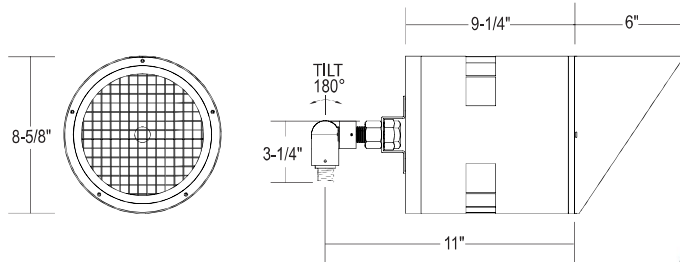


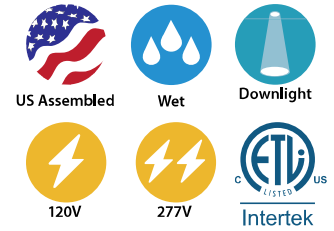
AG2380 : AG2-SERIES

8" ROUND SPOT/FLOOD LIGHT

7500LM - 16,000LM (70W - 160W)



AG2380 Shown with
Glare Shield Option (-SH)



- Expansive lumen range of 7,500lm (70W) to 16,000lm (160W)
- Multiple Dimming Options with custom capabilities
- Matching wall and ceiling mount profiles
- 120V/277V Input options
- Multiple Beam Spreads and Color Temperature
- Weighs 12 lb
- 90 CRI Standard

ORDERING : AG2380W-L075-B40UE-D10-T27-PL-SH / AG2-STM06-W

AG2380

Fixture	Finish	Lumen	Beam Spread	Dimming	LED	Mounting	Options	Accessories	Color Finish
Finish									
White	AG2380W								
Black	AG2380B								
Lumen									
7500lm (70W)	-L075								
9000lm (80W)	-L090								
10000lm (90W)	-L100								
12000lm (110W)	-L120								
16000lm (160W)	-L160								
Beam Spread									
Flood (40°)	-B40								
Wide Flood (60°)	-B60								
Dimming									
				0-10V Dimming	UE-D10				
				120V/277V					
				1%, 0-10V Dimming	UE-D10P1⁶				
				120V/277V					
				UniDim™	UE-DUN¹				
				120V/277V, 0-10V, ELV and Incandescent Controls					
				120V, ELV and Incandescent Dimming	-DIN¹				
				1% DMX Dimming	UE-DMX⁴				
				120V/277V					
LED									
					2700K (90 CRI)	-T27			
					3000K (90 CRI)	-T30			
					3500K (90 CRI)	-T35			
					4000K (90 CRI)	-T40			
					5000K (80 CRI)	-T50⁵			
					-TTW: Tunable White	-TTW³			
Mounting									
					Flat Plate, Surface Mount	-PL			
					Junction Box	-JB			
Options									
					None	Blank			
					Shield	-SH			
					Frosted Lens	-FR			
Accessories									
CEILING AND WALL Installation									
					6" Stem	/AG2-STM06			
					12" Stem	/AG2-STM12			
CEILING Installation									
					24" Stem	/AG2-STM24			
					36" Stem	/AG2-STM36			
					48" Stem	/AG2-STM48			
EMERGENCY OPTIONS Installation									
					Face Mount EM Back Pack	/AG2-EMB			
					Empty Back Pack	/AG2-EMB BLANK			
Color Finish									
					White	-W			
					Black	-B			
					Bronze	-BZ			

¹ (UE-DUN) and (-DIN) not available with (-L090) 9000lm (80W) or (-L160) 16000lm (160W).

² Stem mounts can be adjusted in the field. See instructions.

³ (-TTW) Tunable White via two 0-10V dimming controls. 10-14 week lead time.

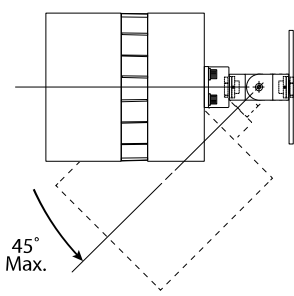
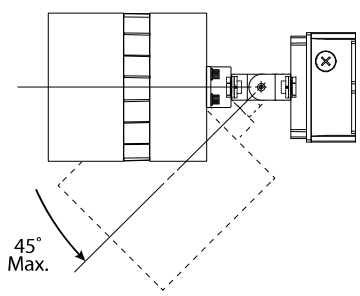
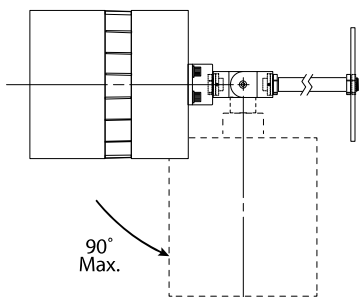
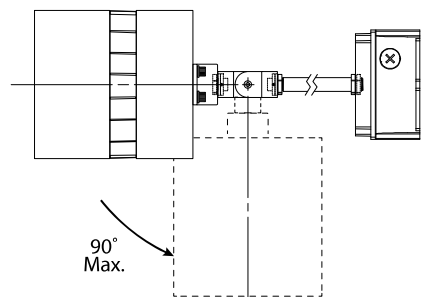
⁴ UE-DMX dimming via 0-10V to DMX converter.

⁵ 5000K Color Temperature only available in 80 CRI.

⁶ (UE-D10P1) not available with (-L120) 12000lm (110W) or (-L160) 16000lm (160W).

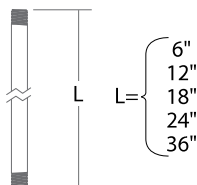
SPECIFICATION

Mounting Options

PLATE	JUNCTION BOX
<ul style="list-style-type: none"> • Φ 4.75" Flat Mounting Plate (8 Ga, 0.125" thk Aluminum) • For install directly to 4" Octagonal Junction Box • Plate Install for Line Voltage Input • Consult Factory for Custom Stem and Cord Lengths 	<ul style="list-style-type: none"> • Rolts compliant waterproof Junction Box • 9.22"x4.97"x3.28" (3.8 lbs) • x3 1/2" Knockouts for Conduit Feeds • Junction Box Install for Line Voltage Input
<p>PLATE MOUNT</p> 	<p>JUNCTION BOX</p> 
<p>PLATE MOUNT WITH STEM</p> 	<p>JUNCTION BOX WITH STEM</p> 

Accessories

AG2-STMxx
 (1/2" IPS Externally
 Threaded Stems;
 14 Threads per pitch,
 16 Gauge)



SPECIFICATION (Continued)

BackPack Face Mount (/AG2-EMB)

Eliminates need for long runs back to remote emergency battery location. Installs directly on building surface. Ideal for locations wanting same mounting aesthetics for Emergency and Non-Emergency fixtures without the use of remote Emergency power. Can be fed from recessed wall mounted junction box from the back of fixture.

- Wet location rated.
- 120V-347V operation.
- Self diagnostic.
- Integral surge protector for emergency driver only.
- Includes (2) 1/2" NPT knock-outs.
- Optional /EMB-BLANK can be used to maintain a common aesthetic when /AG2-EMB are used.

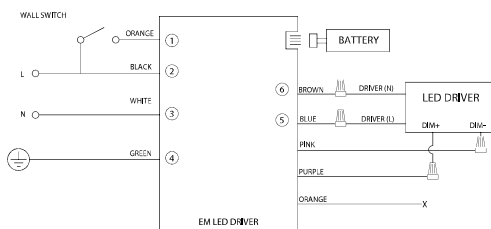


Input Voltage:	120-347 Vac (50/60 Hz)
Input Power:	7 Watts
Output Voltage:	170 V DC
Input Current:	100mA
Output Power:	18W
Surge Protection:	Line-Neutral 3000V
EM Operation:	90 minutes
Charge Time:	24 hour recharge
Ambient Temperature:	0°C to + 50°C (30°F to 122°F)
Weight:	3.7 lb
Rating:	cUL

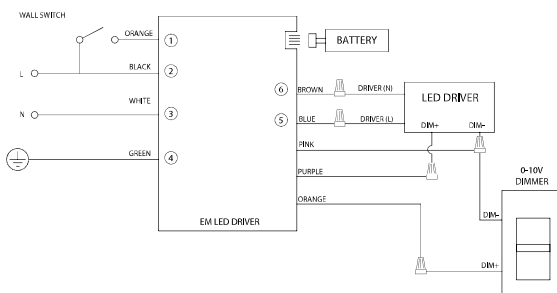
MODE	TEST SWITCH	INDICATOR STATUS	COMMENT
AC MODE 1	NOT PRESSED	ON (no flash)	EM DRIVER is CHARGING
AC MODE 2	PRESSED ONCE	2s ON THEN 2s OFF (slow flashing)	EM DRIVER is running 30s DIAGNOSTICS test
AC MODE 3	PRESSED TWICE [2s] in sequence	2s ON THEN 2s OFF (slow flashing)	EM DRIVER is running 90min DIAGNOSTICS test
EM MODE 1	NOT PRESSED	2s ON THEN 2s OFF (slow flashing)	EM DRIVER IS OUTPUTTING EM CONSTANT POWER LOAD
EM MODE 2	PRESSED ONCE		EM DRIVER IS OFF

When indicator flashes (0.2s) ON and then 0.2s (OFF) quickly or turns off, unit is defective. Contact manufacturer.

70W, 80W, 90W, 110W, 160W



70W, 80W, 90W, 110W, 160W (Dimmer)



NOTE: WHEN LED FIXTURE POWER IS MORE THAN 18W LED FIXTURE MUST BE EQUIPPED WITH 0-10V DIMMABLE DRIVER

SPECIFICATION (Continued)

Application

The AG series above-grade floodlight is suitable for surface ceiling, surface wall, or pendant stem mounts in both interior and outdoor settings. The die-cast joint allows for 180° tilt and 360° swivel adjustability to create several configurations.

Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted.
Power Factor > 0.90. See Dimming Section for voltage and wiring.
Minimum Operating Temperature: Standard: -10°C/14°F

Housing

Spun steel with die-cast aluminum heat sink. 20 ga. Wire Guard included.

Certifications and Listings:



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rated for impact resistance.

Caution:

LITON recommends use of surge protectors on the power entering light fixture.

Warranty

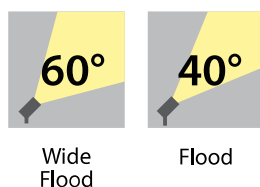
Covered by a 5-year Warranty to be free of defects in materials and craftsmanship.
Fixture should not be installed in applications with ambient temperature above 50°C/122°F.
Doing so will result in reduced lamp life and voided warranty.

Optics

Multifaceted aluminum reflector produces low glare illumination with multiple light control options.

Beam Spread:

Available in B40 - 40° Flood and B60 - 60° Wide Flood.



SPECIFICATION (Continued)

LED

LED array meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance:

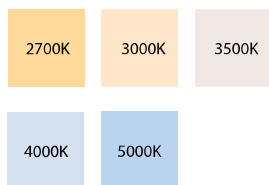
Lumen Maintenance is a minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Nominal):

7500lm (70W) (-L075)
9000lm (80W) (-L090)
10000lm (90W) (-L100)
12000lm (110W) (-L120)
16000lm (160W) (-L160)

Color Temperature:

Available in standard 2700K, 3000K, 3500K, 4000K, and 5000K 90 CRI.
Also available in optional 80 CRI. Consult factory.



COLOR TEMP:	2700K	3000K	3500K	4000K	5000K
CRI:	80,90	80,90	80,90	80,90	80

SPECIFICATION (Continued)

Dimming Options

ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.

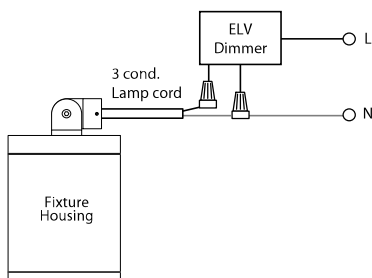
0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.

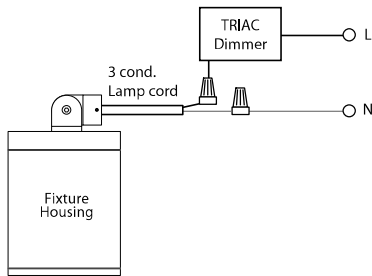
UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.

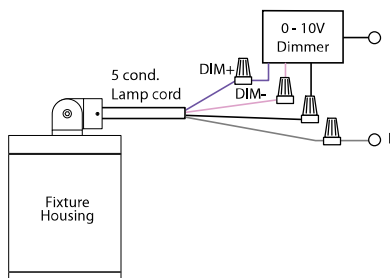
Incandescent/Phase Wiring
ELV



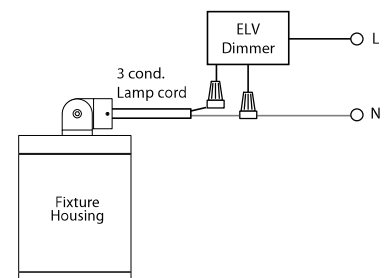
TRIAC



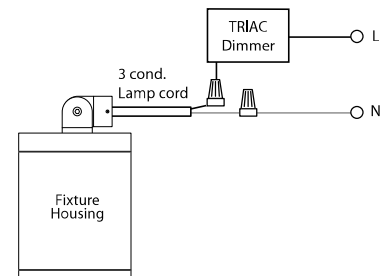
0 - 10V Wiring



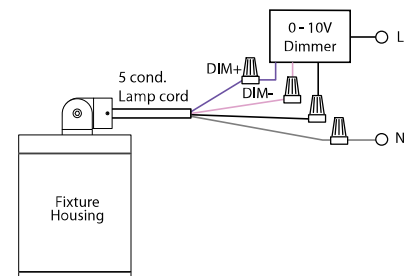
Incandescent/Phase Wiring
ELV



TRIAC



0 - 10V Wiring



AG2380 : AG2·SERIES

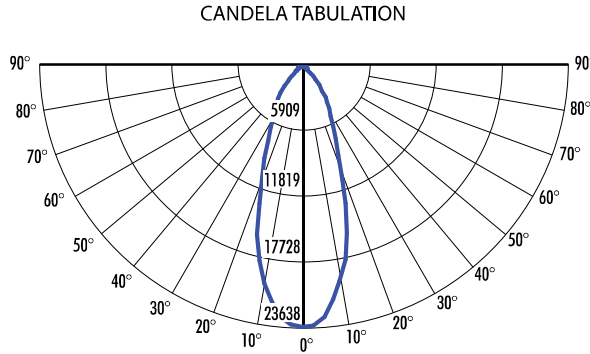
8" ROUND SPOT/FLOOD LIGHT

7500LM - 16,000LM (70W - 160W)

PHOTOMETRY

AG2380W-L160-B40UE-D10-T40-C90 (16,000lm, 160W, Flood, 4000K)

System Power:	156W	MULTIPLIERS	
Test Date:	03/2024	LUMENS	
Beam Angle 50%:	37.6°	7500lm	0.48
Field Angle 10%:	84.6°	9000lm	0.58
Color Temperature:	3970K	10000lm	0.66
CRI:	91.6	12000lm	0.77
Lumens Delivered:	15331	16000lm	1.00
CBCP:	23637.6	CCT	
Power Factor:	1.00	2700K	0.95
Input Voltage:	120V	3000K	0.98
		3500K	0.99
		4000K	1.00

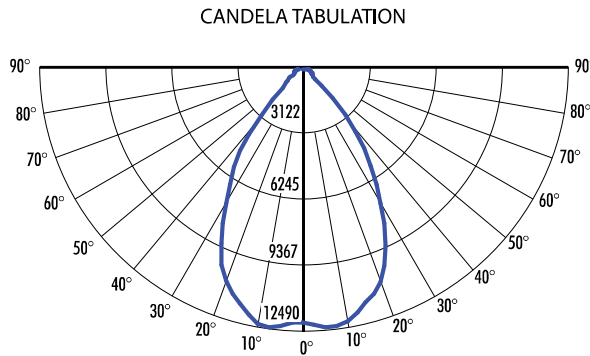


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter										FC	
	50°	40°	30°	20°	10°	0°	10°	20°	30°	40°	50°	
108.0'						73.5'						2
16.0'						10.9'						92
15.0'						10.2'						105
14.0'						9.5'						121
12.0'						8.2'						164
10.0'						6.8'						236
8.0'						5.5'						369
6.0'						4.1'						657
5.0'						3.4'						946
4.0'						2.7'						1477

AG2380W-L160-B60UE-D10-T40-C90 (16,000lm, 160W, Wide Flood, 4000K)

System Power:	156W	MULTIPLIERS	
Test Date:	12/2023	LUMENS	
Beam Angle 50%:	66.6°	7500lm	0.49
Field Angle 10%:	95.8°	9000lm	0.59
Color Temperature:	3966K	10000lm	0.67
CRI:	91.8	12000lm	0.79
Lumens Delivered:	15536	16000lm	1.00
CBCP:	12479.5	CCT	
Power Factor:	1.00	2700K	0.95
Input Voltage:	120V	3000K	0.98
		3500K	0.99
		4000K	1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter										FC	
	50°	40°	30°	20°	10°	0°	10°	20°	30°	40°	50°	
77.0'						101.2'						2
16.0'						21.0'						47
15.0'						19.7'						54
14.0'						18.4'						62
12.0'						15.8'						84
10.0'						13.1'						121
8.0'						10.5'						189
6.0'						7.9'						337
5.0'						6.6'						485
4.0'						5.3'						758