

NLOPAC-R4509

4" AC Opal - LED Surface Mount

Source: 10.5W LED
650lm

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. Includes universal bracket for 3" or 4" junction boxes.

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: 650lm / 10.5W

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

CRI: 90+

Dimming: 5% with Triac or 10% with ELV

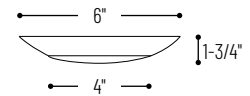
[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

LISTING

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



BZ
Bronze



NM
Natural Metal



W
White

4" AC Opal - LED Surface Mount

Color Temperature / Finish

NLOPAC-R450927ABZ = 2700K / Bronze
NLOPAC-R450927ANM = 2700K / Natural Metal
NLOPAC-R450927AW = 2700K / White
NLOPAC-R450930ABZ = 3000K / Bronze
NLOPAC-R450930ANM = 3000K / Natural Metal
NLOPAC-R450930AW = 3000K / White
NLOPAC-R450940ABZ = 4000K / Bronze
NLOPAC-R450940ANM = 4000K / Natural Metal
NLOPAC-R450940AW = 4000K / White
NLOPAC-R450950AW = 5000K / White

Example: NLOPAC-R450930W = 4" AC Opal, 650lm / 10.5W, 3000K, White finish

PHOTOMETRICS

4" AC Opal - LED Surface Mount

Type

Project

Catalog No.

Notes

Test Information

Test Number: NTR11246

Part Number: NLOPAC-R450930AW

Beam Spread: 108° Wide Flood

Lumens: 716lm

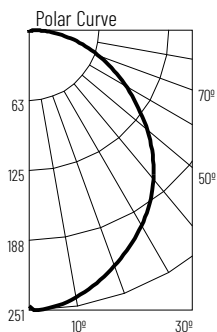
Wattage: 10.46W

Efficacy: 68lpw

CCT / CRI: 3000K / 90 CRI

Spacing Criteria (0°-180): 1.22

Spacing Criteria (90°-270): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	15.4fc	10'-11"
6'	6.9fc	16'-5"
8'	3.9fc	21'-11"
10'	2.5fc	27'-4"
12'	1.7fc	32'-10"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	190	26.5
0-40	307	42.9
0-60	536	74.9
0-90	705	98.4
90-180	11	1.6
0-180	716	100

Candela Table

Vertical Angles	Candela
0	247
5	247
15	236
25	216
35	188
45	155