



SKY2S-LED

LED Area light



Post Top Mount



Direct Pole Mount



Surface Mount

The SKY2S-LED series are performance area light with selectable features ideal for a wide range of applications including commercial and retail parking lots, car dealerships, and roadway lighting.

IDEAL APPLICATIONS

- ☒ Roadway Lighting
- ☒ Parking Lots
- ☒ Courtyards

SPECIFICATIONS

	SKY2S-LED80A40	SKY2S-LED150A100
PERFORMANCE		
Light Output	10000/7500/5000 lm (Lumen Selectable)	18700/15000/12500 lm (Lumen Selectable)
Efficacy	125 lm/W	
CCT	4000/5000K (CCT Selectable), 3000K	
Beam Distribution	Symmetrical (Type V); Wide Asymmetrical (Type IV); Elliptical Horizontal (Type III); Elliptical Vertical (Type II)	
LED Lifetime (L70)	>100,000 Hrs	
CRI	80	
ELECTRICAL		
Wattage	80/60/40W	150/120/100W
Voltage	120-347V	
Surge Protection	10kV External Standard	
Power Factor	0.95	
THD	8%	
Supply Cord	4ft, 600V, Outdoor-rated	

	SKY2S-LED80A40	SKY2S-LED150A100
CONSTRUCTION		
Housing	Die-cast Aluminum	
Lens	Semi-frosted Polycarbonate	
AMBIENT OPERATING TEMPERATURE		
-40°C to 45°C		
MOUNTING		
Twin Arm (Post Top for 3" Tenon)		
Direct Pole Mount, Surface Mount (Canopy/Garage)		
CERTIFICATIONS		
cETLus		
DLC Premium		
CONTROLS		
0-10V Dimming (Dim to Off)		
Twist lock Photocell, 3PIN, 7PIN		
PCLS		

All reported values were tested at 120V and 5000K and shown for the highest lumen setting.



LUMEN MAINTENANCE		
L90	L80	L70
XXX	XXX	XXX

Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.

MAX AMPERAGE DRAW (A)					
	120V	208V	240V	277V	347V
SKY2S-LED80A40	0.73	0.42	0.37	0.32	0.25
SKY2S-LED150A100	1.38	0.79	0.69	0.60	0.48

EPA	
Model	EPA
SKY2S - PT2A	XXX
SKY2S - PLM	XXX

ORDERING GUIDE

SKY2S		H				DIM			SP10
Fixture	Wattage	Voltage	Colour Temp.	Beam Distribution	Finish	Dimming	Smart Controls	Mounting	Surge Protection
LED80A40	LED150A100	H - 120-347V	VK - Colour Selectable (4000K/ 5000K)*	SD - Symmetrical (Type V)*	BLK - BLACK*	DIM - 0-10V Dimming	Blank*	PT2A - Post Top Mount with Twin Arm*	SP10 - 10kV Surge Protection
				WA - Wide Asymmetrical (Type IV)	CUSTOM FINISH		PC - Photocontrol	PLM - Pole Mount Arm for Round or Square Poles	
				EH - Elliptical Horizontal (Type III)			PCLS - Photocell CCT Lumen Sensor		
			3K - 3000K	EV - Elliptical Vertical (Type II)			3PIN - 3 PIN Receptacle	SM - Surface Mount	
							7PIN - 7 PIN Receptacle		

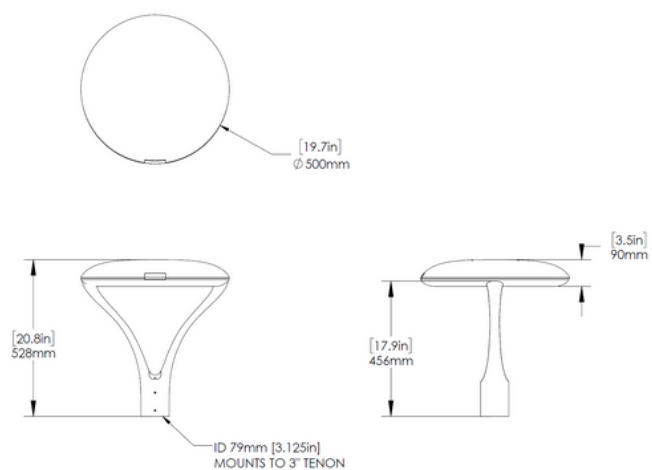
*Standard Configuration

STOCK CODES	
083900	SKY2S-LED150A100-H-VK-SD-BLK-DIM-PT2A-SP10
083905	SKY2S-LED80A40-H-VK-SD-BLK-DIM-PT2A-SP10

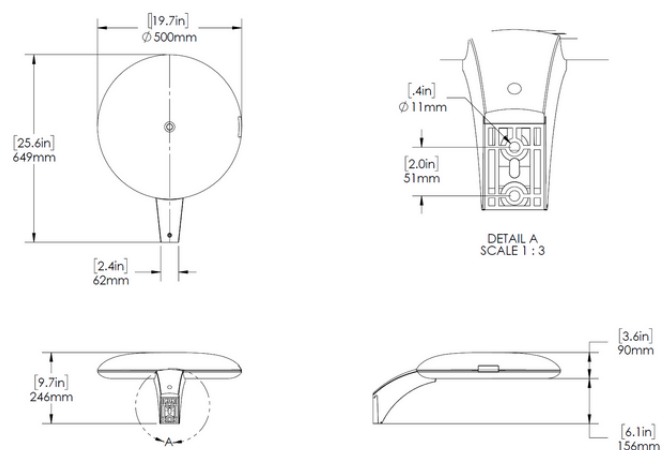
ACCESSORIES SOLD SEPARATELY	
	083541 - Cut off Shield BLK (HCO)

DIMENSIONS

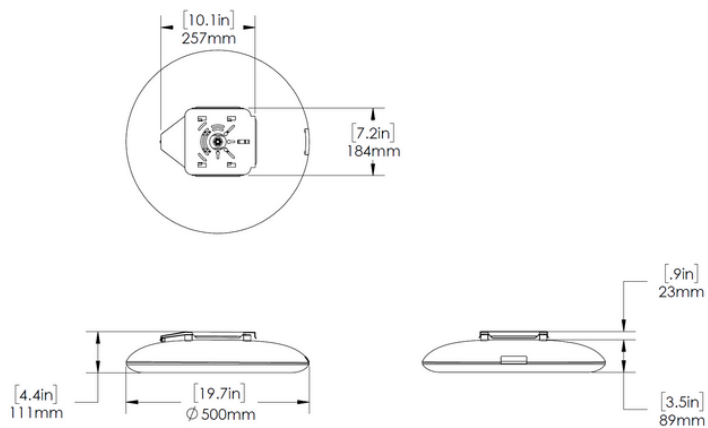
Post Top Mount with Twin Arm



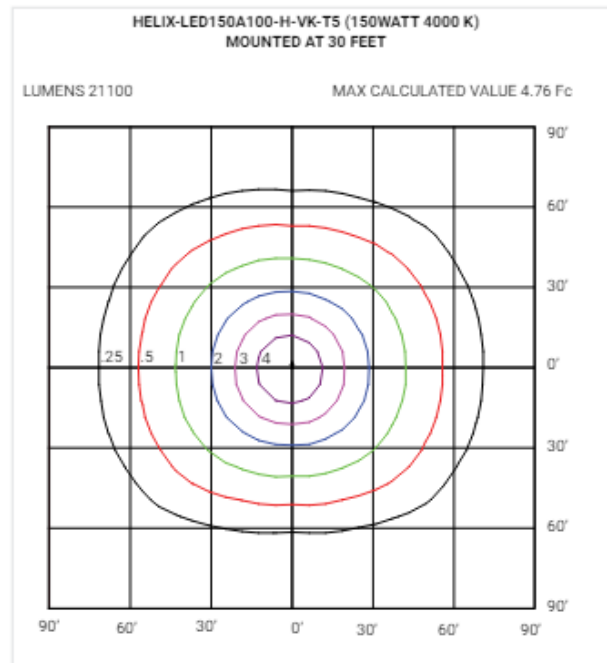
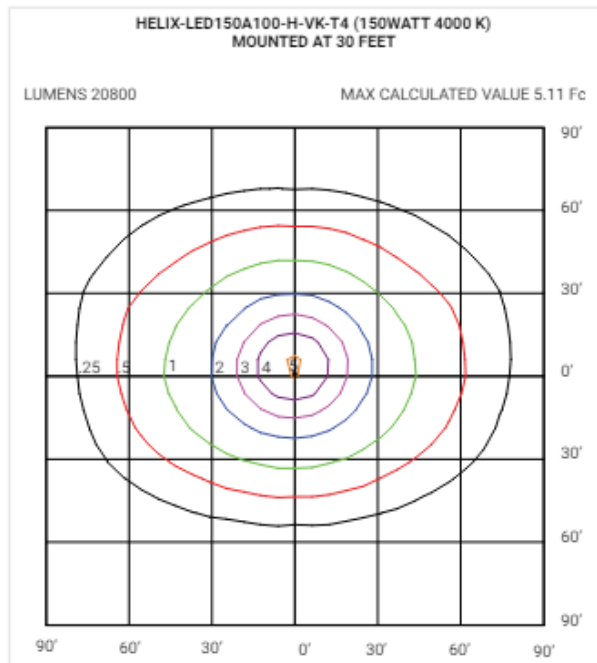
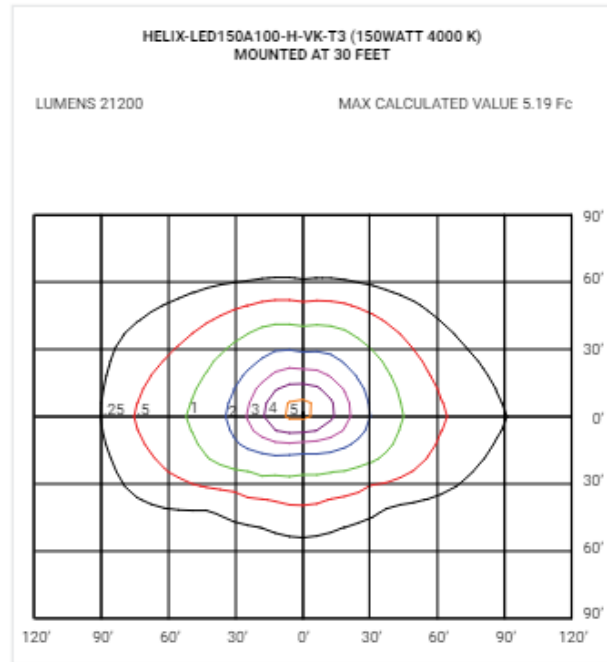
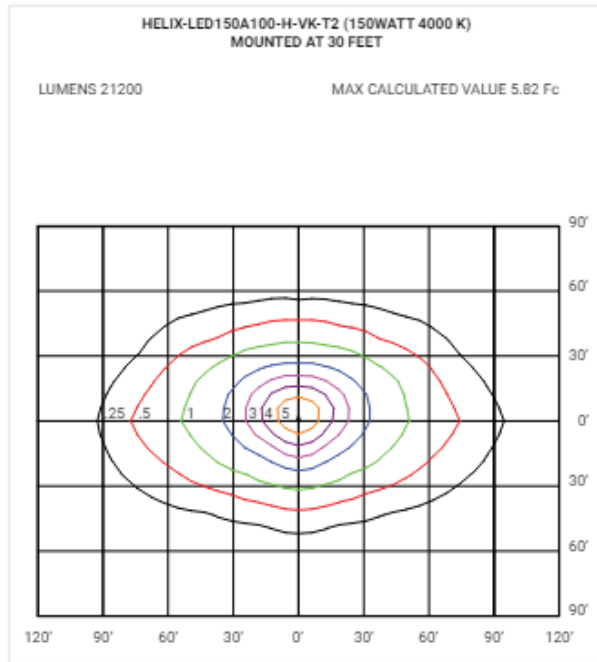
Direct Pole Mount



Surface Mount



DIMENSIONS



PHOTOCELL/CCT/LUMEN SENSOR (PCLS)



New PCLS Controller allows the Installer to adjust colour temperature, brightness, and photocontrol settings using a remote control after installation.

SPECIFICATIONS	
INPUT POWER	LED INPUT : MAX . 250VDC 3A; SENSOR INPUT: 10-14VDC, >30MA
SINKING CURRENT	MAX. 25MA
CONTROL OUTPUT	0-10V OUTPUT SIGNALS
POWER CONSUMPTION	MAX.0.5W
OPERATE LEVEL	10-20LUX ON, 30-80LUX OFF
AMBIENT TEMPERATURE	99%RH
OPERATING TEMPERATURE	-40° F- +158° F (-40°C- +70°C)

FUNCTIONS

PHOTOCELL	CCT	LUMEN
<p>When the ambient light is above set lux values, fixture will not switch on.</p> <p>When the ambient light is below set lux values, fixture will switch on.</p>	<p>Choose between 4000K/5000K</p>	<p>Light levels can be dimmed up or down by increments of 10%</p> <p>Light levels can be lowered to 50% after specified time period for improved energy savings.</p>

RC107 REMOTE SPECIFICATIONS (FOR PCLS CONTROLLER)

DEFAULT FACTORY SETTING

TASK LIGHT LEVEL	100%
HOLD TIME	DISABLE
PHOTOCELL	LOW
CCT	CCT LOW (NW - 4000K)

FEATURES



Detection Range: 50ft



ON:

Turn on the fixture, the brightness is according to the task level you set.

OFF:

Turn off the fixture, the fixture is permanently off.

RESET:

Task Light Level:100%; Hold Time: Disable; Photocell: Low; CCT:CCT Low (NW - 4000K)

REPEAT: Send the same setting to different fixtures installed.



DIM+:

With each push of the button, brightness increases by 10%.

DIM-:

With each push of the button, brightness decreases by 10%;

Select the task brightness of the fixture as needed.



HOLD TIME:

The "hold time" starts to count right after the fixture turns on. When the "hold time is up, the fixture adjusts to 50% brightness until the light control turns the light fixture off.

DISABLE:

When you choose disabled, the fixture maintains the task light level



LOW:

When the ambient lux is less than 30lux, the fixture turn on at the task level you set, when the ambient lux is more than 50lux, the fixture turns off.

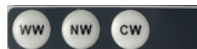
MIDDLE:

When the ambient lux is less than 80lux, the fixture turn on at the task level you set, when the ambient lux is more than 100lux, the fixture turns off.

HIGH: When the ambient lux is less than 150lux, the fixture turn on at the task level you set, when the ambient lux is more than 180lux, the fixture turns off;

DISABLE:

Photoelectric switch disabled:



CCT :

Adjust CCT(NW - Neutral White/4000K, CW - Cool White/5000K)

Note: Custom settings can be done based on requirements in the Factory.