OUC5

LED Round Canopy Light

Project

Catalog

Type

Date

Product Description

The OUC5 LED Round Canopy offers high performance in an economical and practical design. The OUC5 achieves even light distribution using a prismatic, frosted lens that is UV- and fire-resistant while its die-cast aluminum housing has convenient knockouts for easy J-Box, surface mount, or pendant installations. The OUC5 is an efficient outdoor canopy lighting solution for exterior ceilings or for canopy, parking garages, carports, covered walkways, or other commercial spaces, and is equipped with an integrated heat sink and a dual application lens. The OUC5 offers selectable wattages (100W/80W/60W) and selectable CCT (3000K/4000K/5000K). Factory mounted photocell standard.

Construction
- High-quality, die-cast aluminum housing with integrated heat sink
- Easy to use mounting brackets allows for quick installation to J-Boxes (standard)
- ½" knockouts for conduit wiring or sensor additions
- UV- and fire-resistant lens
- Stainless steel hardware

Optical System
- Specially designed lenses make the light distribution suitable for canopy and garages
- Utilizes advanced LED technology with selectable CCT of 3000K, 4000K and 5000K
- CRI 80+

Electrical
- Thermally-protected, high-efficiency driver
- Operating temperature rating of -40° to 113°F (-40°C to 45°C)
- 6KV surge protection standard
- Input voltage of 120-277VAC with power factor >0.9
- Selectable wattages with 100 watt max
- Driver delivers full-range dimming from 0-10VDC, continuous dimming to 10% or below

Control
- Preinstalled 3.5mm sensor socket allows use of low-voltage lighting controls
- Factory mounted photocell standard (can be disabled in field)

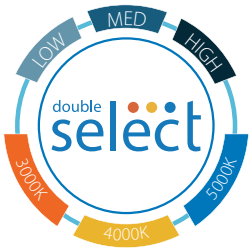
Finish
- Fine-textured, UV-stabilized powder coat in black and white finish

Mounting and installation
- Varied installation methods:
  - J-Box (hinged mounting plate)
  - Ceiling/conduit (1/2" threaded openings on sides)
  - Pendant (3/4" provided by others)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Listings
- cULus 1598 Listed for wet locations
- DLC 6.0 Premium Listed
- IP65 rated
- RoHS Compliant
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- TM-21 Reported L70 life >102,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

Warranty
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)







OUC5

LED Canopy

Wattage Selectable

CCT Selectable

Suitable for Canopy & Garages

Ordering

Ordering Information

Example: OUC5100SUS8RDBKS

Series	Version	Wattage (Selectable)	Voltage	CCTs Selectable	CRI	Shape	Finish	Controls
OUC	**5**	**100S** (100/80/60W)	**U** (120-277)	**S** (3000/4000/5000K)	**8**	**RD** (Round)	☐ **BK** (Black)	**S** (12V 3.5mm Socket)
							☐ **WH** (White)	

Specifications and dimensions subject to change without notice.

Performance Data

Performance Data

Model Number	CCT	Lumens	Watts	Lumens/Watt	EM Lumens
OUC5100SUS	3000	8407	60	140	1120
	4000	8812		147	1176
	5000	8753		143	1144
	3000	10985	80	137	1096
	4000	11674		146	1168
	5000	11431		143	1144
	3000	14230	100	142	1136
	4000	15321		153	1224
	5000	14887		149	1192

Accessories

Microwave Motion Sensor White	H12VSENSORMW[1]
Microwave Motion Sensor Bronze	H12V3SENSORMW1PBG[1]
Remote Control for H12V Sensors	H12V2REMOTE
8W Outdoor Remote EM Kit Bronze	EMO1080WRVBZ[2]
8W Outdoor Remote EM Kit White	EMO1080WRVWH[2]
NLC Long-Range Controller Node	NLCWPPA102AUXWC1
NLC Long-Range Sensor with Lens	NLCEFS106-WHBL

Recommended 0-10VDC Dimmers*

Lutron NTSTV
Lutron DVSTV
Cooper SF10P
Legrand RH4FBL3PW

**Not a complete list. Check compatibility before installation.*



NLCWPPA102AUXWC1



NLCEFS106-WHBL



H12V3SENSORMW1PWH



H12V3SENSORMW1PBG

Photometric Data

OUC5100 3000K

Input Voltage (VAC)	120
System Level Power (W)	101.3
120V Current (A)	0.84
277V Current (A)	0.37
Delivered Lumens (Lm)	14230
System Efficacy (Lm/W)	142
Correlated Color Temp (K)	3047
Color Rendering Index (CRI)	84
Horizontal Beam Angle (°)	129.5
Spacing Criteria (0-180)	1.10
BUG Rating	B3-U3-G3

CCT Data Multiplier

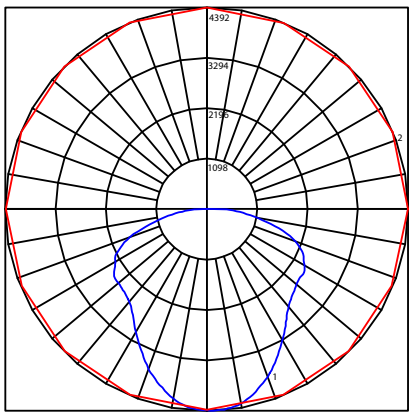
3000K	1.0
4000K	1.08
5000K	1.05

Wattage Multiplier

80	0.77
60	0.59

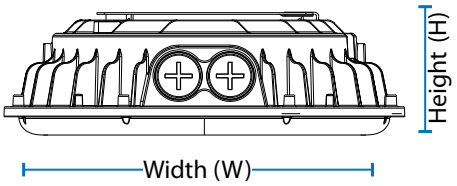
Zonal Lumen Summary

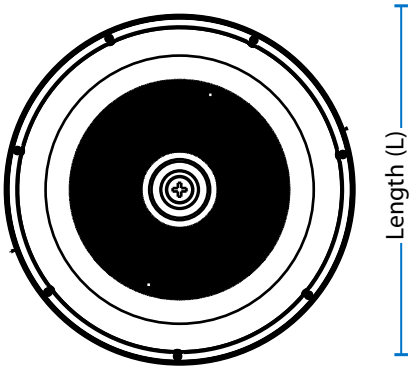
Zone	Lumens	%of Luminaire
0-30	3673	25.6%
0-40	5351	37.6%
0-60	9129	64.2%
0-90	13954	98.1%
90-180	276	1.9%
0-180	14230	100%



1 - Vertical Plane Through Horizontal Angle 2
2 - Horizontal Cone Through Vertical Angle

Dimensions





	100W
Fixture Length (L)	10.72 in (272 mm)
Fixture Width (W)	10.72 in (272 mm)
Fixture Height (H)	3.5 in (89 mm)
Fixture Weight	4.41 lbs (2.0 kg)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.