

NLOPAC-R8T24

8" AC Opal - LED Surface Mount

Source: 32W LED
2000lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

The AC Opal LED Series LED fixture is designed to surface mount over a standard junction box. The low profile dimmable luminaire produces even illumination and is cULus listed for wet locations.

FEATURES

- AC LED (No Driver)
- Dimmable
- 2700K, 3000K, 4000K or 5000K @ 90+ CRI
- White, bronze or natural metal finishes
- Mount on standard 4" junction box
- ENERGY STAR certified

SPECIFICATION

Construction: One piece aluminum die formed housing and trim. Aluminum body dissipates heat and extends life.

Mounting: AC Opal (no driver) is flat on the back and suitable for installation on most 4" octagon boxes or 4/0 plaster ring. Luminaires can be installed in covered ceiling and wall mount.

Optics: Nora specified and designed precision molded lens for optimal lumen output and even distribution.

Finishes: Available in white, bronze and natural metal finishes.

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

ELECTRICAL

Input Voltage: 120V

Operating temperature: 0-45°C

Lumens / Wattage: 2000lm / 32W

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

CRI: 90+

Dimming: 5% with Triac or 10% with ELV

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

ACCESSORIES

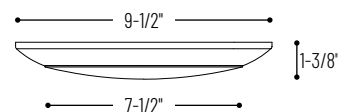
NLOPAC-56RECKIT: Opal can be mounted in 5" or 6" recessed housings using optional torsion spring kit.

LISTING

- cULus Listed for wet locations (covered ceiling only)
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- RoHS Compliant
- 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).



PRODUCT IMAGES AND DIMENSIONS



8" AC Opal - LED Surface Mount

Size / Lumens / Wattage	Color Temperature	Finish
NLOPAC-R8T24 = 8" / 2000lm / 32W	27 = 2700K	BZ = Bronze
	30 = 3000K	NM = Natural Metal
	40 = 4000K	W = White
	50 = 5000K	

Optional Accessories

Description
NLOPAC-56RECKIT = Retrofit Kit for 5" or 6" Recessed Housings

Example: NLOPAC-R8T2430W = 8" AC Opal T24, 2000lm / 32W, 3000K, White finish

PHOTOMETRICS

8" AC Opal - LED Surface Mount

Type

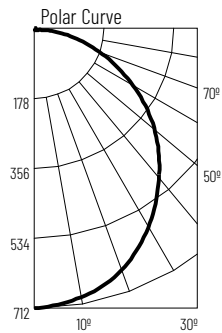
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Test Information

Test Number: NTS111
Part Number: NLOPAC-R8T2430W
Beam Spread: 110° Wide Flood
Lumens: 2074lm
Wattage: 31.33W
Efficacy: 66lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180): 1.24
Spacing Criteria (90°-270): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	44.3fc	11"-4"
6'	19.7fc	17"
8'	11.1fc	22"-8"
10'	7.1fc	28"-4"
12'	4.9fc	34'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	544	26.2
0-40	886	42.7
0-60	1554	74.9
0-90	2032	97.9
90-180	43	2.1
0-180	2074	100

Candela Table

Vertical Angles	Candela
0	710
5	709
15	681
25	612
35	545
45	457