

NLOCAC

CAMO Tunable White LED Surface Mount Luminaire

Source: 12W to 24W LED
700lm to 1700lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

The CAMO Series is a thin 1/2" surface mounted luminaire with an integral tunable CCT switch. Luminaire is available in 6", 8" or 11" sizes and mounts easily over a standard or fire rated junction boxes. Optional black, brushed nickel, chrome or matte powder white rings are available.

FEATURES

- Selectable CCT (3000K, 4000K or 5000K @ 90+ CRI)
- Surface mounted or retrofit into existing recessed housings with torsion spring kit (ordered separately)
- Available in three sizes (6", 8" or 11")
- Dimmable with Triac or ELV dimmers
- Integral magnet allows optional finish ring to attach seamlessly*
- Metal rings offered in black, brushed nickel, chrome or matte powder white
- 5-year limited warranty

SPECIFICATION

Construction: Surface mounted luminaire includes integral driver and magnet for decorative rings. Optional metal rings are available in black, brushed nickel chrome or matte powder white (ordered separately).

Mounting: Aluminum bracket can be used to surface mount on junction box. Optional torsion springs are available for retrofitting 5" or 6" recessed housings.

Tunable White: Each luminaire includes a color temperature switch on the back of the fixture. Toggle the switch to change the temperature from 3000K to 4000K or 5000K.

Operating Temperature: 0-45°C

ELECTRICAL

Input Voltage: 120V

Lumens / Wattage:

6" = 700lm / 12W; **8"** = 1100lm / 18W; **11"** = 1700lm / 24W

Color Temperature: 3000K [WW], 4000K [NW] or 5000K [CW] (each luminaire includes a CCT switch)

CRI: 90+ CRI

Dimming: Triac or ELV

Check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

ACCESSORIES

Decorative Rings: CAMO includes an integral magnet to mount optional decorative rings seamlessly. Finishes include black, brushed nickel, chrome or matte powder white in 6", 8" or 11" sizes.

* Optional decorative rings are held in place with integral magnets. Installations that might have heavy vibrations should be tested.

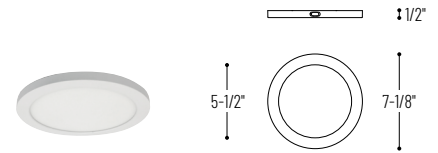
NLOCAC-681RECKIT: CAMO can be mounted to a 5" or 6" recessed housings with torsion spring brackets using optional torsion spring kit.

LABELS AND LISTINGS

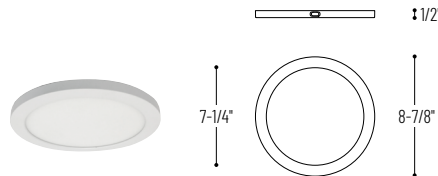
- cETLus Listed for Damp Location
- ENERGY STAR® certified
- 5-Year Limited Warranty
- Can be used to comply with 2016 Title 24 - part 6 High Efficacy LED light source requirements
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)



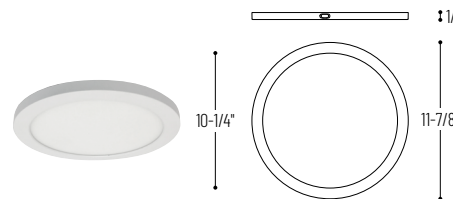
PRODUCT IMAGES & DIMENSIONS



NLOCAC-6R345W
6" CAMO



NLOCAC-8R345W
8" CAMO



NLOCAC-11R345W
11" CAMO



Decorative Ring Accessories

CAMO Tunable White LED Surface Mount Luminaire

Luminaire Size	Color Temperature	Finish
NLOCAC-6R = 6" Round	345 = 3000K, 4000K, 5000K	W = White
NLOCAC-8R = 8" Round		
NLOCAC-11R = 11" Round		

Optional Accessories

Description	Decorative Ring Finish
NLOCAC-6R = 6" Decorative Ring	B = Black
NLOCAC-8R = 8" Decorative Ring	BN = Brushed Nickel
NLOCAC-11R = 11" Decorative Ring	CH = Chrome
	MPW = Matte Powder White
NLOCAC-681RECKIT = Torsion Spring Kit	

Example: **NLOCAC-8R** = 8" CAMO Tunable White LED Surface Mount Luminaire, White finish

PHOTOMETRICS

CAMO Tunable White LED Surface Mount Luminaire

Type

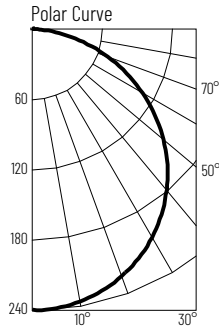
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Test Information

Test Number: NTS100
 Part Number: NLOCAC-6R345W
 Lumens: 713lm
 Wattage: 11.3W
 Efficacy: 63lpw
 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'	15fc	12'-5"
6'	6.7fc	18'-8"
8'	3.7fc	24'-11"
10'	2.4fc	31'-1"
12'	1.7fc	37'-4"

Zonal Lumen Summary

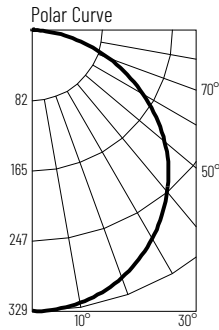
Zone	Lumens	% Luminaire
0-30	188	26.3
0-40	308	43.3
0-60	550	77.2
0-90	708	99.4
90-180	5	0.6
0-180	713	100

Candela Table

Vertical Angles	Candela
0	240
5	2239
15	231
25	216
35	193
45	164

Test Information

Test Number: NTS101
 Part Number: NLOCAC-8R345W
 Lumens: 978lm
 Wattage: 16.4W
 Efficacy: 60lpw
 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'	20.5fc	12'-7"
6'	9.1fc	18'-10"
8'	5.1fc	25'-1"
10'	3.3fc	31'-5"
12'	2.3fc	37'-8"

Zonal Lumen Summary

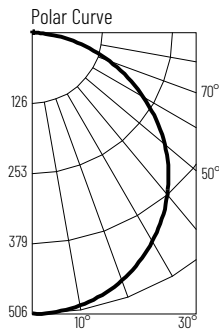
Zone	Lumens	% Luminaire
0-30	257	26.2
0-40	422	43.2
0-60	754	77.1
0-90	972	99.3
90-180	6	0.7
0-180	978	100

Candela Table

Vertical Angles	Candela
0	328
5	327
15	317
25	296
35	265
45	226

Test Information

Test Number: NTS105
 Part Number: NLOCAC-11R345W
 Lumens: 1509lm
 Wattage: 21.4W
 Efficacy: 71lpw
 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'	31.5fc	12'-6"
6'	14fc	18'-10"
8'	7.9fc	25'-1"
10'	5fc	31'-5"
12'	3.5fc	37'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	395	26.1
0-40	650	43
0-60	1160	76.9
0-90	1496	99.1
90-180	14	0.9
0-180	1509	100

Candela Table

Vertical Angles	Candela
0	504
5	503
15	486
25	455
35	408
45	347