

# NLOPAC-R4REGT24

4" Regressed AC Opal, LED Surface Mount

Source: 11W LED

Up to 700lm

Type

Project

Catalog No.

Notes

## PRODUCT DESCRIPTION

Regressed AC Opal Series fixture is designed to surface mount over a standard junction box. Regressed light source gives the appearance of a recessed luminaire.

## FEATURES

- Recessed appearance
- AC LED (No Driver)
- 2700K, 3000K or 4000K @ 90+ CRI
- ENERGY STAR certified
- cETLus Listed for Wet Locations
- Certified to the high efficacy requirements of California Title 24 JA8-2019

## SPECIFICATION

**Construction:** One piece die-cast aluminum formed luminaire. Aluminum body dissipates heat and extends life.

**Mounting:** Surface mount luminaire is compatible with 3" or 4" junction boxes and 1/2" deep pancake boxes.

**Ratings:** IC rated when used with 3" or 4" electrical junction box rated for direct contact with insulation. Fire rated when used with a fire rated junction box.

## ELECTRICAL

**Input Voltage:** 120V

**Lumens / Wattage:** Up to 700lm / 11W

**Color Temperature:** 2700K, 3000K, 4000K

**Color Rendering Index:** 90+ CRI

**Beam Spread:** 118° Wide Flood

**Operating Temperature:** -20°C to 40°C

**Dimming:** Triac/ELV

## LISTING

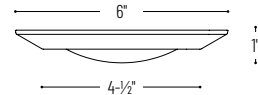
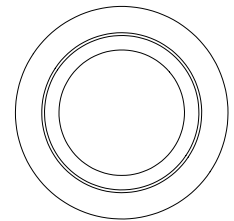
- cETLus Listed for wet locations
- ENERGY STAR certified
- 5-Year Limited Warranty
- Certified to the high efficacy requirements of California Title 24 JA8-2019
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1).
- FCC Compliant



## Performance Data

Part Number	Lumens	CCT
<b>NLOPAC-R4REGT2427W</b>	630lm	2700K
<b>NLOPAC-R4REGT2430W</b>	688lm	3000K
<b>NLOPAC-R4REGT2440W</b>	713lm	4000K

## PRODUCT IMAGES AND DIMENSIONS



## 4" Regressed AC Opal

Series	Color Temperature	Finish
<b>NLOPAC-R4REGT24</b>	<b>27</b> = 2700K	<b>W</b> = White
	<b>30</b> = 3000K	
	<b>40</b> = 4000K	

Example: **NLOPAC-R4REGT2427W** = 4" Regressed AC Opal, 2700K, White Finish

# PHOTOMETRICS

## 4" Regressed AC Opal, LED Surface Mount

Type

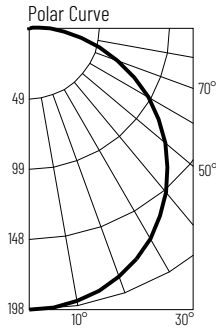
Project

Catalog No.

Notes

### Test Information

Test Number: 13809026.01  
 Part Number: NLOPAC-R4REGT2427W  
 Beam Spread: 117° Wide Flood  
 Lumens: 630lm  
 Wattage: 10.68W  
 Efficacy: 59lpw  
 CCT / CRI: 2700K / 90 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'	12.4fc	13'
6'	5.5fc	19'-7"
8'	3.1fc	26'-1"
10'	2fc	32'-7"
12'	1.4fc	39'-1"

### Zonal Lumen Summary

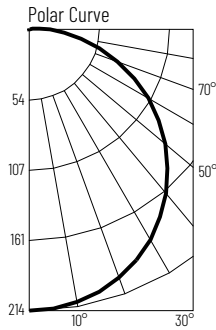
Zone	Lumens	% Luminaire
0-30	156	24.7
0-40	256	40.7
0-60	460	73
0-90	617	97.9
90-180	13	2.1
0-180	630	100

### Candela Table

Vertical Angles	Candela
0	198
5	197
15	192
25	179
35	161
45	137

### Test Information

Test Number: NTRG1005R1  
 Part Number: NLOPAC-R4REGT2430W  
 Beam Spread: 118° Wide Flood  
 Lumens: 688lm  
 Wattage: 10.69W  
 Efficacy: 64lpw  
 CCT / CRI: 3000K / 90 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'	13.4fc	13'-6"
6'	6fc	20'-2"
8'	3.4fc	27'
10'	2.1fc	33'-8"
12'	1.5fc	40'-5"

### Zonal Lumen Summary

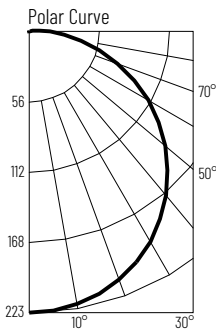
Zone	Lumens	% Luminaire
0-30	168	24.5
0-40	278	40.3
0-60	501	72.8
0-90	676	98.3
90-180	12	1.7
0-180	688	100

### Candela Table

Vertical Angles	Candela
0	214
5	213
15	207
25	194
35	175
45	150

### Test Information

Test Number: NTRG1006R1  
 Part Number: NLOPAC-R4REGT2440W  
 Beam Spread: 118° Wide Flood  
 Lumens: 713lm  
 Wattage: 10.75W  
 Efficacy: 66lpw  
 CCT / CRI: 4000K / 90 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'	14fc	13'-5"
6'	6.2fc	20'-1"
8'	3.5fc	26'-10"
10'	2.2fc	33'-6"
12'	1.6fc	40'-2"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	144	20.3
0-40	242	33.9
0-60	505	70.8
0-90	702	98.4
90-180	11	1.6
0-180	713	100

### Candela Table

Vertical Angles	Candela
0	223
5	222
15	215
25	202
35	182
45	156