

FDLO SERIES MCT

ARCHITECTURAL OUTDOOR LIGHTING

FDLO-32-MCT5-BK

FDLO-32-MCT5-BN

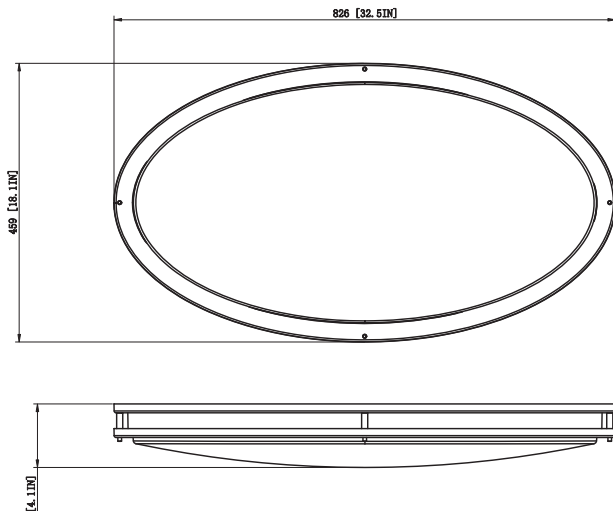
32" OVAL CEILING DOUBLE-RING FLUSH MOUNT



Black



Brushed Nickel



Technical Drawing: 4.1" (D) x 32.5" (W) x 8.1" (H)

The FDLO-32-MCT5 Series is a contemporary 32-inch oval double-ring LED flush mount designed for residential, hospitality, multifamily, and light commercial interiors. Its low-profile iron housing and polycarbonate lens provide a clean architectural appearance with soft, evenly distributed illumination. The fixture delivers 3,000 lumens with 90 CRI, five selectable color temperatures, and TRIAC dimming for adaptable lighting performance. Available factory-installed emergency, photocell, voltage, and sensor options allow the fixture to accommodate a wide range of project requirements.

Customer Name:

Project Name:

Note:

Type:

FEATURES:

- Contemporary oval double-ring architectural design
- Field-selectable color temperature
- Smooth TRIAC dimming at 120VAC
- High 90 CRI for accurate color rendering
- Factory-installed emergency backup available
- Factory-installed button photocell available
- Factory-installed 277V transformer available
- Factory-installed microwave occupancy sensor available
- Compatible with Westgate and Keilton network sensor options
- cETLus listed
- 5-year warranty

SPECIFICATIONS:

ELECTRICAL:

- 120VAC, 60 Hz
- 50W
- TRIAC dimming
- Power factor: >0.90
- THD: <30%
- DOB driver design
- Operating temperature: -4°F to 104°F

MECHANICAL:

- 32.5" oval double-ring flush-mount design
- Iron housing
- Polycarbonate lens
- Overall dimensions: 32.5" L x 18.1" W x 4.1" H
- Available finishes: Matte Black and Brushed Nickel
- IP44 rated
- Suitable for damp locations
- Ceiling-mounted installation
- Includes wire nuts and mounting screws

LIGHTING:

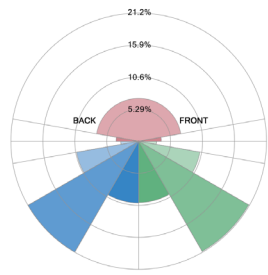
- 5CCT selectable: 2700K / 3000K / 3500K / 4000K / 5000K
- 3,000 lumens
- 90 CRI
- 120° beam angle
- 50,000-hour rated life

APPLICATIONS:

- Ideal for commercial, hospitality, residential, and institutional interiors, this 32" oval double-ring flush mount provides modern ambient illumination for lobbies, corridors, offices, conference rooms, schools, healthcare facilities, and multi-family common areas. Its decorative dual-ring design delivers uniform, glare-free lighting while enhancing contemporary ceiling aesthetics.

PHOTOMETRIC:

BUG rating



Rating: B1 U3 G1

Forward Light

Low (0-30°)	287.6	10.1%
Medium (30-60°)	597	21.0%
High (60-80°)	292.2	10.3%
Very High (80-90°)	83.93	2.96%

Back Light

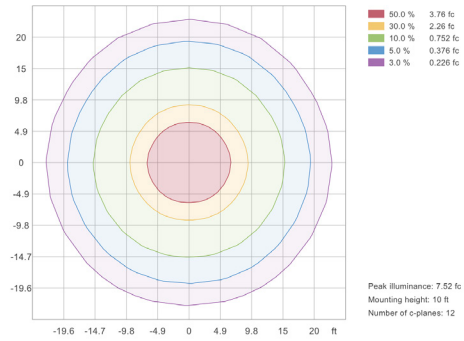
Low (0-30°)	289.6	10.2%
Medium (30-60°)	601.2	21.2%
High (60-80°)	296.5	10.4%
Very High (80-90°)	84.39	2.97%

Uplight

Low (90-100°)	106.3	3.75%
High (100-180°)	200.9	7.08%
Total	2840	100%

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG Rating: B1-U3-G1



Area 20'x 20' Mounting Height: 10'

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP	LPW
FDLO-32-MCT5-BK FDLO-32-MCT5-BN	48W	3000LM	2700K 3000K 3500K 4000K 5000K	62.5LM/W

FACTORY-INSTALLED OPTIONS

MODEL NO.	DESCRIPTION	IMAGE
OPT-EM-FDL-18	Internal emergency backup	
OPT-PC-FM	Button photocell	
OPT-277V-FDL-18	Internal 277V transformer	
OPT-SEN-2US	Microwave occupancy sensor	
OPT-SEN-NLS-FDL	Westgate network sensor	
OPT-SEN-KEILTON-FDL	Keilton network sensor	