

OLS1

Outdoor Security Flood Light

Product Description

The OLS security flood light features two sleek, rotatable LED heads with over 1,500 lumens each. It is easy to install on walls or directly on a J-Box with its mounting bracket. Easily accessible switches offer the ability to adjust the CCT, wattage, night light function, photocell sensitivity, and motion sensor sensitivity. The OLS is suitable for outdoor perimeter lighting as well as interior walkways.

Construction

- Die-cast aluminum housing
- Stainless steel hardware
- Fine-textured, UV-stabilized powder coat finish
- 360° head rotation
- 180° head tilt

Optical System

- Beam angle of 100°
- CCT selection of 3000K, 4000K, 5000K
- >80 CRI to improve safety and color definition in public places

Electrical

- Input voltage of 120VAC
- Selectable Wattage (25W/16W)
- >120 lm/W
- Power Factor = ≥ 0.9
- THD = $\leq 20\%$
- Operating temperature rating of -22°F to 122°F (-30°C to 50°C)

Controls

- Dusk-to-dawn photocell automatically turns the fixture on at night with the ability to enable/disable if desired.
- The built-in PIR motion sensor triggers the LED heads to turn on when motion is detected.
- Adjustable brightness, photocell sensitivity, time delay, and color temperature settings
- Integral Night Light feature provides 108 lumens of ambient light.

Mounting and Installation

- Mounts to J-box using supplied mounting plate
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Listings

- cULus 1598 Listed for wet locations
- IP65 Rated
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- RoHS Compliant
- TM-21 Reported L70(9k) life >54,000 hours, L90(9k) life >54,000 hours

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

Date



OLS1 Outdoor Security Flood Light 25/16W



NICOR®

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Ordering Information							Example: OLS125S120S8BZS
Series	Version	Wattage	Voltage	CCTs	CRI	Finish	Sensor
OLS	1	25S (16/25W)	120	S (Select 30/40/50K)	8 (>80)	BK (Black)	_ (No PIR Sensor or Night Light) ¹
						BZ (Bronze)	S (PIR Sensor and Night Light)
						WH (White)	

Specifications and dimensions subject to change without notice.
 1: Non-sensor version available by special order. Subject to MOQ and longer lead times.

Performance Data

Performance Data			Night Light Function ON				Night Light Function OFF			
Model	Watts Setting	CCT	Wattage	Lumens	Efficiency	BUG Rating	Wattage	Lumens	Efficiency	BUG Rating
OLS125S	16	3000	18.23	2190	120.1	B1-U2-G1	N/A			
		4000	18.04	2354	130.5					
		5000	18.36	2329	126.9					
	25	3000	26.96	3060	113.5	B2-U2-G1	24.8	2978	120.1	B1-U2-G2
		4000	26.24	3352	127.7		24.5	3248	132.8	
		5000	27.27	3257	119.4		24.4	3144	128.9	

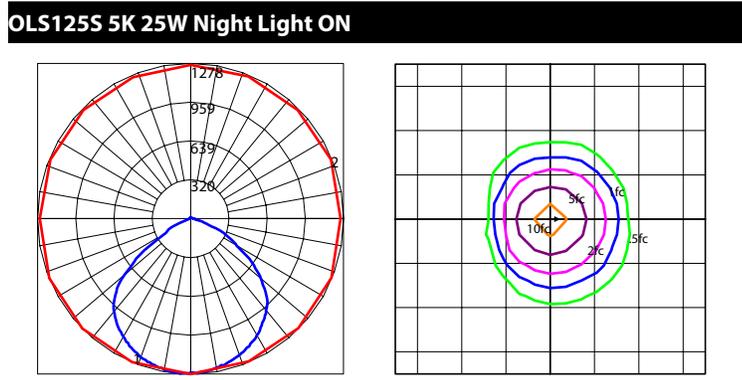
Photometric Data

OLS125S 5K 25W Night Light ON

Input Voltage (VAC)	120
System Level Power (W)	27.3
Delivered Lumens (Lm)	3257
System Efficacy (Lm/W)	119.4
Correlated Color Temp (K)	5000
Beam Angle (0)	103.8
Beam Angle (90)	100.5
Beam Type	7H7V
Spacing Criteria (0)	1.36
Spacing Criteria (90)	1.24
BUG Rating	B2-U2-G1

Intensity Summary (Candle Power)

Angle	Mean CP
0	1269
5	1265
15	1236
25	1170
35	1088
45	912
55	682
65	223
75	67
85	34
90	27



1 - Vertical Plane Through Horizontal Angle
 2 - Horizontal Cone Through Vertical Angle
 10' Mounting Height (1 square = 100 sq ft)

Data Multiplier

	3000K	4000K	5000K
16W	0.6724	0.7228	0.7151
25W	0.9395	1.0291	1.0000

Zonal Lumen Summary

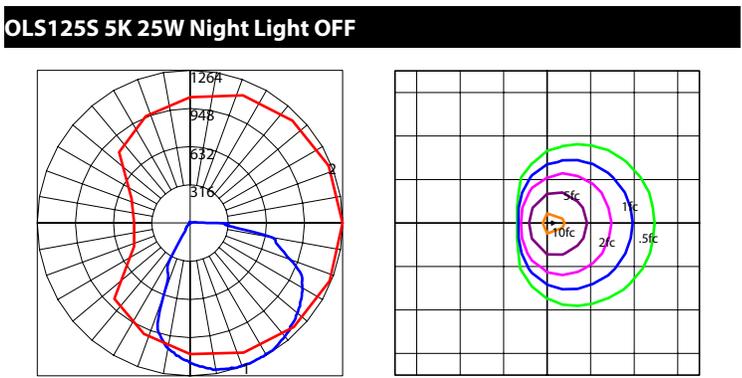
Zone	Lumens	% of Luminaire
0-30	1005	30.9%
0-40	1660	51%
0-60	2774	85.2%
0-90	3202	98.3%
90-180	55	1.7%
0-180	3257	100%

OLS125S 5K 25W Night Light OFF

Input Voltage (VAC)	120
System Level Power (W)	24.4
Delivered Lumens (Lm)	3144
System Efficacy (Lm/W)	128.9
Correlated Color Temp (K)	5000
Beam Angle (0)	105.8
Beam Angle (90)	98.7
Beam Type	7H4V
Spacing Criteria (0)	1.62
Spacing Criteria (90)	1.22
BUG Rating	B1-U2-G2

Intensity Summary (Candle Power)

Angle	Mean CP
0	1158
5	1199
15	1239
25	1243
35	1224
45	1164
55	1080
65	943
75	723
85	385
90	166



1 - Vertical Plane Through Horizontal Angle
 2 - Horizontal Cone Through Vertical Angle
 10' Mounting Height (1 square = 100sq ft)

Data Multiplier

	3000K	4000K	5000K
25W	0.9472	1.0331	1.000

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	864	27.5%
0-40	1345	42.8%
0-60	2274	72.3%
0-90	3075	97.8%
90-180	69	2.2%
0-180	3144	100%



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Photometric Data

OLS125S 5K 16W Night Light ON

Input Voltage (VAC)	120
System Level Power (W)	18.4
Delivered Lumens (Lm)	2329
System Efficacy (Lm/W)	126.9
Correlated Color Temp (K)	5000
Beam Angle (0)	104.3
Beam Angle (90)	100.8
Beam Type	7H7V
Spacing Criteria (0)	1.36
Spacing Criteria (90)	1.24
BUG Rating	B1-U2-G1

Intensity Summary (Candle Power)

Angle	Mean CP
0	900
5	894
15	871
25	828
35	773
45	656
55	491
65	167
75	57
85	33
90	26

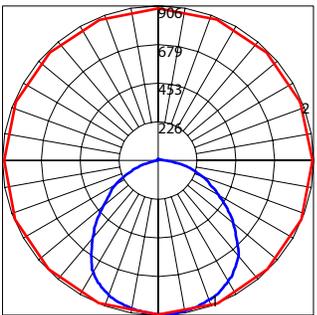
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	712	30.6%
0-40	1176	50.5%
0-60	1968	84.5%
0-90	2283	98%
90-180	46	2%
0-180	2329	100%

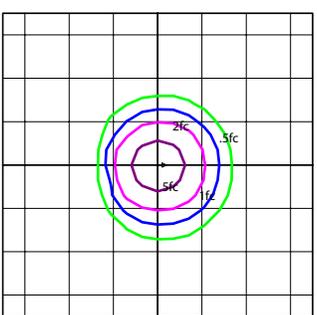
Data Multiplier

	3000K	4000K	5000K
16W	0.9403	1.0107	1.0000
25W	1.2787	1.3946	1.3499

OLS125S 5K 16W Night Light ON



1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle



10' Mounting Height (1 square = 100 sq ft)

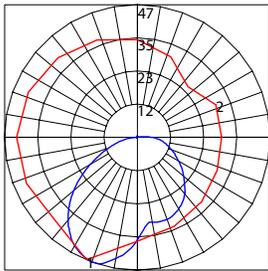
OLS125S 3W Night Light Only

Input Voltage (VAC)	120
System Level Power (W)	3.1
Delivered Lumens (Lm)	108
System Efficacy (Lm/W)	34.8
Beam Angle (0)	104.8
Beam Angle (90)	74.0
Beam Type	7H7V
Spacing Criteria (0)	1.00
Spacing Criteria (90)	1.28
BUG Rating	B0-U1-G0

Intensity Summary (Candle Power)

Angle	Mean CP
0	36
5	34
15	32
25	27
35	19
45	13
55	9
65	6
75	3
85	2
90	1

OLS125S 3W Night Light Only

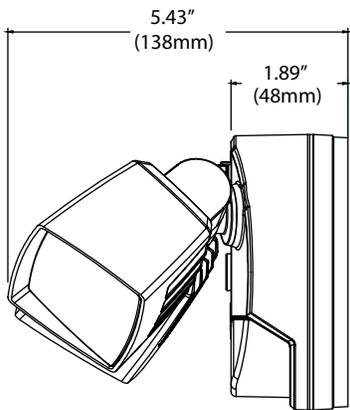
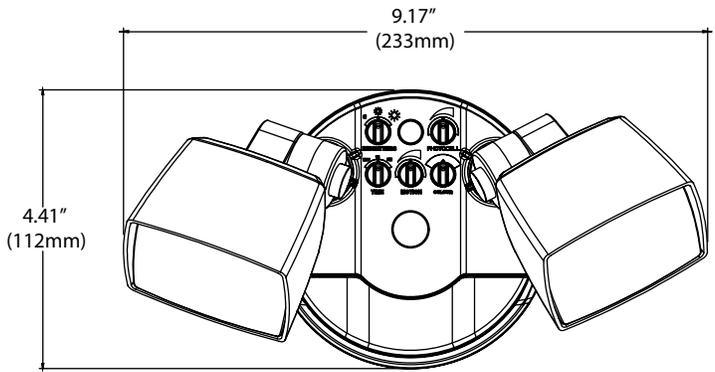


1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	30	27.4%
0-40	48	44.3%
0-60	81	74.7%
0-90	105	97%
90-180	3	3%
0-180	108	100%

Dimensions



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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.