

LUMUX

DOWN LUMINAIRES

DL500

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



DL Series luminaires from Lumux are elegant architectural downlights, precision engineered for durability and performance.

DL500 offers a distinctively contemporary, minimalist design. Ideal for illuminating understory walkways, porches, or porticos, DL500 is a powerful outdoor LED solution. DL500 features a diecast aluminum housing with a shielded light source to enhance visual comfort, and an optional integral battery pack delivers 1,000 lm over 90 min. DL Series downlights are energy-efficient for long-lasting indoor and outdoor applications.

3,500 lm **35** w up to **102** lm/W

LUMUX LIGHTING

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Content of specification sheet subject to change

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DOWN LUMINAIRES DL500

DL500 is a high-efficacy integrated 0-10v dimming downlight, with integral emergency battery pack and turtle-friendly Amber-TF options.

Ordering Guide

Catalog No.	Wattage	LED Color	Color Temp ¹	Voltage	Finish	Options ²
DL500	35W	White Amber-TF	2700K 3000K 3500K 4000K	120-277v	Black White Silver Bronze Custom RAL ²	<input type="checkbox"/> Integral Battery Pack

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
Flux 3,500 lm (4000K)	LER 102 lm/W (4000K)
Power 35W	120-277v input voltage
Starting temp. rated to -20°F	Integral Battery Pack option
Integrated 0-10v Dimming	
Lumen Maintenance*: L90 > 100K hrs	

Environmental Specifications	
BUG rating: B2-U0-G0	Amber-TF turtle-friendly option
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area: < 0.3 sq. ft.	Marine Grade option
5-year limited warranty	Made in the USA

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
DL500	3200 lm	3400 lm	3450 lm	3500 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 diffuser.

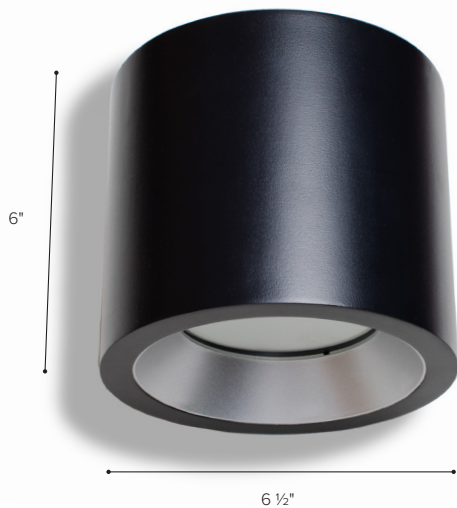
Gasket: Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 - ETL listed for wet-locations.

Mounting: Ceiling mounted. 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.

Integral Battery Pack: Optional emergency 10W IBP provides 1,000 lumens with 90 minute battery life.



Dimensions

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

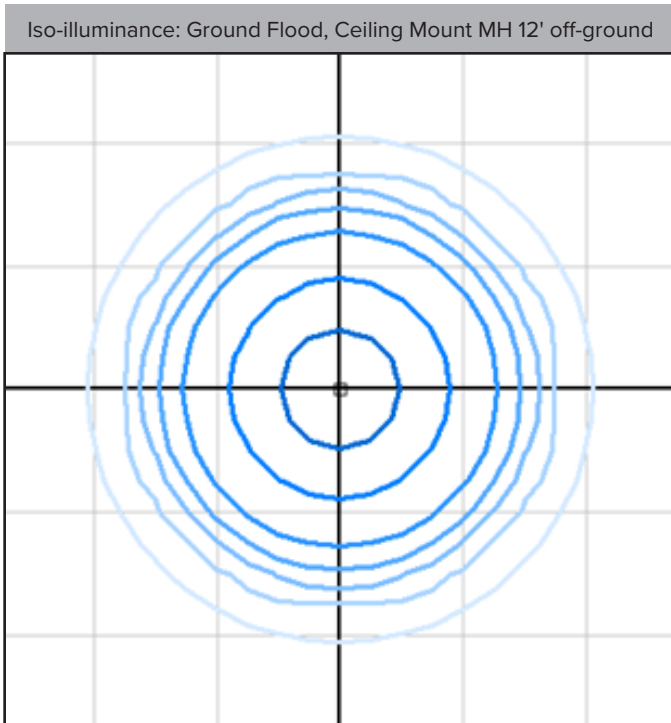
Content of specification sheet subject to change

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DOWN LUMINAIRES DL500

Photometry	IESNA: LM-63-2002
TEST: L042310403	TEST LAB: Light Laboratory Inc.
LUMINAIRE: DL100	DATE: 2023-04-12
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	3575 (4000K)
Luminaire Efficacy Rating (LER)	102 lm/W
Total Luminaire Watts	35.05W
Upward Waste Light Ratio	0.0
Max. Candela	2250
Max. Cd. < 90° Vertical	2250
Max. Cd. (At 90 Deg. Vert.)	0 (0.0% Luminaire)
Max. Cd. (80 to <90 Deg. Vert.)	16.5 (0.5% Luminaire)
Cutoff Classification: N.A.	BUG rating B2-U0-G0

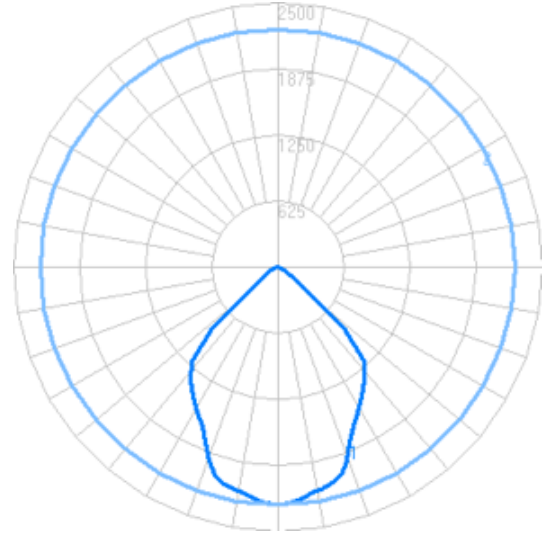
Technical aspects may change without notice.



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10 | Grid spacing 10'

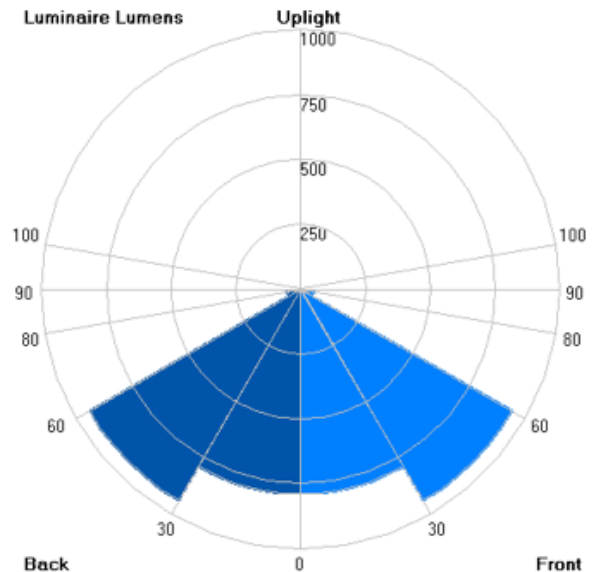
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	789.5	22.1
FM	(30-60)	940.6	26.3
FH	(60-80)	52.6	1.5
FVH	(80-90)	5.0	0.1
BL	(0-30)	789.5	22.1
BM	(30-60)	940.6	26.3
BH	(60-80)	52.6	1.5
BVH	(80-90)	5.0	0.1
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		3575	100



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LUMUX

UP & DOWN LIGHTS LUMINAIRES IN THE COLLECTION



DL100



DL500



UD110



UD410



UD420



UD430



UD440