

NLOPAC-R4509T24

4" AC Opal - LED Surface Mount

Source: 10.5W

700lm

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 cETLus 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: Surface mount luminaire is compatible with 3" or 4" junction boxes and 1/2" deep pancake boxes for ceiling or wall mount applications.

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: 700lm / 10.5W

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

CRI: 90+

Lifetime: 50,000 hours @ L70

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

- 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



PRODUCT IMAGES AND DIMENSIONS



4" AC Opal - LED Surface Mount

Size / Lumens / Wattage	Color Temperature	Finish
NLOPAC-R4509T24 = 4" / 700lm / 10.5W	27 = 2700K	BZ = Bronze
	30 = 3000K	NM = Natural Metal
	40 = 4000K	W = White
	50 = 5000K (white finish only)	

Example: NLOPAC-R4509T2430W = 4" AC Opal, 700lm / 10.5W, 3000K, White finish

PHOTOMETRICS

4" AC Opal Series - LED Surface Mount

Type

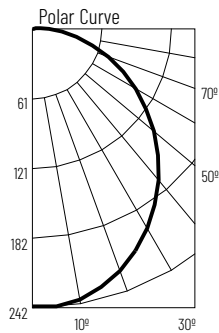
Project

Catalog No.

Notes

Test Information

Test Number: NTR1499
Part Number: NLOPAC-R4509T2427W
Beam Spread: 110° Wide Flood
Lumens: 713lm
Wattage: 9.58W
Efficacy: 74lpw
CCT / CRI: 2700K / 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'	15.1fc	11"-4"
6'	6.7fc	17"
8'	3.8fc	22"-8"
10'	2.4fc	28"-5"
12'	1.7fc	34"

Zonal Lumen Summary

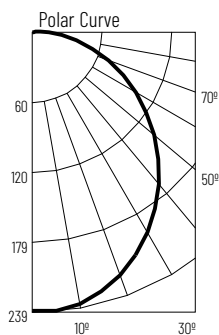
Zone	Lumens	% Luminaire
0-30	185	26
0-40	301	42.3
0-60	529	74.2
0-90	701	98.4
90-180	11	1.6
0-180	713	100

Candela Table

Vertical Angles	Candela
0	242
5	241
15	231
25	211
35	185
45	155

Test Information

Test Number: NTR1450
Part Number: NLOPAC-R4509T2430W
Beam Spread: 109° Wide Flood
Lumens: 700lm
Wattage: 9.85W
Efficacy: 71lpw
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'	15fc	11"-2"
6'	6.7fc	16"-10"
8'	3.7fc	22"-4"
10'	2.4fc	27"-11"
12'	1.7fc	33"-6"

Zonal Lumen Summary

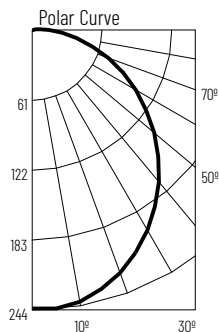
Zone	Lumens	% Luminaire
0-30	183	26.2
0-40	297	42.5
0-60	519	74.2
0-90	687	98.2
90-180	13	1.8
0-180	700	100

Candela Table

Vertical Angles	Candela
0	240
5	239
15	228
25	208
35	182
45	151

Test Information

Test Number: NTR1451
Part Number: NLOPAC-R4509T2440W
Beam Spread: 110° Wide Flood
Lumens: 720lm
Wattage: 9.65W
Efficacy: 75lpw
CCT / CRI: 4000K / 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'	15.2fc	11"-5"
6'	6.8fc	17"
8'	3.8fc	22"-8"
10'	2.4fc	28"-5"
12'	1.7fc	34"-1"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	187	25.9
0-40	304	42.2
0-60	533	74
0-90	707	98.3
90-180	12	1.7
0-180	720	100

Candela Table

Vertical Angles	Candela
0	243
5	242
15	232
25	212
35	186
45	156