

LUMUX

UP / DOWN LIGHT

UD500

DATE: _____
PROJECT: _____
FIRM: _____
CATALOG NO.: _____
COMMENTS: _____



The UD500 luminaire from Lumux is a high performing up/downlight wall pack, precision engineered for durability and performance.

UD500 is a high performing wall pack. Ideal for illuminating walkways, porches, porticos and walls, UD500 is a powerful outdoor LED solution. UD500 features a diecast aluminum housing with a shielded light source to enhance visual comfort, with photocell and occupancy sensor options, and an optional integral battery pack delivering 1,000 lm over 90 min. UD Series luminaires are energy-efficient for long-lasting indoor and outdoor applications.

2,900 lm **35** w up to **83** lm/W

LUMUX

UP / DOWN LIGHT UD500

UD500 is a high-efficacy wall pack with uplight and downlight options, integrated 0-10v dimming, and IBP and turtle-friendly Amber-TF options.

Ordering Guide

Catalog No.	Wattage	LED Color	Color Temp ¹	Voltage	Finish	Options ²
UD500	35W	White Amber-TF	2700K 3000K 3500K 4000K	120-277v	Black White Silver Bronze Custom RAL ²	<input type="checkbox"/> Uplight & Downlight <input type="checkbox"/> Uplight only <input type="checkbox"/> Downlight only <input type="checkbox"/> Photocell <input type="checkbox"/> Occupancy Sensor <input type="checkbox"/> Integral Battery Pack

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
Flux 2,900 lm (4000K)	LER 83 lm/W (4000K)
Power 35W	120-277v input voltage
Starting temp. rated to -20°F	Photocell option
Integrated 0-10v Dimming	Occupancy Sensor option
Lumen Maintenance*: L70 > 60K hrs	Integral Battery Pack option

Environmental Specifications	
Downlight BUG Rating B1-U0-G0	Amber-TF turtle-friendly option
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area: 1 sq.ft.	Marine Grade option
5-year limited warranty	Made in the USA

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
UD500	2900 lm	2900 lm	2900 lm	2900 lm	35W
IBP	1000 lm	1000 lm	1000 lm	1000 lm	10W

For higher lumen packages, please consult the Lumux sales team.

Housing: Heavy-duty construction of corrosion resistant, low-copper diecast aluminum, enclosing a glass optic and anodized aluminum reflector with a step baffle frame, secured with vandal resistant, stainless steel screws.

Lens: Sealed one-piece shatter-proof clear glass optic.

Gasket: Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 - ETL listed for wet-locations.

Mounting: Surface mounted to wall or column. Mounting bracket provided fits any standard 3" or 4" junction box.

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

Light Engine: Constant Current driver with integrated 0-10v dimming, powering high quality LEDs.



*Lumen Maintenance Report: Nichia
Test Documentation No.: NFSW757GT-V3

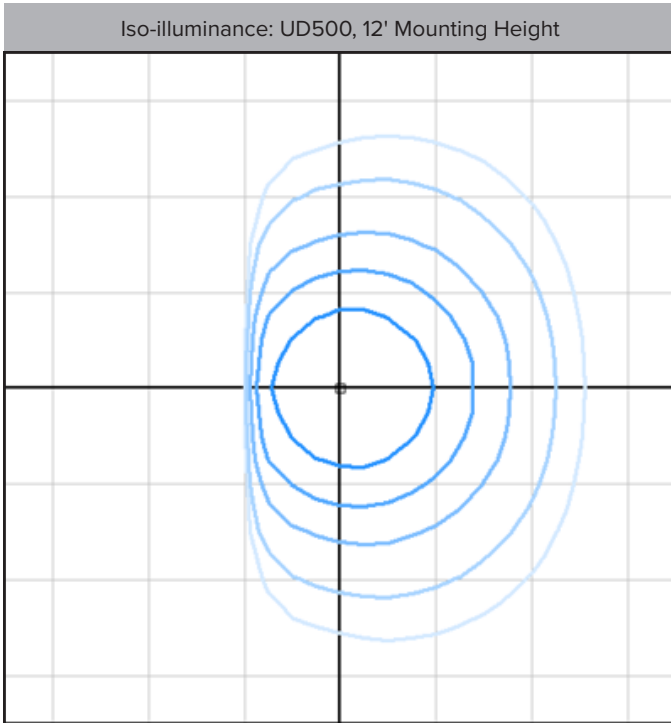
LUMUX

UP / DOWN LIGHT

UD500

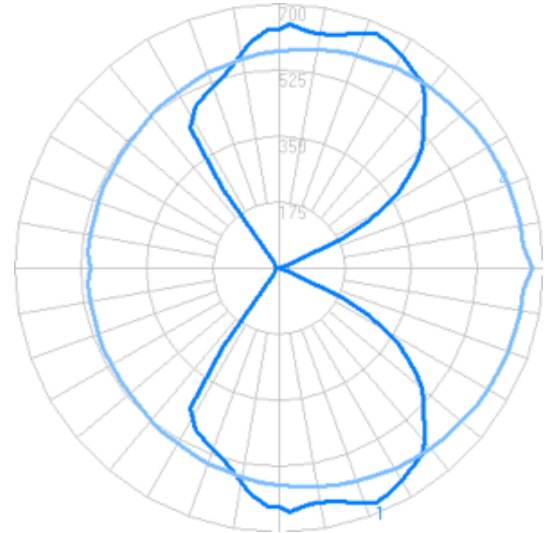
Photometry	IESNA: LM-63-2002
TEST: L052313301	TEST LAB: Lighting Lab. Inc.
LUMINAIRE: UD500	DATE: 2023-06-13
IES Classification: N/A	Longitudinal Class: N.A.
Luminaire Lumens	2897 (4000K)
Luminaire Efficacy Rating (LER)	83 lm/W
Total Luminaire Watts	34.89W
Upward Waste Light Ratio	0.50
Max. Candela	672
Max. Cd. < 90° Vertical	672
Max. Cd. (At 90 Deg. Vert.)	3 (0.1% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	33 (1.1% Luminaire)
Cutoff Classification: N.A.	B1-U5-G0

Technical aspects may change without notice.



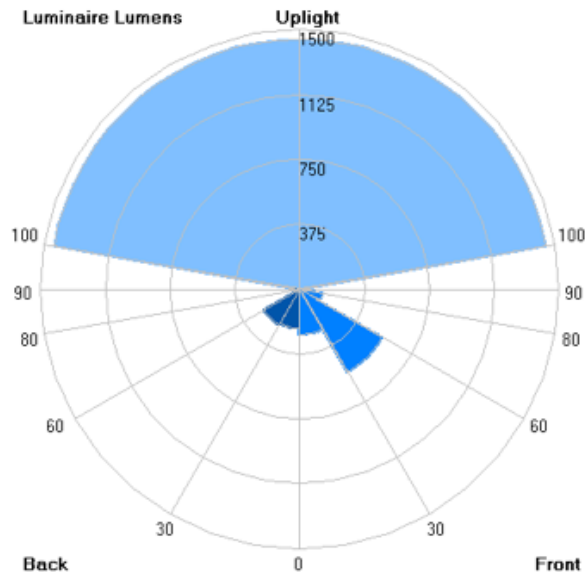
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

Axial Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	263.0	9.1
FM	(30-60)	552.9	19.1
FH	(60-80)	133.2	4.6
FVH	(80-90)	2.2	0.1
BL	(0-30)	227.8	7.9
BM	(30-60)	240.2	8.3
BH	(60-80)	27.1	0.9
BVH	(80-90)	1.9	0.1
UL	(90-100)	4.1	0.1
UH	(100-180)	1444.2	49.9
Total		2897	100



Content of specification sheet subject to change

LUMUX

LUMINAIRES IN THE COLLECTION

UP & DOWN LIGHTS - RECTANGULAR



DL800
5" housing



UD800
5" housing



UD440
10 1/4" housing



UD900-12
12" housing



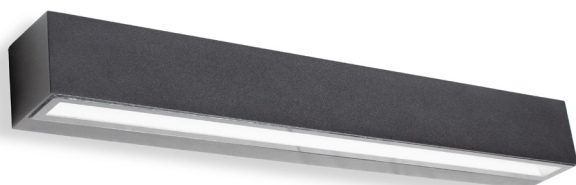
DL300
6 1/2" wall pack



UD900-15
15" housing



DL300-IBP
11 3/4" wall pack w/ IBP option



UD900-20
20" housing



UD500
16" wall pack w/ IBP option