

# NELOCAC

## ELO and ELO+ LED Surface Mount Luminaire

Source: 12W to 24W LED  
700lm to 1700lm

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 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 JA8-2019 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 (ordered separately)
- Available in three sizes (6", 8" or 11")
- Dimmable with Triac or ELV dimmers
- ELO+ Series includes an integral magnet allows optional finish ring to attach seamlessly\*
- 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:** See chart below

**Color Temperature:** See chart below

**Color Rendering Index:** See chart below

**Operating Temperature:** 0-45°C

**Dimming:** Triac or ELV

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

### ACCESSORIES

**Decorative Rings:** ELO+ Series includes an integral magnet to mount optional decorative rings seamlessly. Finishes include black, brushed nickel, chrome or matte powder white in 6", 8" or 11" sizes.

\* Optional decorative rings are held in place with integral magnets. Installations that might have heavy vibrations should be tested.

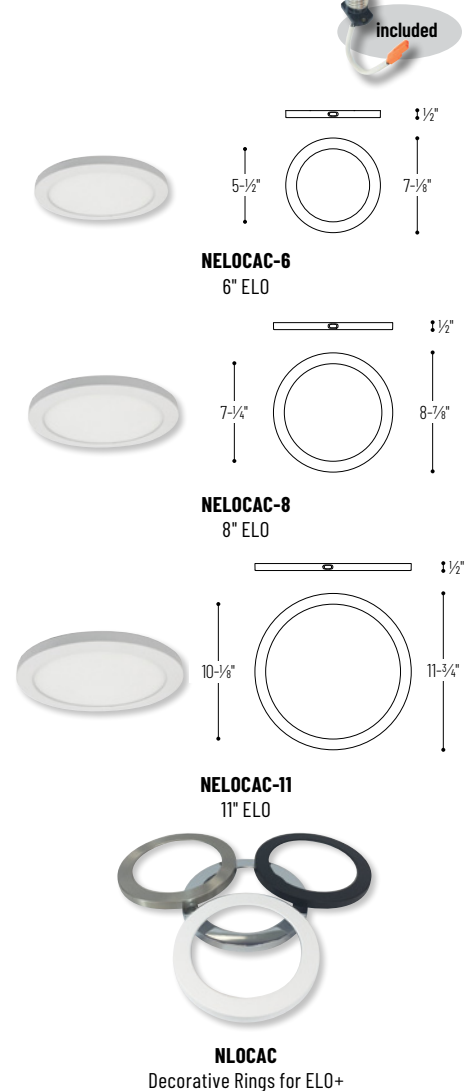
### LABELS AND LISTINGS

- cETLus Listed for Damp Location
- cETLus classified for retrofit
- ENERGY STAR® certified
- FCC certified
- 5-Year Limited Warranty
- Certified to the high efficacy requirements of California Title 24 JA8-2019 (ELO+ only)
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1)



Size	NELOCAC-6RP	NELOCAC-8RP	NELOCAC-11RP	NELOCAC-6RL1	NELOCAC-8R	NELOCAC-11R
Lumens / Wattage	700lm / 12W	1100lm / 18W	1700lm / 24W	1080lm / 15W	1100lm / 18W	1700lm / 24W
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K			3000K		
Color Rendering Index	90+ CRI			80+ CRI		

### PRODUCT IMAGES & DIMENSIONS



### ELO and ELO+ LED Surface Mount Luminaire

	Size / Lumens / Wattage	Color Temperature / CRI	Finish
<b>ELO+</b>	<b>NELOCAC-6RP</b> = 6" ELO+ / 700lm / 12W	<b>927</b> = 2700K / 90+ CRI	<b>W</b> = White
	<b>NELOCAC-8RP</b> = 8" ELO+ / 1100lm / 18W	<b>930</b> = 3000K / 90+ CRI	
	<b>NELOCAC-11RP</b> = 11" ELO+ / 1700lm / 24W	<b>935</b> = 3500K / 90+ CRI	
		<b>940</b> = 4000K / 90+ CRI	
		<b>950</b> = 5000K / 90+ CRI	
<b>ELO</b>	<b>NELOCAC-6RL1</b> = 6" ELO / 1080lm / 15W	<b>30</b> = 3000K / 80+ CRI	<b>W</b> = White
	<b>NELOCAC-8R</b> = 8" ELO / 1100lm / 18W		
	<b>NELOCAC-11R</b> = 11" ELO / 1700lm / 24W		

### Optional Accessories

Description	Decorative Ring Finish
<b>NLOCAC-6R</b> = 6" Ring for ELO+ only	<b>B</b> = Black
<b>NLOCAC-8R</b> = 8" Ring for ELO+ only	<b>BN</b> = Brushed Nickel
<b>NLOCAC-11R</b> = 11" Ring for ELO+ only	<b>CH</b> = Chrome
	<b>MPW</b> = Matte Powder White

Example: **NELOCAC-8RP930W** = 8" ELO+ LED Surface Mount Luminaire, 3000K / 90+ CRI, White finish

# PHOTOMETRICS

## 6" ELO LED Surface Mount Luminaire

Type

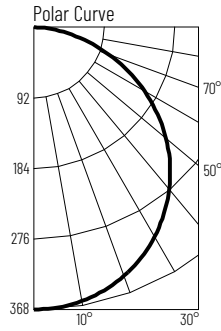
Project

Catalog No.

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

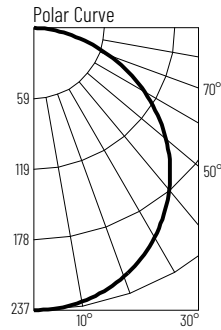
Zone	Lumens	% Luminaire
0-30	288	26.6
0-40	474	43.7
0-60	846	78
0-90	1084	100
90-180	0	0
0-180	1084	100

### 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)

# PHOTOMETRICS

## 8" ELO LED Surface Mount Luminaire

Type

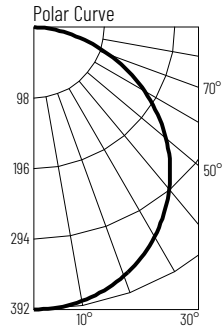
Project

Catalog No.

Notes

### Test Information

Test Number: NTS1257  
 Part Number: NELOCAC-8R30W  
 Beam Spread: 115° Flood  
 Lumens: 1191lm  
 Wattage: 17.17W  
 Efficacy: 69lpw  
 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'	24.5fc	12'-8"
6'	10.9fc	19'
8'	6.1fc	25'-5"
10'	3.9fc	31'-8"
12'	2.7fc	38'

### Zonal Lumen Summary

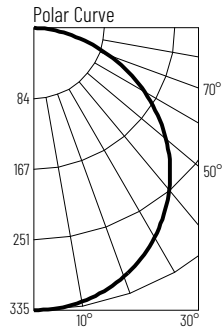
Zone	Lumens	% Luminaire
0-30	310	26
0-40	512	43
0-60	915	76.8
0-90	1176	99
90-180	15	1
0-180	1191	100

### Candela Table

Vertical Angles	Candela
0	392
5	391
15	381
25	359
35	324
45	276

### Test Information

Test Number: NTS122  
 Part Number: NELOCAC-8RP30W  
 Beam Spread: 115° Flood  
 Lumens: 998lm  
 Wattage: 16.23W  
 Efficacy: 61lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.26



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	20.9fc	12'-7"
6'	9.3fc	19'
8'	5.2fc	25'-4"
10'	3.3fc	31'-7"
12'	2.3fc	37'-11"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	263	26.3
0-40	433	43.4
0-60	772	77.3
0-90	992	99.4
90-180	6	1
0-180	998	100

### Candela Table

Vertical Angles	Candela
0	334
5	333
15	322
25	300
35	268
45	225

### Lumen Output Multipliers

Color Temperature: 2700K (0.98), 3000K (1.00), 3500K (1.03), 4000K (1.17), 5000K (1.06)

# PHOTOMETRICS

## 11" ELO LED Surface Mount Luminaire

Type

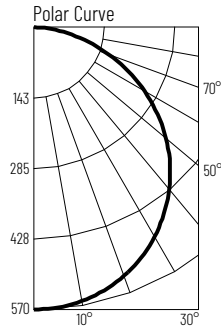
Project

Catalog No.

Notes

### Test Information

Test Number: NTR1258  
 Part Number: NELOCAC-11R30W  
 Beam Spread: 115° Flood  
 Lumens: 1720lm  
 Wattage: 22.85W  
 Efficacy: 75lpw  
 CCT / CRI: 3000K / 80 CRI  
 Spacing Criteria (0°-180°): 1.3  
 Spacing Criteria (90°-270°): 1.28



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	35.7fc	12'-6"
6'	15.8fc	18'-10"
8'	8.9fc	25'-1"
10'	5.7fc	31'-4"
12'	4fc	37'-7"

### Zonal Lumen Summary

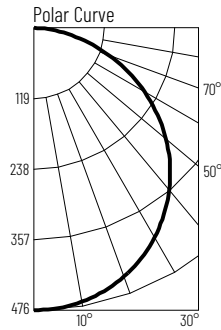
Zone	Lumens	% Luminaire
0-30	448	26
0-40	738	42.9
0-60	1317	76.6
0-90	1695	98.5
90-180	25	2
0-180	1720	100

### Candela Table

Vertical Angles	Candela
0	570
5	569
15	552
25	517
35	465
45	396

### Test Information

Test Number: NTS127  
 Part Number: NELOCAC-11RP30W  
 Beam Spread: 116° Flood  
 Lumens: 1428lm  
 Wattage: 21.08W  
 Efficacy: 68lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.24



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	29.6fc	12'-10"
6'	13.2fc	19'-2"
8'	7.4fc	25'-6"
10'	4.7fc	31'-11"
12'	3.3fc	38'-4"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	373	26.1
0-40	615	43
0-60	1100	77
0-90	1420	99.4
90-180	8	1
0-180	1428	100

### Candela Table

Vertical Angles	Candela
0	474
5	470
15	453
25	423
35	377
45	316

### Lumen Output Multipliers

Color Temperature: 2700K (0.95), 3000K (1.00), 3500K (1.14), 4000K (1.2), 5000K (1.14)