

ORDX5

Open Rated Exterior Downlight



PROJECT:

TYPE:

Features

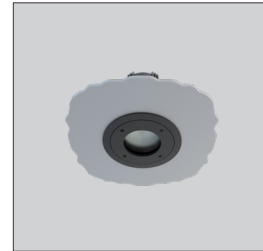
Exterior rated recessed downlight suitable for open (*uncovered*) canopies or structures with direct exposure to the elements.

Product Overview

Type:	Exterior Downlight
Wattage:	10W, 16W
Lumen Output:	1410 (4000K, 90+ CRI)
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	80 or 90+ typ.
Dimming:	TRIAC/ELV, 0-10V, PWM



ORDX5



Certifications



Assembled in the USA

Fixture Summary

Construction:

- Cast aluminum top housing with integral driver.
- Dust and water tight (*IP66*) sealed optical chamber.
- Die-cast aluminum trim and faceplate.
- Dark colored faceplates have black oxide coated stainless screws. Silver & White finishes use standard stainless steel.

Finish:

- Architectural grade polyester powdercoat.

Optics:

- Beam Spread: 15°, 20°, 40°, 60°
- CCT: 2700K, 3000K, 3500, 4000K
- CRI: 80 or 90+ typ.
- Polycarbonate TIR optic with white backing for maximum efficacy.
- Field-changeable optic.

Electrical:

- Integral LED driver included, 120-277V.
- Primary wiring compartment with power supply.
- Standard driver supports (4) different dimming protocols (*TRIAC/ELV/0-10V/PWM*).
- Dimming percentage less than 1% - All dimming methods.
- Double cable entry for through wiring.

Mounting:

- Swing out pressure fit stainless steel mounting clips.
- Adjustable from 0.07" to 1.25" ceiling thickness.
- Ceiling cutout: 4.65" dia.

Lifespan

- Estimated 50,000+ hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Listings

- UL listed for wet locations (*suitable for use in open or uncovered applications*).

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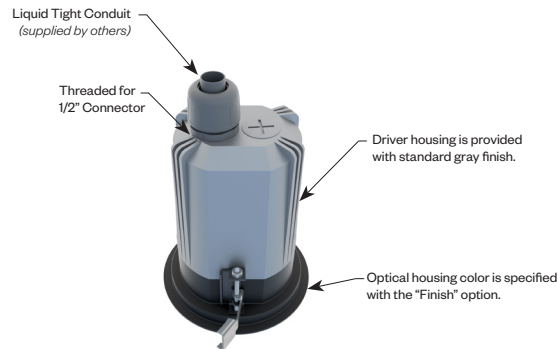
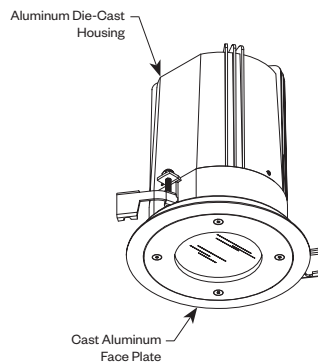
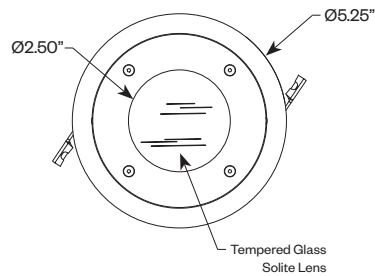
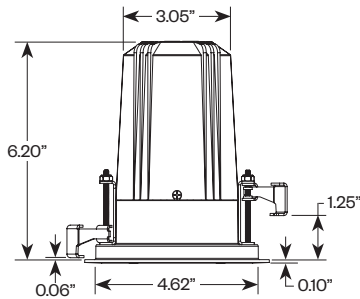
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Ordering Information

ORDX5					
1	2	3	4	5	6
1 Model	2 Wattage	3 CCT/CRI	4 Beam Spread	5 Finish	6 Driver
ORDX5	10 10W 16 16W	27 2700K/80 CRI 30 3000K/80 CRI 35 3500K/80 CRI 40 4000K/80 CRI 279 2700K/90 CRI 309 3000K/90 CRI 359 3500K/90 CRI 409 4000K/90 CRI	15D spot 20D narrow 40D medium 60D wide	BLK black WHT white SLV silver CLB classic bronze CSTM custom, consult factory	UDM universal 4 in 1 dimming TRIAC/ELV/0-10V/PWM

Product Details



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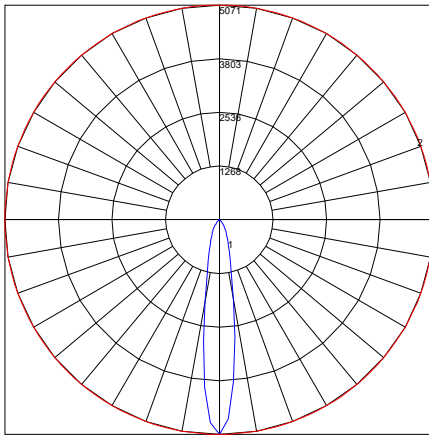
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Performance Data - Luminaire Lumens

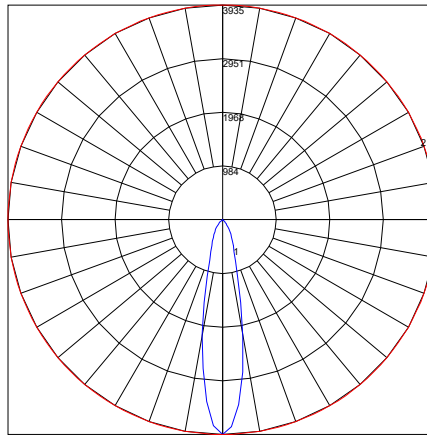
Wattage	Beam Spread Nominal Degrees	CCT (80CRI)			
		2700K	3000K	3500K	4000K
10W	15D (Spot)	937	967	987	1018
	20D (Narrow)	930	960	981	1011
	40D (Medium)	994	1026	1048	1080
	60D (Wide)	1116	1153	1177	1213
16W	15D (Spot)	1218	1257	1284	1323
	20D (Narrow)	1209	1249	1275	1314
	40D (Medium)	1292	1334	1362	1404
	60D (Wide)	1451	1498	1530	1577

Performance Data - Polar Curves

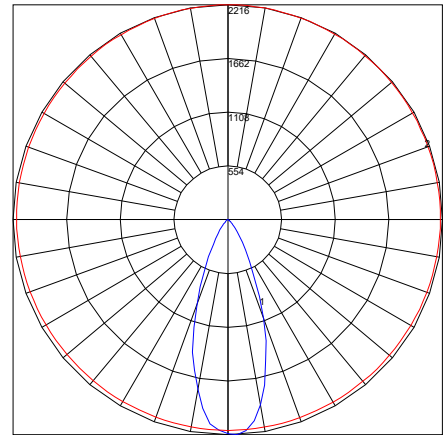
ORDX5-10-40-15D



ORDX5-10-40-20D



ORDX5-10-40-40D



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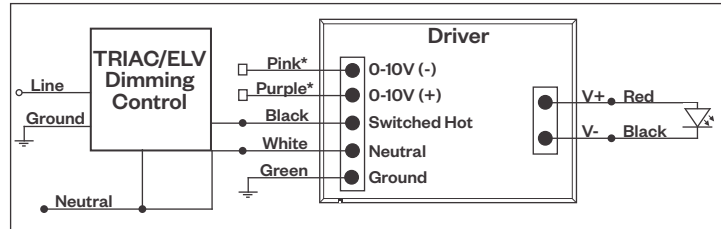
Dimming Compatibility

Amerlux® ORDX5 fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (*Dimmer, Fixture Quantity, Voltage, etc*) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

TRIAC (Forward Phase) Dimming or ELV - Electronic Low Voltage (Reverse Phase) Dimming

TRIAC or ELV Wiring Diagram



* Pink & Purple wires are not used for TRIAC/ELV dimmer.

Notes:

- TRIAC/ELV dimming at 120V only (dimming to 1%)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

0-10V - Dimming

Integrates into a variety of building management and daylighting controls

Notes:

- 0-10V dimming at 120V or 277V* (dimming to 2%)
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring Diagram

