

NLOPAC-R6TW

6" AC Opal LED Surface Mount with Selectable CCT

Source: 16W
1200lm

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
- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- White, black, bronze or natural metal finishes
- Mount on standard 4" junction box
- Retrofit kit included for 5" or 6" recessed housings
- 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. Luminaires can also be retrofit over 5" or 6" recessed housings with retrofit kit (included).

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

Finishes: Available in white, black, 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 fire rated junction box.

Retrofit: Each luminaire includes a retrofit kit with medium base socket adapter to mount over 5" or 6" recessed housings. Kit also includes torsion spring brackets that hold luminaire flush against ceiling. Retrofit kit is intended to be used with a lighting fixture as a lamp replacement.

ELECTRICAL

Input Voltage: 120V

Lumens / Wattage: 1200lm / 16W

Color Temperature: Selectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K (*Note: Preset to 3000K*)

Color Rendering Index: 90+ CRI

Operating temperature: 0-45°C

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

ACCESSORIES

NLOPAC-4BKT-2: Universal bracket for mounting to 3" or 4" junction boxes.

LISTING

- cETLus Listed for wet locations
- cETLus classified for retrofit
- ENERGY STAR certified
- [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



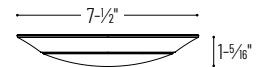
Performance Data

Part Number	Lumens	CCT
NLOPAC-R6TW	1086lm	2700K
NLOPAC-R6TW	1166lm	3000K
NLOPAC-R6TW	1239lm	3500K
NLOPAC-R6TW	1233lm	4000K
NLOPAC-R6TW	1178lm	5000K

PRODUCT IMAGES AND DIMENSIONS



Selectable CCT
Five position sliding switch
27K / 30K / 35K / 40K / 50K



NLOPAC-R6TWB
Black Finish



NLOPAC-R6TWNM
Natural Metal Finish



NLOPAC-R6TWW
White Finish



NLOPAC-4BKT-2
Universal Bracket for 3" or 4" Junction Boxes

6" AC Opal LED Surface Mount with Selectable CCT

Description

NLOPAC-R6TWB = Black Finish
NLOPAC-R6TWNM = Natural Metal Finish
NLOPAC-R6TWW = White Finish

Optional Accessories

Description

NLOPAC-4BKT-2 = Universal Bracket for 3" or 4" Junction Boxes

Example: **NLOPAC-R6TWW** = 6" AC Opal LED Surface Mount with Selectable CCT, 1200lm / 16W, White finish

PHOTOMETRICS

6" AC Opal LED Surface Mount with Selectable CCT

Type

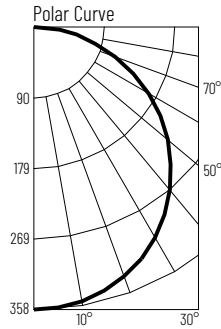
Project

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Test Information

Test Number: NTS143R1
 Part Number: NLOPAC-R6TWW
 Beam Spread: 116° Wide Flood
 Lumens: 1086lm
 Wattage: 15.13W
 Efficacy: 72lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	22.4fc	12"-11"
6'	10fc	19"-5"
8'	5.6fc	25"-10"
10'	3.6fc	32"-4"
12'	2.5fc	38"-8"

Zonal Lumen Summary

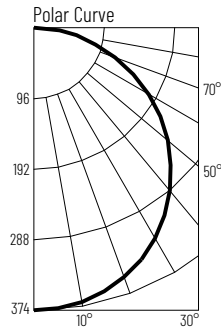
Zone	Lumens	% Luminaire
0-30	280	25.8
0-40	461	42.4
0-60	825	76
0-90	1086	100
90-180	0	0
0-180	1086	100

Candela Table

Vertical Angles	Candela
0	358
5	357
15	346
25	324
35	290
45	246

Test Information

Test Number: NTS144R1
 Part Number: NLOPAC-R6TWW
 Beam Spread: 116° Wide Flood
 Lumens: 1166lm
 Wattage: 15.06W
 Efficacy: 77lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	24fc	12"-11"
6'	10.7fc	19"-5"
8'	6fc	25"-11"
10'	3.8fc	32"-4"
12'	2.7fc	38"-10"

Zonal Lumen Summary

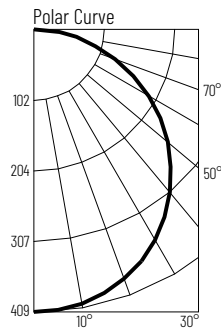
Zone	Lumens	% Luminaire
0-30	301	25.8
0-40	495	42.4
0-60	886	75.9
0-90	1166	100
90-180	0	0
0-180	1166	100

Candela Table

Vertical Angles	Candela
0	384
5	383
15	371
25	348
35	312
45	265

Test Information

Test Number: NTS145R1
 Part Number: NLOPAC-R6TWW
 Beam Spread: 116° Wide Flood
 Lumens: 1239lm
 Wattage: 15.39W
 Efficacy: 81lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	25.5fc	12"-11"
6'	11.4fc	19"-4"
8'	6.4fc	25"-8"
10'	4.1fc	32"-2"
12'	2.8fc	38"-7"

Zonal Lumen Summary

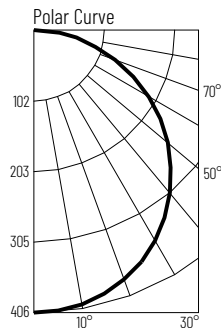
Zone	Lumens	% Luminaire
0-30	320	25.8
0-40	526	42.4
0-60	941	75.9
0-90	1239	100
90-180	0	0
0-180	1239	100

Candela Table

Vertical Angles	Candela
0	409
5	407
15	394
25	369
35	330
45	280

Test Information

Test Number: NTS146R1
 Part Number: NLOPAC-R6TWW
 Beam Spread: 116° Wide Flood
 Lumens: 1239lm
 Wattage: 15.14W
 Efficacy: 81lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	25.4fc	12"-11"
6'	11.3fc	19"-5"
8'	6.4fc	25"-10"
10'	4.1fc	32"-4"
12'	2.8fc	38"-8"

Zonal Lumen Summary

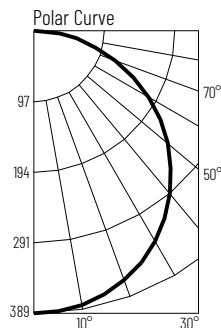
Zone	Lumens	% Luminaire
0-30	318	25.8
0-40	523	42.4
0-60	937	75.9
0-90	1233	100
90-180	0	0
0-180	1233	100

Candela Table

Vertical Angles	Candela
0	406
5	404
15	392
25	367
35	330
45	280

Test Information

Test Number: NTS147R1
 Part Number: NLOPAC-R6TWW
 Beam Spread: 116° Wide Flood
 Lumens: 1178lm
 Wattage: 15.17W
 Efficacy: 78lpw
 CCT / CRI: 5000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	24.3fc	12"-10"
6'	10.8fc	19"-4"
8'	6.1fc	25"-8"
10'	3.9fc	32"-1"
12'	2.7fc	38"-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	304	25.8
0-40	500	42.4
0-60	895	76
0-90	1178	100
90-180	0	0
0-180	1178	100

Candela Table

Vertical Angles	Candela
0	389
5	386
15	374
25	350
35	313
45	266