5000 K	5000 K	5000 K
Color Rend (CRI)	72	72	72	72	72	72
Lifetime Rating	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Dimmability	No	No	No	No	No	No
Operating Temp	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)
Environment	Wet Location	Wet Location	Wet Location	Wet Location	Wet Location	Wet Location
DLC	TBA	TBA	TBA	TBA	TBA	TBA
Safety Cert	ETL	ETL	ETL	ETL	ETL	ETL
Weight	8 LBS	8 LBS	5 LBS	5 LBS	8 LBS	8 LBS
Dimensions	10.0"x7.5"x5.5"	10.0"x7.5"x5.5"	8.0"x6.0"x4.5"	8.0"x6.0"x4.5"	10.0"x7.5"x5.5"	10.0"x7.5"x5.5"

Supplementals Information

Mounting Hardware Options



G-1/2" (BSPP threaded)
Part# E1AFL-NPT



Slipfitter (2-3/8" diam.)
Part# E1AFL-A1



Yoke Mount
Part# E1AFL-SVL



Glare Shield
Part# E1AFLSHLD-SMALL (50W)
and E1AFLSHLD-MED (75W & 100W)

Dimensions and Packaging Info

Model Number	E1AFL100D-750	E1AFL100DL-750	E1AFL50D-750	E1AFL50DL-750	E1AFL75D-750	E1AFL75DL-750
Item UPC						
Case UPC						
Master Carton UPC						
Item(s) per pack						
packs per case						
Case per Master						
Item weight						
Case weight						
Master Weight						
Item pack dimensions						
Case dimensions						
Master dimensions						