

SLIGHT RECESSED

DIRECT



MPO
Micro-Prism Optic

DPO
Diamond Prism Optic
(BDPO / GDPO)

HLO
High-Efficiency
Lambertian Optic

The Slight collection comprises miniature linear luminaires equipped with a remote driver. Slight fixtures deliver precise, glare-controlled illumination, ensuring exceptional visual comfort. They are suitable for drywall, grid, and wood slat ceiling applications.

SENSORS
For latest
information
on sensors,
click [here](#).



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Project: _____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIBUTION	OPTIC	LIGHT SOURCE	CRI
SLIR	D			
SLIR - Slight Recessed	D - Direct	HLO - High-Efficiency Lambertian Optic BDPO - Matte Black Diamond Prism Optic GDPO - Graphite Diamond Prism Optic MPO - Micro-Prism Optic	SW - Static white FS - Full spectrum	80CRI ¹ - 80 CRI 90CRI ¹ - 90 CRI 95CRI ² - 95 CRI ¹ Not available with full spectrum. ² Available with full spectrum only.

LUMEN PACKAGE	COLOR TEMPERATURE	LUMINAIRE LENGTH	VOLTAGE
200LMF - 200 lm/ft 350LMF - 350 lm/ft 500LMF - 500 lm/ft 600LMF - 600 lm/ft	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	#FT#IN ³ - Specify the total nominal length (#) in 1' and/or 1" increments Standard nominal lengths: Single units: 2' to 8' Continuous runs: lengths over 8' ³ See page 3 for actual dimensions.	120V - 120V 277V - 277V UNV - 120V-277V 347V ⁴ - 347V ⁴ Available with RD1 driver only.

DRIVER ⁵	ELECTRICAL	MOUNTING	FINISH
	1C	DMF	
REMOTE RD1 - 1% 0-10V RDA ⁶ - DALI RLDE1 ⁶ - Lutron Hi-lume 1% Eco RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1% SOLOdrive 0-10V ⁵ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁶ On-site commissioning is required.	1C - 1 circuit	DMF - Drywall mud flange	FTMB - Textured matte black FTMW - Textured matte white CF# - Custom finish, specify RAL#

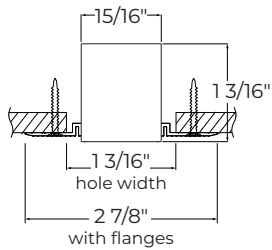


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Dimensions



DMF - Drywall mud flange

Actual lengths based on optics

NOMINAL LENGTH	HLO/MPO	BDPO/GDPO
2'	23.7"	26.7"
4'	47.3"	46.7"
5'	58.9"	60"
6'	70.9"	73.3"
8'	94.5"	93.2"

For other lengths or long runs, please consult factory shop drawings.
End plate thickness not included in above dimensions.

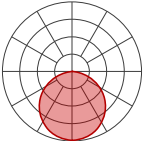
Photometrics

BDPO/GDPO values calculated based on four 6.7" sections at 3500K and 90 CRI.

HLO/MPO values calculated based on a 4' fixture at 3500K and 90 CRI.

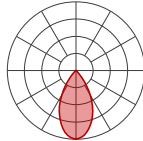
OPTICS

HLO



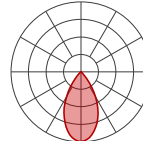
LM/FT	W/FT	LM/W
200	3.9	51
350	5.6	63
500	8.1	62
600	10	60

BDPO



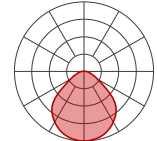
LM/FT	W/FT	LM/W
200	3.8	53
350	5.4	65
500	7.8	64
600	9.6	63

GDPO



LM/FT	W/FT	LM/W
200	3.3	61
350	4.7	75
500	6.8	74
600	8.3	72

MPO



LM/FT	W/FT	LM/W
200	3.9	51
350	5.6	63
500	8.1	62
600	10	60

MULTIPLIER TABLES

Use these tables to get results for different color temperatures and CRI for all photometric tables.

HLO/MPO

CCT	WATTS		LPW	
	80 CRI	90 CRI	80 CRI	90 CRI
2700K	1.05	1.27	0.95	0.79
3000K	1.02	1.23	0.98	0.81
3500K	1.00	1.19	1.00	0.84
4000K	1.00	1.19	1.00	0.84
5000K	0.96	1.12	1.04	0.89

BDPO/GDPO

CCT	WATTS		LPW	
	80 CRI	90 CRI	80 CRI	90 CRI
2700K	0.93	1.06	1.08	0.94
3000K	0.89	1.03	1.12	0.98
3500K	0.89	1.00	1.12	1.00
4000K	0.88	0.98	1.13	1.02
5000K	0.85	0.95	1.16	1.05

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Technical Specifications

OPTICS

High-Efficiency Lambertian Optic (HLO)

Shielding of diffusing 0.075" thick acrylic provides up to 88% transmission and good obscuration. Matte white reflectors distribute LED output across the shielding. Luminaire brightness is controlled by the ratio of luminous flux to shielding area.



Diamond Prism Optic (DPO)

The Diamond Prism Optic™ (DPO™) is our patent-pending 3-tiered optic meticulously crafted to refract and reflect beams with great precision, effectively keeping glare to a minimum while delivering light of exceptional quality and visual comfort.



Micro-Prism Optic (MPO)

Our precision Micro-Prism Optic™ (MPO™) is a compact marvel engineered to minimize glare and illuminate gently and powerfully. The module's high-quality light output illuminates with a subtle glow to create pleasant lit environments.



LIGHT SOURCE

Static white

Custom linear array of high-flux LEDs mounted onto aluminum-backed circuitry with quick-connect wiring to facilitate service and optimize thermal management. Available in 2700K, 3000K, 3500K, 4000K, and 5000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 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.

Full spectrum

The full spectrum LED option offers improved color particularly in the cyan region that is beneficial in both healthcare and circadian lighting strategies. The cyan region in full spectrum LED is richer at the 480 nm range.

LUMINAIRE LENGTH

Slight is available in standard lengths of 2' to 8'. Continuous runs are available for run lengths over 8'. Exact run length must be noted in the product code. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency > 84%, PF > 0.9, THD < 20%. Other specifiable options include Lutron Hi-Lume 1% Eco, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

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.

MOUNTING

Recessed fixtures can be mounted in drywall ceilings with mud flange.

FINISH

Textured matte white and black. Custom finishes are also available.

CONSTRUCTION

Housing: Extruded aluminum, up to 90% recycled content

Lens: Acrylic

Louvers: Polycarbonate

Joining system: Die cast zinc

End plate: Cold rolled steel

WEIGHT

4': 3.1 lbs - 1.4 kg

8': 6.4 lbs - 2.9 kg

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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.