

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
- cETLus Listed for Wet Locations
- Certified to the high efficacy requirements of California Title 24 JA8-2022

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

OPTIONAL ACCESSORIES

NLOPAC-R4REGRECKIT: Retrofit Kit for Recessed Housings

LISTING

- cETLus Listed for wet locations
- 5-Year Limited Warranty
- 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).
- FCC Compliant



Performance Data

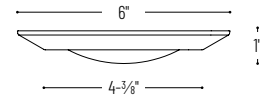
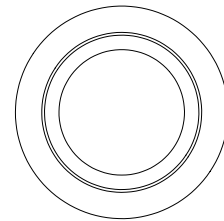
Part Number	Lumens	CCT
NLOPAC-R4REGT2427W	630lm	2700K
NLOPAC-R4REGT2430W	688lm	3000K
NLOPAC-R4REGT2440W	713lm	4000K

PRODUCT IMAGES AND DIMENSIONS



NLOPAC-R4REGT24

4" Regressed AC Opal



NLOPAC-R4REGRECKIT

Retrofit Kit for NLOPAC-R4REGT24

4" Regressed AC Opal

Color Temperature

NLOPAC-R4REGT2427W = 2700K

NLOPAC-R4REGT2430W = 3000K

NLOPAC-R4REGT2440W = 4000K

Optional Accessories

Description

NLOPAC-R4REGRECKIT = Retrofit Kit for NLOPAC-R4REGT24

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

PHOTOMETRICS

4" Regressed AC Opal, LED Surface Mount

Type

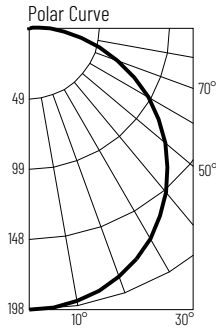
Project

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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

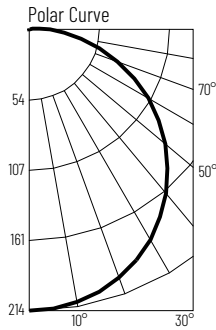
Zone	Lumens	% Luminaire
0-30	156	24.7
0-40	256	40.7
0-60	460	73
0-90	617	97.9
90-180	13	2.1
0-180	630	100

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

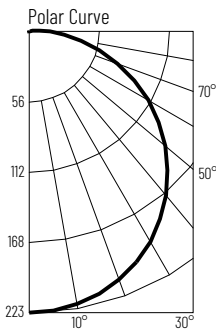
Zone	Lumens	% Luminaire
0-30	168	24.5
0-40	278	40.3
0-60	501	72.8
0-90	676	98.3
90-180	12	1.7
0-180	688	100

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