

NELOCAC-6R

6" ELO and ELO+ LED Surface Mount Luminaire

Source: 12W or 15W LED
700lm or 1080lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

ELO family of LED luminaires are a thin 1/2" surface mounted luminaire with dedicated color temperature. Luminaire is available in 4", 6", 8" or 11" sizes and mounts easily over a standard or fire rated junction boxes. The ELO family has two options: The standard ELO fixture, which is 80 CRI and only available in a white finish, and the upgraded ELO+ fixture, which meets CA JA8-2022 at 90 CRI and has interchangeable trims to achieve different finishes.

FEATURES

- Dedicated color temperatures at 80 CRI (ELO) or 90 CRI (ELO+)
- Surface mounted or retrofit into existing recessed housings with torsion spring kit
- Available in four sizes (4", 6", 8" or 11")
- Dimmable with Triac or ELV dimmers
- ELO+ Series includes an integral magnet allows optional finish ring to attach seamlessly*
- Optional battery backup enclosure
- 5-year limited warranty

SPECIFICATION

Construction: Surface mounted luminaire includes integral driver. ELO+ luminaires include an integral magnet for decorative rings in black, brushed nickel, chrome or matte powder white finish (ordered separately).

Mounting: Steel bracket can be used to surface mount on junction box. Optional torsion springs are available for retrofitting 5" or 6" recessed housings.

Retrofit: Each luminaire includes a retrofit kit with medium base socket adapter to mount over 5" or 6" recessed housings. Kit also includes torsion spring brackets that hold luminaire flush against ceiling. Retrofit kit is intended to be used with a lighting fixture as a lamp replacement.

ELECTRICAL

Input Voltage: 120V

Lumens / Wattage: 700lm / 12W or 1080lm / 15W

Color Temperature: 2700K, 3000K, 3500K, 4000K, 5000K

Color Rendering Index: 80 or 90 CRI

Operating Temperature: 0-45°C

Dimming: Triac (Leading Edge) or ELV (Trailing Edge)

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

OPTIONAL ACCESSORIES

NSEM-6WDW: Surface mount enclosure with emergency driver and integral test switch.

NSEM-6NDW: Decorative surface mount enclosure without an emergency driver. Used to match the appearance of NSEM-6WDW.

NLOCAC-6R: Decorative metal rings attach magnetically to ELO+ only.

(Note: Decorative rings are held in place with integral magnets. Installations that might have heavy vibrations should be tested.)

LABELS AND LISTINGS

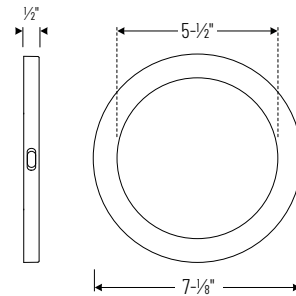
- cETLus Listed for Damp Location
- cETLus classified for retrofit
- FCC certified
- [5-Year Limited Warranty](#)
- Certified to the high efficacy requirements of California Title 24 JA8-2022 (ELO+ only)
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1)



Performance Data			
Part Number	Lumens	CCT	CRI
NELOCAC-6R30W	779lm	3000K	80 CRI
NELOCAC-6R130W	1080lm	3000K	80 CRI
NELOCAC-6RP940W	729lm	4000K	90 CRI

Delivered lumens will vary depending on CCT

PRODUCT IMAGES & DIMENSIONS



NELOCAC-6
6" ELO



NSEM-6WDW

Surface Mount Enclosure with Emergency Driver



NLOCAC-6R

Decorative Rings for ELO+ only

6" ELO and ELO+ LED Surface Mount Luminaire

	Size / Lumens / Wattage	Color Temperature / CRI	Finish
ELO+	NELOCAC-6RP = 6" ELO+ / 700lm / 12W	927 = 2700K / 90+ CRI	W = White
		930 = 3000K / 90+ CRI	
		935 = 3500K / 90+ CRI	
		940 = 4000K / 90+ CRI	
		950 = 5000K / 90+ CRI	
ELO	NELOCAC-6R = 6" ELO / 700lm / 12W NELOCAC-6RL1 = 6" ELO / 1080lm / 15W	30 = 3000K / 80+ CRI	W = White

Optional Accessories

Description

- NSEM-6WDW** = Surface mount enclosure with Emergency Driver
- NSEM-6NDW** = Decorative enclosure without Emergency
- NLOCAC-6RB** = Black Decorative Ring for ELO+ only
- NLOCAC-6RBN** = Brushed Nickel Decorative Ring for ELO+ only
- NLOCAC-6RCH** = Chrome Decorative Ring for ELO+ only
- NLOCAC-6RMPW** = Matte Powder White Decorative Ring for ELO+ only

Example: **NELOCAC-6RP930W** = 6" ELO+ LED Surface Mount Luminaire, 3000K / 90+ CRI, White finish

PHOTOMETRICS

6" ELO LED Surface Mount Luminaire

Type _____

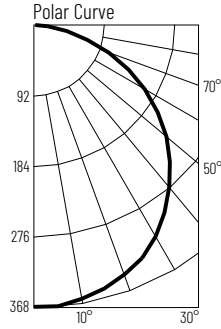
Project _____

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Notes _____

Test Information

Test Number: NTS134R1
 Part Number: NELOCAC-6RL130W
 Beam Spread: 114° Flood
 Lumens: 1084lm
 Wattage: 13.96W
 Efficacy: 78lpw
 CCT / CRI: 3000K / 80 CRI
 Spacing Criteria (0°-180°): 1.3
 Spacing Criteria (90°-270°): 1.3



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	22.9fc	12'-6"
6'	10.2fc	18'-10"
8'	5.7fc	25'
10'	3.7fc	31'-4"
12'	2.6fc	37'-7"

Zonal Lumen Summary

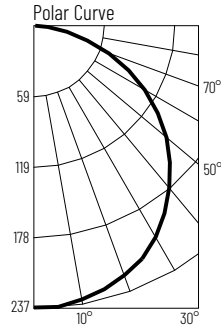
Zone	Lumens	% Luminaire
0-30	288	26.6
0-40	474	43.7
0-60	846	78
0-90	1084	100
90-180	0	0
0-180	1084	100

Candela Table

Vertical Angles	Candela
0	367
5	364
15	355
25	332
35	298
45	252

Test Information

Test Number: NTS1117
 Part Number: NELOCAC-6RP30W
 Beam Spread: 115° Flood
 Lumens: 708lm
 Wattage: 11.46W
 Efficacy: 62lpw
 CCT / CRI: 3000K / 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'	14.8fc	12'-7"
6'	6.6fc	18'-11"
8'	3.7fc	25'-2"
10'	2.4fc	31'-6"
12'	1.7fc	37'-10"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	186	26.3
0-40	306	43.3
0-60	547	77.2
0-90	704	99.4
90-180	4	0.6
0-180	708	100

Candela Table

Vertical Angles	Candela
0	237
5	236
15	228
25	314
35	191
45	160

Lumen Output Multipliers

Color Temperature: 2700K (0.94), 3000K (1.00), 3500K (0.99), 4000K (1.03), 5000K (0.99)