

Project _____
 Schedule / Date _____
 Notes _____
 Catalog Number _____

Security Lights

Product Description

naturalLED[®] Security Lights (SEC) Security lighting provides you with a wide range of wall-mount and/or pole-mount outdoor applications. An energy efficient alternative for the obsolete mercury vapor exterior dusk-to-dawn barn lights with only a 37W LED, providing more than 50% in energy savings. The SEC has a rugged die-cast aluminum housing and are suitable for wet locations with an IP rating of 65. Easy installation and maintenance free for a rated life of 50,000 hours.



Features & Benefits

- ▶ Energy Star Certified
- ▶ DLC Certified
- ▶ IP65 Rating
- ▶ Excellent thermal design
- ▶ Uniform and consistent color
- ▶ Dusk to Dawn Sensor included/ Photocell Sensor included

Specifications

- ▶ Input line voltage: 120V / 120V-277V
- ▶ 15-30 foot height performance
- ▶ Operating temperature: -22°F ~ 122°F
- ▶ Material: Die-Cast Aluminum / Plastic Housing

Applications

- ▶ Security Lighting
- ▶ Pathway Lighting
- ▶ Perimeter Lighting
- ▶ Area Lighting
- ▶ Wall Lighting

Optional Accessories

- ▶ 16-inch Extension Arm








- ▶ Twist-Lock Mount Shorting Cap



☒ = For Wet Location

Ordering Information

Code	Description	CCT	Watt	Lumen	Equiv Wattage	Voltage	CRI	Rated Hrs	94	DLC	IP 65	Energy Star
	7556 LED-FXSECWRT13/40K/MV (120-277V)	4000K	13	1,040	75	120-277	80	50,000			☒	•
	7557 LED-FXSECWRT13/50K/MV (120-277V)	5000K	13	1,040	75		80	50,000			☒	•
	7414 LED-FXSECW13/40K	4000K	13	1,047	75	120	80	50,000			☒	•
	7415 LED-FXSECW13/50K	5000K	13	1,047	75	120	80	50,000			☒	•
	7136 LED-FXSECW20/40K	4000K	20	1,420	75	120-277	80	50,000			•	•
	7137 LED-FXSECW20/50K	5000K	20	1,420	75	120-277	80	50,000			•	•
	7190 LED-FXSECS28/40K	4000K	28	3,076	100	120-277	72	50,000	•	•	•	
	7191 LED-FXSECS28/50K	5000K	28	3,180	100	120-277	72	50,000	•	•	•	
	7477 LED-FXSECS38/40K	4000K	38	4,158	150	120-277	72	50,000			•	•
	7478 LED-FXSECS38/50K	5000K	38	4,314	150	120-277	72	50,000			•	•
	7140 LED-FXSECD37/40K	4000K	37	2,753	100	120-277	85	50,000			•	•
	7141 LED-FXSECD37/50K	5000K	37	2,989	100	120-277	80	50,000			•	•

Accessories (available for purchase)

Arm

P10054 MT-DEA16
(Dusk to Dawn 16" Extension Arm Pole)
for FXSECS and FXSECD fixtures



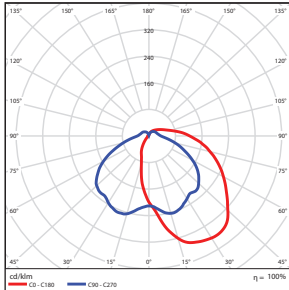
Cap

P10053 SEN-PHO-LK-MT/SRT
(Twist-Lock Mount Shorting Cap)
for FXSECS and FXSECD fixtures



Photometric Data

FXSECW13



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	195.39	17.80
0-40	333.01	30.40
0-60	634.26	57.90
60-80	229.48	20.90
70-80	100.77	9.20
90-120	110.67	10.10
90-180	159.88	14.60
0-180	1096.14	100.00

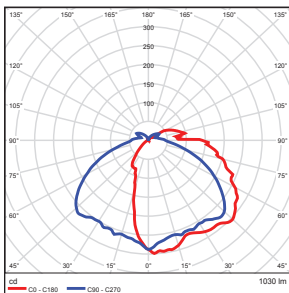
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	0.76 fc	28.7 ft 50.5 ft
34.0ft	0.19 fc	57.5 ft 101.1 ft
51.0ft	0.08 fc	86.2 ft 151.6 ft
68.0ft	0.05 fc	114.9 ft 202.2 ft
85.0ft	0.03 fc	143.6 ft 252.7 ft
102.0ft	0.02 fc	172.4 ft 303.3 ft

Vert. Spread: 80.4°
Horiz. Spread: 112.1°

FXSECWRT 13



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	187.51	18.20
0-40	310.15	30.10
0-60	604.21	58.70
60-80	232.25	22.60
70-80	101.09	9.80
90-120	90.25	8.80
90-180	120.85	11.70
0-180	1029.64	100.00

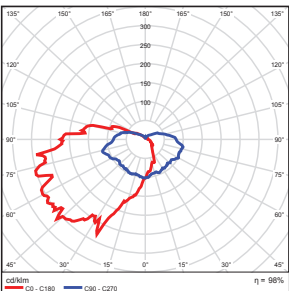
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	1.00 fc	42.8 ft 59.4 ft
34.0ft	0.25 fc	85.6 ft 118.8 ft
51.0ft	0.11 fc	128.4 ft 178.2 ft
68.0ft	0.06 fc	171.2 ft 237.5 ft
85.0ft	0.04 fc	214.0 ft 296.9 ft
102.0ft	0.03 fc	256.8 ft 356.3 ft

Vert. Spread: 103.1°
Horiz. Spread: 120.4°

FXSECW 20



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	136.16	9.40
0-40	240.04	16.50
0-60	534.37	36.80
60-80	381.62	26.30
70-80	199.03	13.70
90-120	281.63	19.40
90-180	341.57	23.50
0-180	1430.05	98.50

Total Luminaire Efficiency = 100.00%

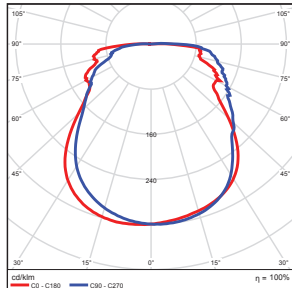
Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	0.51 fc	32.9 ft 70.6 ft
34.0ft	0.13 fc	65.8 ft 141.1 ft
51.0ft	0.06 fc	98.7 ft 211.7 ft
68.0ft	0.03 fc	131.6 ft 282.3 ft
85.0ft	0.02 fc	164.5 ft 352.8 ft
102.0ft	0.01 fc	197.4 ft 423.4 ft

Vert. Spread: 88.1°
Horiz. Spread: 128.5°

Photometric Data

FXSECS28



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	784.37	25.30
0-40	1275.68	41.20
0-60	2141.24	69.10
60-80	705.03	22.80
70-80	317.15	10.20
90-120	23.10	0.70
90-180	23.10	0.70
0-180	3097.37	100.00

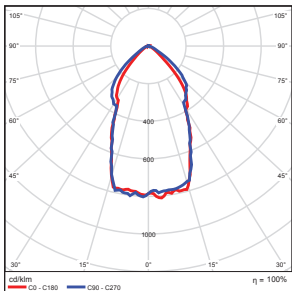
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	3.42 fc	39.9 ft 43.9 ft
34.0ft	0.86 fc	79.8 ft 87.7 ft
51.0ft	0.38 fc	119.7 ft 131.6 ft
68.0ft	0.21 fc	159.6 ft 175.5 ft
85.0ft	0.14 fc	199.5 ft 219.3 ft
102.0ft	0.10 fc	239.4 ft 263.2 ft

■ Vert. Spread: 99.1°
■ Horiz. Spread: 104.4°

FXSECD37



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1373.44	50.00
0-40	1941.06	70.70
0-60	2622.27	95.50
60-80	108.06	3.90
70-80	29.44	1.10
90-120	4.51	0.20
90-180	9.39	0.30
0-180	2745.78	100.00

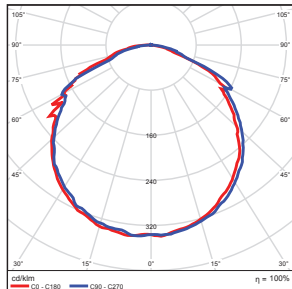
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	7.46 fc	17.9 ft 17.9 ft
34.0ft	1.87 fc	35.7 ft 35.8 ft
51.0ft	0.83 fc	53.6 ft 53.7 ft
68.0ft	0.47 fc	71.5 ft 71.6 ft
85.0ft	0.30 fc	89.4 ft 89.6 ft
102.0ft	0.21 fc	107.2 ft 107.5 ft

■ Vert. Spread: 55.5°
■ Horiz. Spread: 55.6°

FXSECD38



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1108.9	26.60
0-40	1831.07	44.00
0-60	3281.51	78.90
60-80	794.99	19.10
70-80	237.74	5.70
90-120	9.96	0.20
90-180	12.04	0.30
0-180	4161.07	100.00

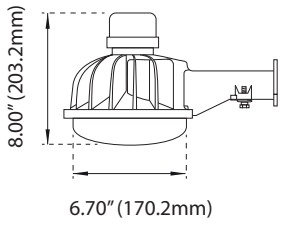
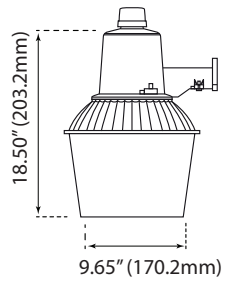
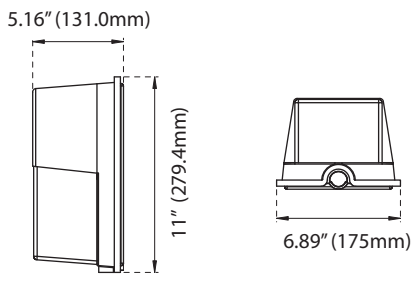
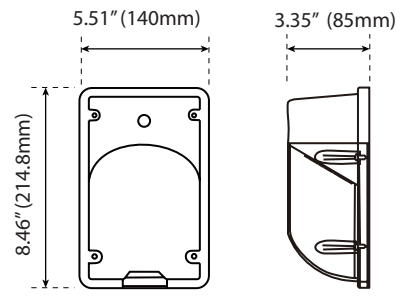
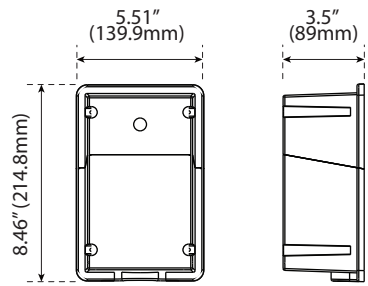
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

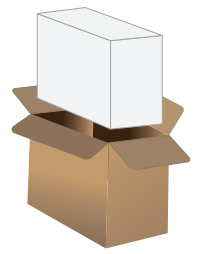
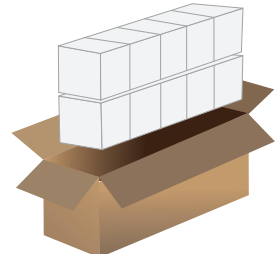
	Center Beam fc	Beam Width
17.0ft	4.84 fc	53.3 ft 57.7 ft
34.0ft	1.21 fc	106.6 ft 115.5 ft
51.0ft	0.54 fc	159.9 ft 173.2 ft
68.0ft	0.30 fc	213.3 ft 230.9 ft
85.0ft	0.19 fc	266.6 ft 288.7 ft
102.0ft	0.13 fc	319.9 ft 346.4 ft

■ Vert. Spread: 114.9°
■ Horiz. Spread: 119.0°

Product Dimension

<p>28W / 38W Weight: 4.30-lbs</p> 	<p>37W Weight: 4.41-lbs</p> 
<p>20W Weight: 2.60-lbs</p> 	<p>13W Weight: 1.75-lbs</p> 
<p>13W Weight: 1.80-lbs</p> 	

Package

<p>Dusk to Dawn</p>  <p>Package (Master) 1</p>	<p>Wall Lights</p>  <p>Package (Master) 10</p>
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