

NLOS-S6

6" SURF Square LED Regressed Edge-Lit Surface Mount

Source: 14W LED
1150lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

SURF LED Surface Mount luminaires are only 1/16" thick surface with DC driver mounted on the back. Luminaires resemble appearance of a recessed downlight. The specially designed regressed light guide with embedded honeycomb lens produces even illumination while reducing glare.

FEATURES

- Over 80% energy savings when compared to incandescent
- No housing needed, surface mounted over junction box
- Edge-lit LEDs for uniform clean appearance
- Matte Powder White finish
- Dedicated CCT
- 5-year limited warranty

SPECIFICATION

Construction: Surface mounted LED edge-lit downlight adopts compact slim and elegant design. The special diffuser can increase central candela intensity by more than 30%, provide soft and comfortable light. 1/16" deep polycarbonate regressed baffle trim. Dead front (non-metallic) luminaire is rated for wet locations without additional caulking.

Lens: Nora specified and designed edge-lit regressed light guide with embedded honeycomb lens greatly reduces aperture brightness while evenly distributing light.

Installation: Aluminum backplate attaches to junction box bracket (included) for seamless flush appearance.

Note: Make sure 4" octagonal junction box has minimum 1-1/2" height

ELECTRICAL

Input Voltage: 120VAC

Lumens / Wattage: 1150lm / 11W

Color Temperature: Dedicated CCT (2700K, 3000K, 3500K, 5000K)

Color Rendering Index: 90+ CRI

Operating Temperature: 0-45°C

Dimming: Triac or ELV

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab.

OPTIONAL ACCESSORIES

NEPK-23LEDUNV: 23W Emergency with Remote Test Switch

NEPKA-20/23LEDRTS: Ribbon Test Switch for NEPK-23LEDUNV

Emergency: Luminaire is compatible with NEPK-23LEDUNV (ordered separately). Remote mounted battery operates luminaire for 90 minute emergency operation with a fully charged battery. Emergency includes remote test switch, ribbon test switch accessory (NEPKA-20/23LEDRTS) ordered separately.

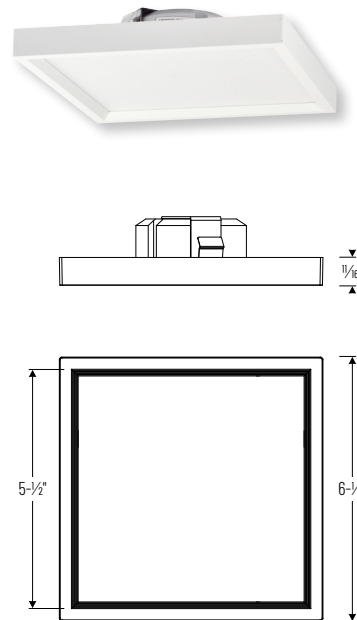
LABELS AND LISTINGS

- cULus Listed for Wet Location
- [5-Year Limited Warranty](#)
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1).



Performance Data		
Part Number	Lumens	CCT
NLOS-S62L27WW	1111lm	2700K
NLOS-S62L30WW	1036lm	3000K
NLOS-S62L35WW	1040lm	3500K
NLOS-S62L50WW	1150lm	5000K

PRODUCT IMAGES AND DIMENSIONS



6" SURF Square LED Regressed Edge-Lit Surface Mount

Color Temperature

NLOS-S62L27WW = 2700K

NLOS-S62L30WW = 3000K

NLOS-S62L35WW = 3500K

NLOS-S62L50WW = 5000K

Optional Accessories

Description

NEPK-LEDUNV = 23W Emergency LED Driver w/Remote Test Switch

NEPKA-20/23LEDRTS = Ribbon Test Switch for NEPK-23LEDUNV

Example: NLOS-S62L30WW = 6" SURF Square LED Regressed Edge-Lit Surface Mount, 3000K

PHOTOMETRICS

6" SURF Square LED Regressed Edge-Lit Surface Mount

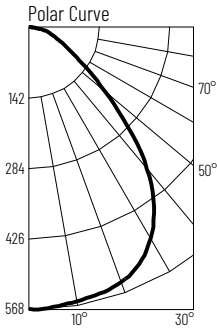
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Notes

Test Information
Test Number: NTR1815R1
Part Number: NLOS-S62L27WW
Beam Spread: 86° Wide Flood
Lumens: 1111lm
Wattage: 14.22W
Efficacy: 78lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 1.18
Spacing Criteria (90°-270°): 1.18

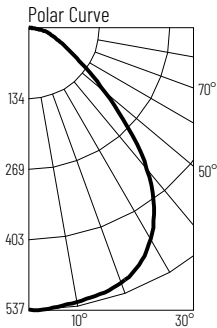


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	35.5fc	7'-5"
6'	15.8fc	11'-1"
8'	8.9fc	14'-11"
10'	5.7fc	18'-7"
12'	4fc	22'-4"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	433	38.9
0-40	675	60.8
0-60	988	89
0-90	1111	100
90-180	0	0
0-180	1111	100

Candela Table	
Vertical Angles	Candela
0	568
5	565
15	545
25	492
35	390
45	252

Test Information
Test Number: NTR1816R1
Part Number: NLOS-S62L30WW
Beam Spread: 85° Wide Flood
Lumens: 1036lm
Wattage: 14.43W
Efficacy: 72lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.16
Spacing Criteria (90°-270°): 1.16

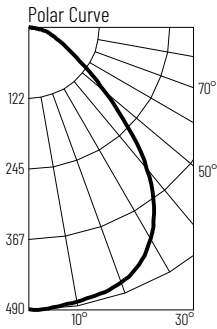


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	33.6fc	7'-4"
6'	14.9fc	11'
8'	8.4fc	14'-8"
10'	5.4fc	18'-5"
12'	3.7fc	22'

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	403	38.9
0-40	628	60.6
0-60	921	88.8
0-90	1036	100
90-180	0	0
0-180	1036	100

Candela Table	
Vertical Angles	Candela
0	537
5	532
15	511
25	456
35	362
45	235

Test Information
Test Number: NTR1817R1
Part Number: NLOS-S62L35WW
Beam Spread: 90° Wide Flood
Lumens: 1040lm
Wattage: 13.49W
Efficacy: 77lpw
CCT / CRI: 3500K / 90 CRI
Spacing Criteria (0°-180°): 1.28
Spacing Criteria (90°-270°): 1.28

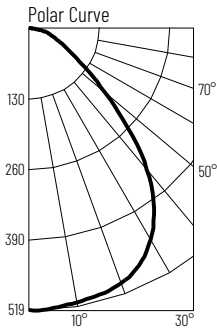


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	30.6fc	7'-11"
6'	13.6fc	11'-11"
8'	7.7fc	15'-11"
10'	4.9fc	19'-11"
12'	3.4fc	23'-10"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	390	37.5
0-40	626	60.2
0-60	924	88.9
0-90	1040	100
90-180	0	0
0-180	1040	100

Candela Table	
Vertical Angles	Candela
0	490
5	486
15	477
25	456
35	381
45	242

Test Information
Test Number: NTR1818R1
Part Number: NLOS-S62L40WW
Beam Spread: 89° Wide Flood
Lumens: 1088lm
Wattage: 13.8W
Efficacy: 79lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.26

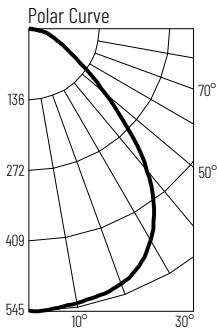


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	32.5fc	7'-11"
6'	14.4fc	11'-10"
8'	8.1fc	15'-10"
10'	5.2fc	19'-8"
12'	3.6fc	23'-8"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	411	37.7
0-40	656	60.3
0-60	967	88.9
0-90	1088	100
90-180	0	0
0-180	1088	100

Candela Table	
Vertical Angles	Candela
0	519
5	517
15	506
25	478
35	399
45	253

Test Information
Test Number: NTR1819R1
Part Number: NLOS-S62L50WW
Beam Spread: 90° Wide Flood
Lumens: 1150lm
Wattage: 13.65W
Efficacy: 84lpw
CCT / CRI: 5000K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.26



Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	34.1fc	7'-11"
6'	15.1fc	11'-11"
8'	8.5fc	15'-11"
10'	5.5fc	19'-10"
12'	3.8fc	23'-10"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	433	37.6
0-40	693	60.2
0-60	1023	88.9
0-90	1150	100
90-180	0	0
0-180	1150	100

Candela Table	
Vertical Angles	Candela
0	545
5	541
15	529
25	503
35	420
45	268