

eLucent™ LED Area Light

Family Model:

AL10

AL15



Product Description

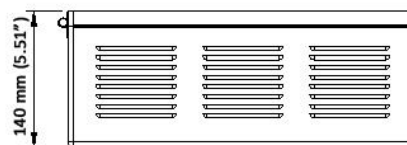
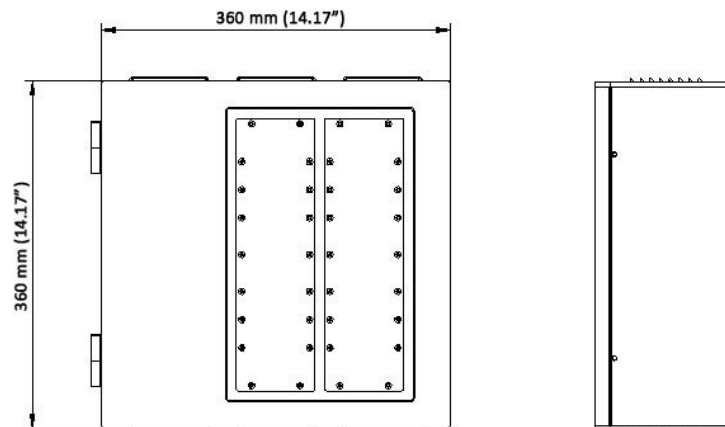
eLucent™ LED Area Light provides an excellent illuminative solutions to parking areas, airports, roadways, campuses and streetscapes.

It achieves a high luminous efficacy of 86 lm/W by utilizing high quality Cree LED diodes. Three mounting options available for different applications: Arm mount, Slipfitter mount, Trunnion mount.

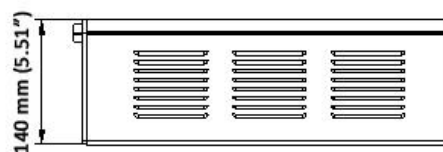
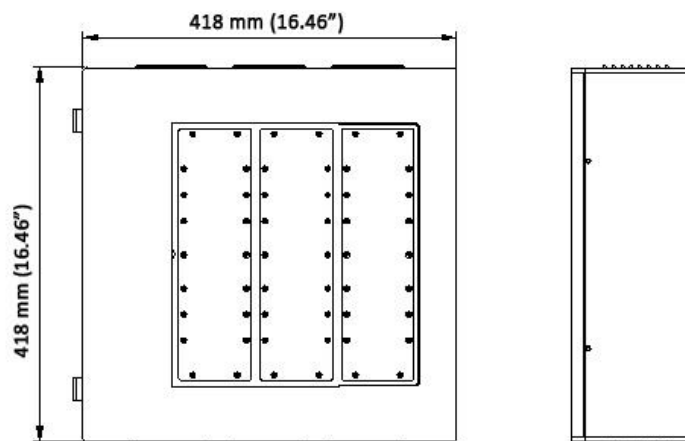
With effective thermal management, corrosion-resistant, and die-cast aluminum enclosure with an architectural brown finish, eLucent™ LED Area Light provides glare free, uniform illumination while providing a safe and comfortable visual experience.

Performance Summary

Power Consumption	100 W	150W
Lumens	8600 lm	13,000 lm
Luminous efficacy: Typ. 86+ lm/W		
CCT: 5000 K		
L70: 100,000+h		
Color Accuracy: CRI 70+		
PF: >0.92		



100 W



150 W






Ordering Information

Typical Order Example: AL10HU50T40000

SERIES	WATT (x10)	VOLTAGE	CCT	DISTRIBUTION	CONTROL	OPTIONS
AL= Area Light	10=100W 15=150W	HU=100-277V	50=5000K	T4=Type IV T5=Type V	00=Standard PC=Photocell 10=1-10V Dimming	00=Default

Mounting Options (Order Separately)

Options	Application	Part Number	Image
Arm Mount	Square Pole Area/Site Lighting	HAC-ALMAM-000000-00	
Slipfitter Mount	Round Pole Area/Site Lighting	HAC-ALMSF-000000-00	
Trunnion Mount	Flood Lighting	HAC-ALMTN-000000-00	

Product Specifications

CONSTRUCTION & MATERIALS		
Type	100 W	150 W
Dimension	360*360*140 mm (14.17*14.17*5.51 inch)	418*418*140 mm (16.46*16.46*5.51 inch)
Housing	Die-cast Aluminum	
Finish Color	Bronze	
Lens Type	Modular Optic Type IV	



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ATG ELECTRONICS

ENVIRONMENTAL SYSTEM	
Work Environment	Outdoor use (applicable for dry environments)
Operating Temperature	-20~50°C (-4~122°F)
IP Rating	IP65

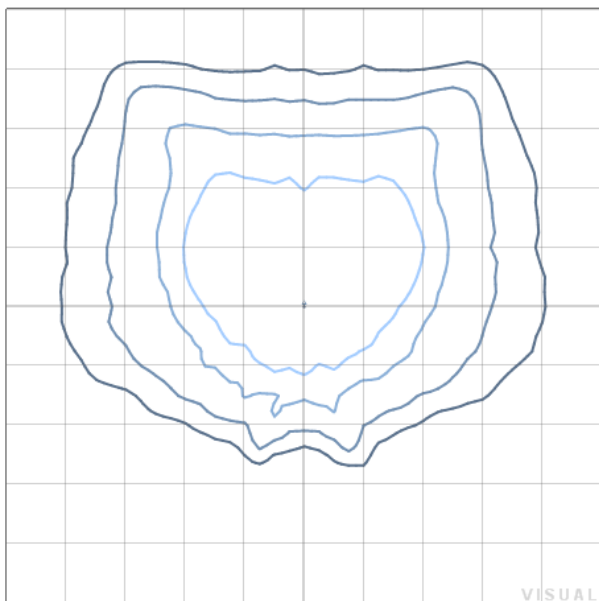
OPTICAL SYSTEM		
Type	100 W	150 W
Luminous Flux	8600 lm	13000 lm
Luminous Efficacy	86 lm/W	
Color Temperature	5000 K	
CRI	70+	

ELECTRICAL SYSTEM	
Input Voltage/Current	100-277 VAC 50/60 HZ
Power Consumption	100 W, 150 W
Power Factor	>0.92
THD	<20%

REGULATORY & VOLUNTARY QUALIFICATIONS	
Design Lights Consortium	
ETL & cETL Listed	
UL/cUL, KEMA, and CE certified external driver	
CE, RoHS	

Distribution

Type IV



Type V

