

# LUMUX

## UP/DOWN LUMINAIRES UD900

DATE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 FIRM: \_\_\_\_\_  
 CATALOG NO.: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_

Lumux UD900 is a precision engineered architectural LED surface-mount luminaire offering a variety of lighting configurations including uplight or downlight (18W) and combined up/down light (32W).

The fixture is constructed with the highest quality of specification grade materials and components made from diecast aluminum with no visible hardware, while a shielded light source enhances visual comfort.



UD900

**Housing:** Heavy-duty construction of corrosion resistant, low-copper die cast aluminum, secured with vandal resistant, stainless-steel screws.

**Lens:** 1/8" thick shatter-proof clear glass diffuser.

**Mounting:** Surface mounting to wall or column.

**Installation:** Mounting canopy covers any standard J-Box with a mounting bracket.

**Finish:** Zinc-polyester powdercoat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

**Driver:** Constant current and universal input voltage 120-277v, starting temperature rated at -20°F. 0-10v dimming available.

**Gasket:** Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

**Protection Class:** IP65, ETL Listed for wet locations.

**CRI:** 80

**Warranty:** 5 year limited warranty.

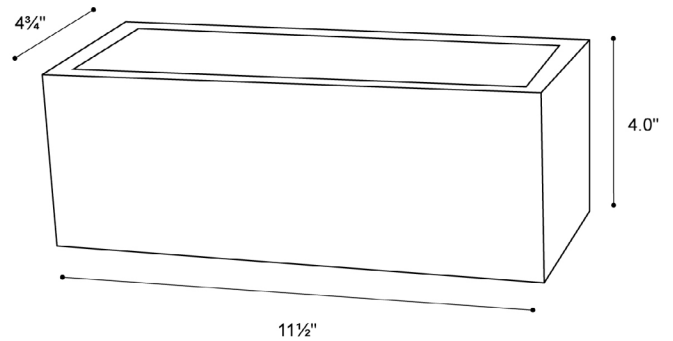
**Delivered Lumens & Wattage per color temperature:**

	2700K	3000K	3500K	4000K	WATTS
Up	450	450	500	500	18W
Down	450	450	500	500	18W
Up / Down	900	900	1000	1000	32W

For other lumen packages and color temperatures, please consult with the Lumux sales team.



**Luminaire Housing Dimensions:**



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## UP/DOWN LUMINAIRES UD900

UD900 features high-efficacy wall-mount uplight, downlight & up/down light models with optional 0-10v dimming & color temp options.

### Ordering Guide

Catalog No.	LED Color	Color Temp <sup>1</sup>	Voltage	Finish	Options <sup>2</sup>
UD900	White	2700K	120-277v	Black	<input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Wall up / down light <input type="checkbox"/> Wall downlight only <input type="checkbox"/> Wall uplight only
		3000K		White	
		3500K		Silver	
		4000K		Bronze	
				Custom RAL <sup>2</sup>	

<sup>1</sup>Consult factory for additional options;

<sup>2</sup>Consult factory for additional pricing.

Catalog No.: \_\_\_\_\_

Performance Specifications	
Flux 1,000 lm (4000K)	LER 32 lm/W (4000K)
Power 32W	120-277v input voltage
Starting temp. rated to -20°F	
Dimmable driver (0-10v) option	
Lumen Depreciation*: L70 60,000 hrs	

Environmental Specifications	
BUG Rating B0-U4-G0	Zero uplight for downlight model
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area: 0.5 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA



### Luminaires in this series



UD800



UD900

\*Lumen Depreciation Report: Osram  
Test Documentation No.: DURIS E 2835

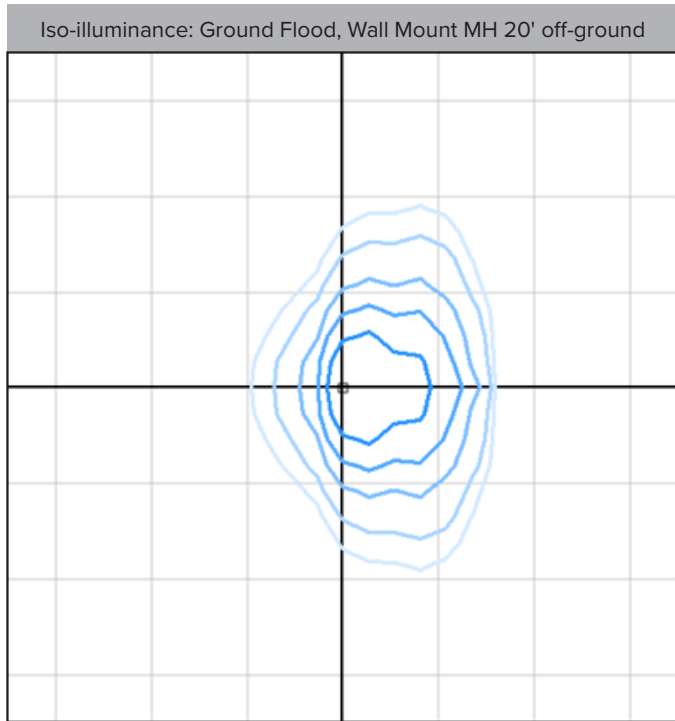
# LUMUX

## UP/DOWN LUMINAIRES UD900 - UP / DOWN LIGHT CONFIGURATION

DATE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 FIRM: \_\_\_\_\_  
 CATALOG NO.: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_

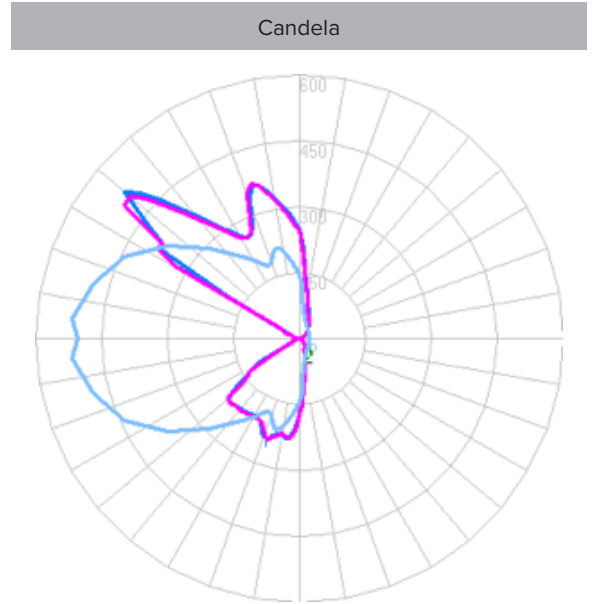
Photometry	IESNA: LM-63-2002
TEST: 14626184.05	TEST LAB: UL Verification Svs
LUMINAIRE: UD900	DATE: 2023-01-09
IES Classification: N.A.	Longitudinal Class: N.A.
Luminaire Lumens	1004 (4000K)
Luminaire Efficacy Rating (LER)	32 lm/W
Total Luminaire Watts	31.83W
Upward Waste Light Ratio	0.63
Max. Candela	519.2
Max. Cd. < 90° Vertical	240.2
Max. Cd. (At 90 Deg. Vert.)	1.1 (0.1% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	10.8 (1.1% Luminaire)
Cutoff Classification: N.A.	B0-U4-G0

Technical aspects may change without notice.



Foot-candles: 0.1, 0.2, 0.5, 1, 2 | Grid spacing 5'

Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	26.9	2.7
FM	(30-60)	28.3	2.8
FH	(60-80)	7.3	0.7
FVH	(80-90)	0.8	0.1
BL	(0-30)	87.2	8.7
BM	(30-60)	182.5	18.2
BH	(60-80)	36.5	3.6
BVH	(80-90)	1.0	0.1
UL	(90-100)	1.9	0.1
UH	(100-180)	631.8	62.9
Total		1004	100

