

OBE

PENDANT

Lumenwerx



The Obe collection is composed of three fixtures - Obe Opal, Obe Hex, and Obe Prism - each sharing the same curved shade profile while offering a distinct low-glare optical effect. Available in multiple shade sizes and premium brushed metallic finishes, Obe luminaires can be specified for intimate settings or arranged into larger decorative compositions.

Light Source

Static White

SOLA

DUO



Optics

HLO

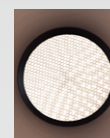
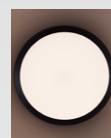
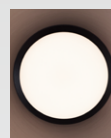
Obe Opal

PMO

Obe Prism

HEX

Obe Hex



Brochure



Pivot Obe
Module

OBE

PENDANT



Project: _____

Type: _____

Order Guide - Static White

For SOLA Dim-to-Warm and DUO Tunable White order guide, see page 3

LUMINAIRE ID	SIZE	SHADE FINISH ¹	MODULE FINISH	BAFFLE FINISH	OPTIC
OBE				FTMB	
OBE - Obe	8IN - Ø 8" shade with 2" module 12IN - Ø 12" shade with 3" module 18IN - Ø 18" shade with 4" module	FTMB - Matte black FTMW - Matte white CF# - Custom finish, specify RAL# <u>Premium colors</u> FBS - Brushed brass FCP - Brushed copper FBCH - Brushed champagne ¹ See page 6 for more finish options.	FTMB - Matte black GLDA - Anodized gold	FTMB - Matte black	HLO - High-Efficiency Lambertian Optic PMO - Precision Micro-Prism Optic HEX - Hex louver

LIGHT SOURCE	CRI	LUMEN PACKAGE		COLOR TEMP.	VOLTAGE	DIMMING	
SW							
SW - Static white	80CRI - 80+ CRI 90CRI - 90+ CRI	Ø 8"	300LM - 300 lm	18K - 1800K 22K - 2200K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	120V - 120V 277V - 277V UNV - 120V-277V 347V ² - 347V ² Available with RD1 driver only. Please consult factory.	CANOPY DRIVER	REMOTE DRIVER ⁶
		Ø 12"	600LM - 600 lm			D1 - 1% 0-10V ELV ³ - ELV 120V TRI ³ - TRIAC 120V DA ^{4,5} - DALI ELD0 ⁴ - eldoLED 0.1% 0-10V ELD1 ⁴ - eldoLED 1% 0-10V	RD1 - 1% 0-10V RELV ³ - ELV 120V RTRI ³ - TRIAC 120V RLDE1 ⁵ - Lutron Hi-lume 1% Eco RDA ⁵ - DALI RELD0 - eldoLED 0.1% 0-10V RELD1 - eldoLED 1% 0-10V +EB ^{7,8} - Emergency battery
		Ø 18"	900LM - 900 lm				

CANOPY TYPE ⁹	CANOPY FINISH ¹²	CORD GRIPPER ¹³	SUSPENSION
FLR - Flat round canopy, 4" octagonal junction box CDR - Conduit feed, round canopy DMNC ¹⁰ - Direct mount, new construction DMRM ^{10,11} - Direct mount, remodel DR - Deep round canopy ⁹ See page 5 for details. ¹⁰ Only available with remote driver. ¹¹ Single wiring entry only. No daisy chain connections allowed.	FTMB - Matte black FTMW - Matte white CF# - Custom finish, specify RAL# ¹² See page 6 for more finish options.	FTMB - Matte black FTMW - Matte white CF# - Custom finish, specify RAL# ¹³ See page 6 for more finish options.	POWER CORD ¹⁴ BPC###IN - Black PVC WPC###IN - White PVC ¹⁴ Min 18" - max 72", specify length (##) in inches.



Project: _____

Type: _____

Order Guide - SOLA Dim-to-Warm and DUO Tunable White

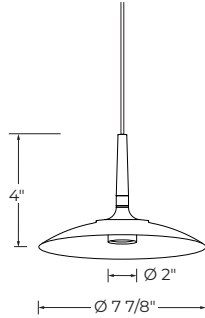
For static white order guide, see page 2

LUMINAIRE ID	SIZE	SHADE FINISH ¹	MODULE FINISH	BAFFLE FINISH	OPTIC	LIGHT SOURCE
OBE				FTMB		
OBE - Obe	8IN - Ø 8" shade with 2" module 12IN - Ø 12" shade with 3" module 18IN - Ø 18" shade with 4" module	FTMB - Matte black FTMW - Matte white CF# - Custom finish, specify RAL# <u>Premium colors</u> FBS - Brushed brass FCP - Brushed copper FBCH - Brushed champagne ¹ See page 6 for more finish options.	FTMB - Matte black GLDA - Anodized gold	FTMB - Matte black	HLO - High-Efficiency Lambertian Optic PMO - Precision Micro-Prism Optic HEX - Hex louver	SOLA - Dim-to-warm single channel control DUO - Tunable white 2-channel control

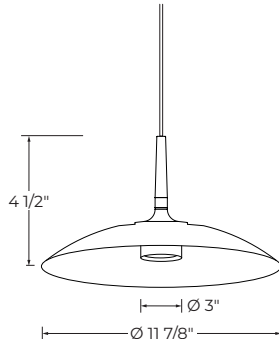
CRI	LUMEN PACKAGE	COLOR TEMP.	VOLTAGE	DIMMING
90CRI				
90CRI - 90+ CRI	Ø 8" 300LM - 300 lm Ø 12" 600LM - 600 lm Ø 18" 900LM - 900 lm	<u>SOLA</u> 30K18K - 3000K to 1800K 27K18K - 2700K to 1800K <u>DUO</u> 65K27K - 6500K to 2700K 50K27K - 5000K to 2700K	120V - 120V 277V - 277V UNV - 120V-277V	REMOTE DRIVER² <u>SOLA³</u> RSD1 - Single 0-10V input RSDA⁴ - DALI <u>DUO</u> RDMX⁴ - DMX RDDA⁴ - DALI DT6 RDDA8⁴ - DALI DT8 RDD1 - Dual 0-10V input for CCT/intensity RLD2⁴ - Lutron DALI-2 digital ² A remote driver box is provided. ³ Consult factory for ELV/TRIAC. ⁴ On-site commissioning is required.

CANOPY TYPE ⁵	CANOPY FINISH ⁷	CORD GRIPPER ⁸	SUSPENSION
FLR - Flat round canopy, 4" octagonal junction box CDR - Conduit feed, round canopy DMNC - Direct mount, new construction DMRM⁶ - Direct mount, remodel DR - Deep round canopy ⁵ See page 5 for details. ⁶ Single wiring entry only. No daisy chain connections allowed.	FTMB - Matte black FTMW - Matte white CF# - Custom finish, specify RAL# ⁷ See page 6 for more finish options.	FTMB - Matte black FTMW - Matte white CF# - Custom finish, specify RAL# ⁸ See page 6 for more finish options.	POWER CORD⁹ BPC###IN - Black PVC WPC###IN - White PVC ⁹ Min 18" - max 72", specify length (##) in inches.

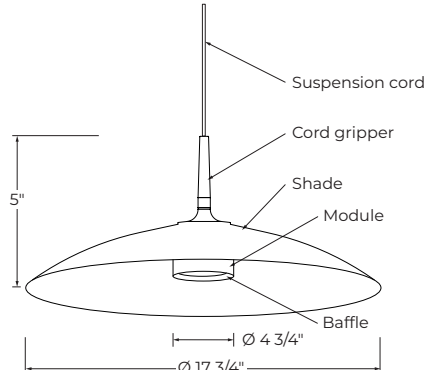
Dimensions



8IN - Ø 8"

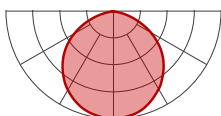


12IN - Ø 12"

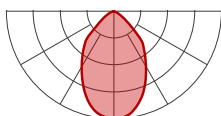


18IN - Ø 18"

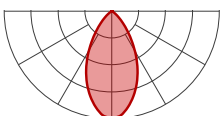
Photometrics



HLO



PMO



HEX

STATIC WHITE
Values calculated based on 3500K.

SIZE	LM	HLO		PMO		HEX	
		W	LM/W	W	LM/W	W	LM/W
Ø 8"	300	5.5	55	5.5	55	6.2	48
Ø 12"	600	11	55	7.3	82	11.4	53
Ø 18"	900	16.5	55	11.9	76	17.2	52

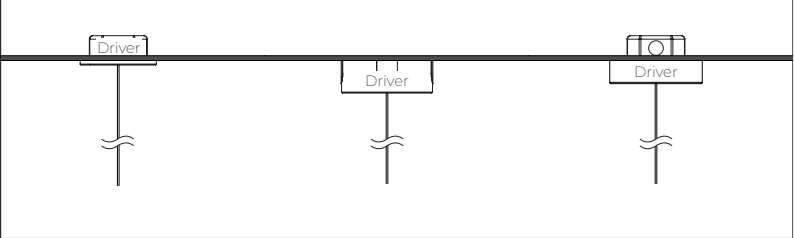
SOLA/DUO
Values calculated at high end CCT.

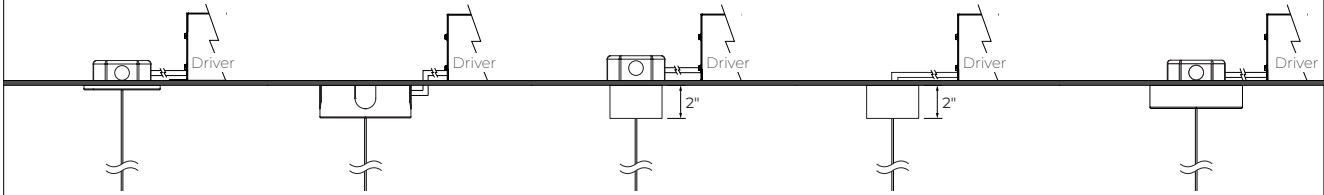
SIZE	LM	HLO		PMO		HEX	
		W	LM/W	W	LM/W	W	LM/W
Ø 8"	300	5.6	54	4	75	5.8	52
Ø 12"	600	11.5	52	7.5	80	12	50
Ø 18"	900	16.6	54	11	82	17.6	51

Multiplier - CCT

CCT	
1800K	1.19
2200K	1.07
2700K	1.02
3000K	1.00
3500K	1.00
4000K	0.97
5000K	0.97

Mounting

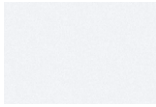
CANOPY DRIVER			
Order code	FLR Flat round canopy, 4" octagonal junction box	CDR Conduit feed, round canopy	DR Deep round canopy
Canopy type			
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	Ø 5 5/8" Height 1 3/8"

REMOTE DRIVER						
Order code	FLR Flat round canopy, 4" octagonal junction box		CDR Conduit feed, round canopy	DMNC Direct mount, new construction	DMRM Direct mount, remodel	DR Deep round canopy
Canopy type						
Canopy size	Ø 4 1/2" Height 3/8"		Ø 5 1/2" Height 1 15/16"	Ø 3 1/8" Height 2"		Ø 5 5/8" Height 1 3/8"

Single wiring entry only. No daisy chain connections allowed.

Finishes

Standard



FTMW - Matte White



FTMB - Matte Black

Premium



FBS - Brushed
brass



FCP - Brushed
copper



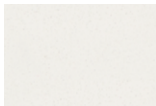
FBCH - Brushed
champagne



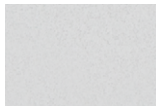
GLDA - Anodized
Gold

Custom

Neutrals



CRM - Cream



GRY - Gray



STG - Steel Gray

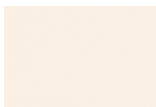


SAG - Sage Gray



BLB - Black Blue

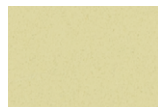
Designer



ALM - Almond



RST - Rust Fine
Texture



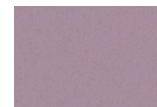
GRB - Green Beige



YLW - Yellow



SLM - Salmon Pink



VIO - Pastel Violet



RED - Red



PRR - Purple Red



SMB - Storm Blue



DPB - Deep Blue



OCB - Ocean Blue



BLG - Blue Green

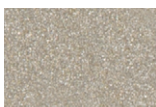


GNS - Green Smoke

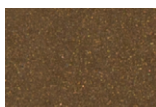


MNG - Mint Green

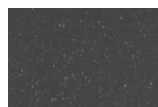
Metallics



CHP - Champagne



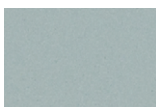
DBZ - Dark Bronze



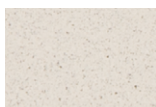
CNY - Canyon

Premium Custom

Neutrals



MOG - Moss Gray



QRZ - Quartzite
Texture



LMG - Lime Green



GLD - Gold



IRN - Iron Ore



SBP - Sandblast
Copper



SWD - Sandalwood

Some colors may have longer lead time.

Technical Specifications

OPTIC

High-Efficiency Lambertian Optic (HLO)

Obe Opal features a High-Efficiency Lambertian Optic. The opal lens provides wide, uniform distribution with excellent visual comfort.

Precision Micro-Prism Optic (PMO)

Obe Prism features a Precision Micro-Prism Optic engineered to provide controlled distribution and increased center intensity.

Hex louver (HEX)

Obe Hex features a hex louver. The hexagonal lens structure ensures precise light cut-off and visual comfort.

LIGHT SOURCE

Static white

Custom array of mid-flux LEDs available in 1800K, 2200K, 2700K, 3000K, 3500K, 4000K, and 5000K, and 90+ CRI with elevated R9 value. Color consistency is maintained to within 2 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

Chromawerx SOLA

Chromawerx SOLA is single-channel control that dims output while warming the color temperature in a pre-determined relationship. The color temperature range can be specified from the following options: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K. A simple analog control adjusts a specially populated LED array to emulate the effect of dimming a filament source.

Chromawerx DUO

Chromawerx DUO offers a two-channel control system which uses analog or digital protocols for synchronous control of both cool to warm LED arrays - maintaining a CRI above 90. The color temperature range can be specified from the following options: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K. The range of color DUO offers is useful for entraining circadian rhythms, stimulating alertness, and compensating for jet lag among other applications. The Chromawerx drivers are programmed to limit maximum light output and power usage across all color temperatures. When paired with DALI drivers (DDA/DDA8), color tuning follows a linear dimming curve.

ELECTRICAL

Unless otherwise specified, dimming down to 1%. At maximum driver load: efficiency > 84%, PF > 0.9, THD < 20%. ELV and TRIAC dimming performance (including minimum dimming percentage) subject to dimmer selection.

Canopy driver: 1% 0-10V, ELV, TRIAC, DALI, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V

Remote driver: 1% 0-10V, ELV, TRIAC, Lutron Hi-Lume 1% EcoSystem, DALI, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, DMX, Lutron DALI-2 digital

Emergency Battery Option: Remotely-installed, long-life, high-temperature, maintenance-free, Bodine Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. IOTA and Fulham options available upon request. Minimum of 90 minutes operation, and recharge time of 24 hours. For fixtures less than 10W, the battery provides 6W of emergency light output. For fixtures 10W and over, the battery provides 10W.

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire, or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

FINISH

Standard powder-coat paint available in matte white and black. Custom colors are also available.

CONSTRUCTION

Housing: Die-cast and extruded aluminum

Power cord: Black and white PVC, 18" to 72" standard length

Canopy: Flat, conduit feed, direct, and deep

WEIGHT

8" 0.82 lbs - 0.37 kg

12" 1.35 lbs - 0.61 kg

18" 3.08 lbs - 1.39 kg

CERTIFICATION

ETL: Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.