



LED®

**Urbanlite™**  
**URB2™**

CE

**americanlite®**  
**We light your world™**



## Urbanlite™ 30w/50w

The LED Urbanlite™ Series is the optimal area lighting system. Utilizing Multi-Beam™ LED optics for maximum fitted target efficiency and reduced glare. With its aesthetically pleasing design, the unit boasts a quick installation and field serviceability.

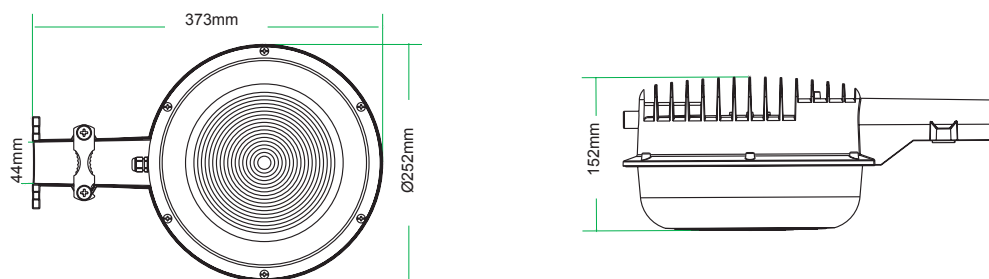
Rugged die cast low copper aluminum housing, resists corrosion and provides long life. An optimized maintained thermal management system is achieved by combining a robust heat sink utilizing both convection and conduction methodology with a mechanical design that provides maximum airflow ensuring a minimum of 35,000 hours LM80 at 25°C operating ambient. Pure-aluminum & vacuum coating reflector, allows a high transmission efficiency. UV-proof PC refractor creates evenly distributed light and shock resistance IK08 grade. Complete fixture sealed to IP65 grade. Certified State-of-the-art driver technology provides excellent system efficiency, 120v-277v, with a 4KV built in surge suppressor.

UL photocell designed with electronic circuits, has a quicker response with time delay of 3-10 seconds offering easy-to-test feature. A perfect combination of the highest quality components, allowing a 98% lumen maintenance @ 2000 hours.

Urbanlite™ is available in 2 versions, 30w and 50w, with an extraordinary lumen output (>100 lumens per watt) and performance, easily fulfills the needs of a demanding market for high efficiency and low maintenance outdoor lighting.

<b>Type V</b> 	<b>LM80</b>	
<b>IK08</b>	<b>IP65</b>	<b>Lumens</b> 100LxW
<b>VOLTS</b> 120-277	<b>THD</b> <15%	<b>PF</b> >.90
<b>CRI</b> >70	<b>Beam Angle</b> 70°	<b>CCT</b> 3000K 6500K
<b>4kV</b> Surge Protector	<b>Temperature</b> -25°C~+45°C	<b>Life</b> 35,000
<b>5 YEAR</b> Warranty		

### Dimensions



### Ordering Information

Item	Watts	Color Temp	Item	Watts	Color Temp
AL574095	30w	3000K	AL574097	50w	3000K
AL574096	30w	6500K	AL574098	50w	6500K

### Packing Information

Model	CBM (Master)	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
30w / 50w	0.0799	4	54 x 40 x 37	10.5

	30w	50w
Input Voltage	120-277	120-277
Input Frequency	50/60	50/60
Input Current	0.15 (220V)	0.25 (220V)
Input Wattage	30 ±5%	50 ±5%
Power Factor	>0.90	>0.90
Lumens	3029.10	5131.10
Color Temperature	6500K	6500K
CRI	>70	>70
THD	15%(110V) 20%(240V)	15%(110V) 20%(240V)
Lumen Maintenance (2000h)	98%	98%
Beam Angle	70°	70°
4kV surge protector	√	√

### Luminaire Ambient Temperature Factor

Ambient Temp.	Lumen Multiplier	
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.98

Use these factors to determine relative lumen output for average ambient temperature from 0-50°C (32-122°F)

### Projected Lumen Maintenance

#### Operating Hours

Ambient Temp.	0	25,000	50,000	100,000
25°C/77°F	1.00	0.98	0.97	0.95
40°C/104°F	0.99	0.98	0.96	0.94

Data references the extrapolated performance projection based on 40° C ambient and 10,000 hour testing.



### Photocell



TYPE V  
DISTRIBUTION TYPE

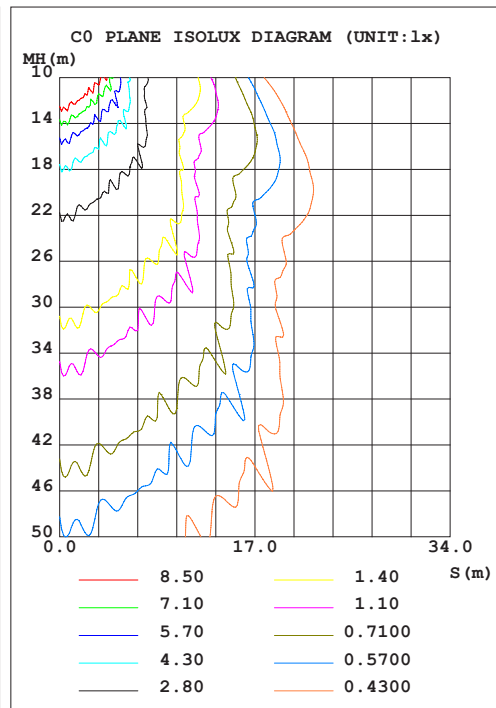
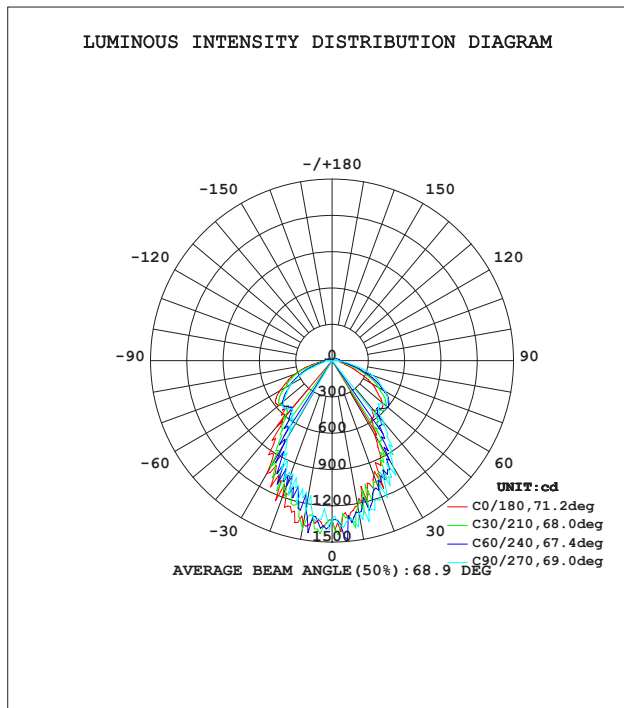
- Voltage: 120-277VAC
- Frequency: 50/60Hz
- Rated Loading: 1000w Tungsten, 1800VA Ballast
- Operate level: 10~20Lx ON / 30~80Lx OFF
- Preset 3-20 seconds time-delay might avoid mis-operation due to spotlight or lightening during the night
- Quick response with time delay of 3-10 seconds offers easy to test feature
- CE and RoHS certified

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.1655A P:33.13W PF:0.9062 Lamp Flux:3029.1x1 lm		
NAME: LED Urban light 30w	TYPE:LED	WEIGHT:3
SPEC.:30W	DIM.: 38*15	SERIAL No.:001
MFR.: AMERICANLITE	SUR.:22*22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.44 lm/W
MODEL	30W	I <sub>max</sub> (cd)	1482	S/MH (C0/180)		1.11
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)		0.95
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3029.1	η UP, DN (C0-180)		2.8, 51.7
NOMINAL FLUX (lm)	3029.1	CIE CLASS	DIRECT	η UP, DN (C180-360)		2.2, 44.3
LAMPS INSIDE	1	η up (%)	5.0	CIBSE SHR NOM		1.00
TEST VOLTAGE (V)	220	η down (%)	95.0	CIBSE SHR MAX		1.10



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: jiangweigang  
 Test Date: 2015-10-04

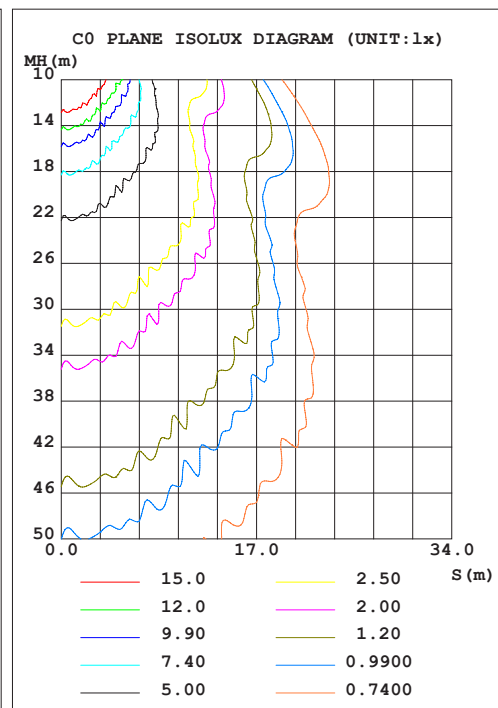
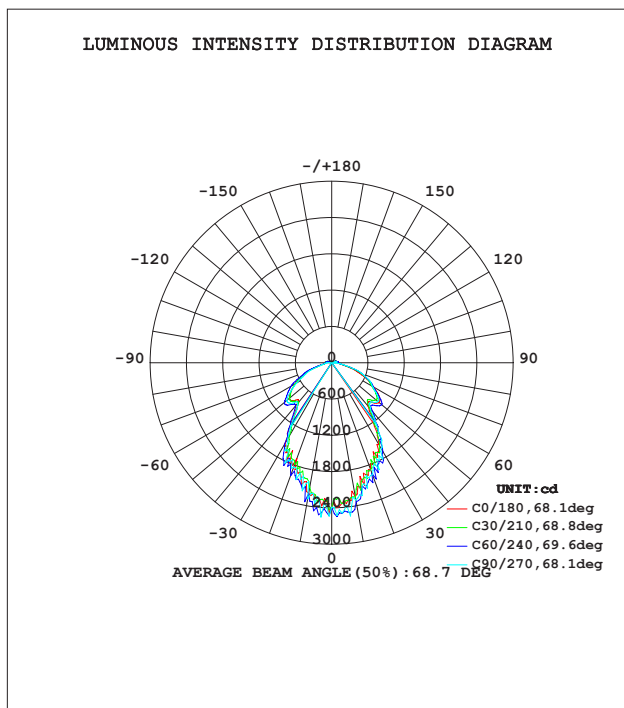
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 12.534m [K=1.0000]  
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.8V I:0.2612A P:52.96W PF:0.9182 Lamp Flux:5131.1x1 lm		
NAME: LED Urban light 50w	TYPE:LED	WEIGHT:3
SPEC.:50W	DIM.: 38*15	SERIAL No.:001
MFR.: AMERICANLITE	SUR.:22*22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	50W	Imax (cd)	2621	S/MH (C0/180)	0.98
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	0.98
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5131.1	η UP, DN (C0-180)	3.0, 52.6
NOMINAL FLUX (lm)	5131.1	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.1, 44.9
LAMPS INSIDE	1	η up (%)	5.1	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	94.9	CIBSE SHR MAX	1.05



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: jiangweigang  
 Test Date: 2015-12-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 12.534m [K=1.0000]  
 Remarks:

## URB2™

42w / 58w



Americanlite® Dusk-to-Dawn LED fixtures are built to withstand rugged outdoor environments and operate in all weather conditions while providing bright, reliable light.

The LED URB2™ luminaire combines high performance, low maintenance and easy installation in a simple, extremely economical package. Designed for years of worry-free operation, the URB2™ luminaire is ideal for outdoor applications that requires superior optical performance and fast payback on capital. Two lumen package options: 42w, 5250 lumens & 58w, 7250, 50,000 hours operating life (L70) 5000K color temperature, >80 CRI.

Heavy duty cast aluminum housing, rust and corrosion proof, polyester powder coating, brown color finish, aluminum sink attached to the housing directly, to reduce LED heat and to add long life. Enclosed and gasketed prismatic polycarbonate lens produce 120 degree beam spread, type V distribution. High light transmittance, UV resistance. Top grade LEDs, high output, LM80.

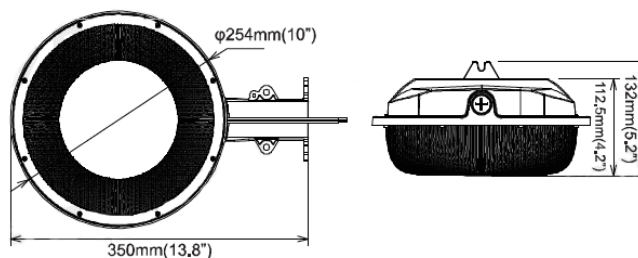
Constant current class 1 driver, with integral 4kV surge protection, 100V-277V, power factor >.90. The Driver is mounted directly to heavy gauge aluminum plate for cooler fixture operation and longer life. Button Thermal Photocontrol for dusk to dawn operation. The NH2s™ is designed to operate in temperatures of -40°F (-40°C) to 104°F (40°C), humidity ≤95%.

The energy savings, long life and easy-to-install design of the URB2™ makes it the smart choice for building-and post-mounted doorway, pathway, parking and yard illumination for nearly any facility in utility applications.



<b>IP65</b>	<b>IK08</b>	<b>RoHS</b>
<b>LM79</b>	<b>LM80</b>	<b>Lumens</b> 125LxW
<b>Surge protector</b> 4kV	<b>VOLTS</b> 100-277	<b>PF</b> >.90
<b>THD</b> <20%	<b>CCT</b> 5000K	<b>CRI</b> >80
<b>50,000</b>	<b>-40°C-40°C</b>	<b>120°</b> Beam Angle

### Dimensions



### Ordering information

Model	Power	Lumens
AL584001	42w	5250
AL584003	58w	7250

### Packing information

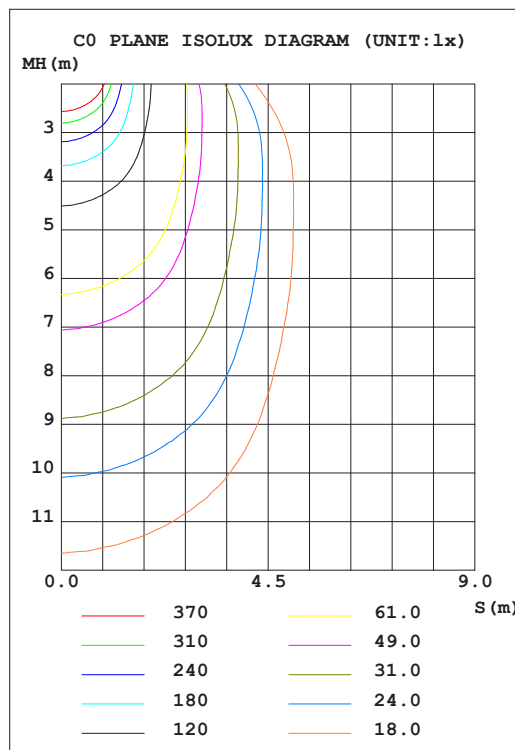
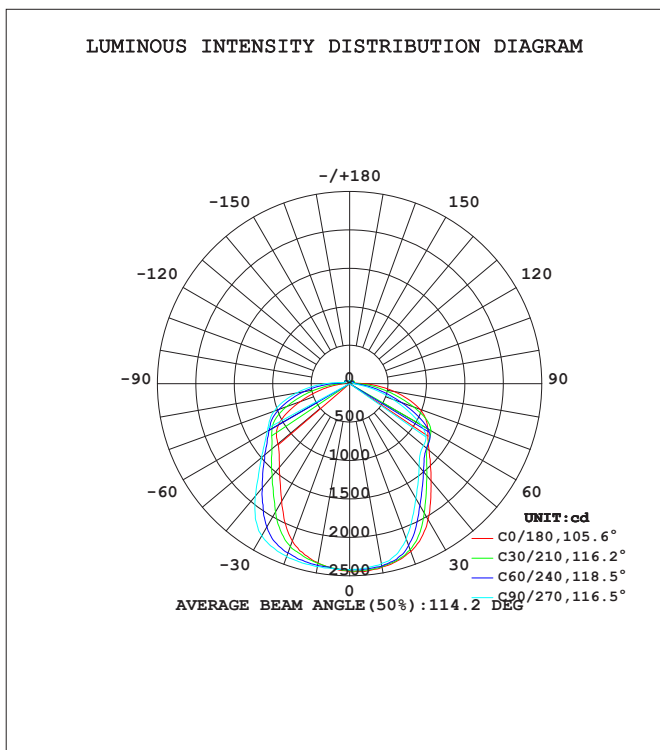
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
42w / 58w	6	59 x 38.5 x 47.5	0.1078	13.5

## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

### LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.2763A P:58.54W PF:0.9592 Lamp Flux:7609.16x1 lm		
NAME: URB2 Series	TYPE:TYPE3	WEIGHT:
DIM.:	SPEC.:58W 5000K	SERIAL No.:
MFR.: Americanlite	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 129.99 lm/W
MODEL	AL584003	Imax (cd)	2452	S/MH (C0/180)	1.10	
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.37	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	7609.2	η UP, DN (C0-180)	2.8, 51.5	
NOMINAL FLUX (lm)	7609.16	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.0, 43.7	
LAMPS INSIDE	1	η up (%)	4.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	220.9	η down (%)	95.2	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ALLEN  
 Test Date: 2018-01-30

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.266  
 Humidity: 65.0%  
 Test Distance: 9.680m [K=1.0000]  
 Remarks:



## Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED fixtures on this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.