



Huntington 1 Series

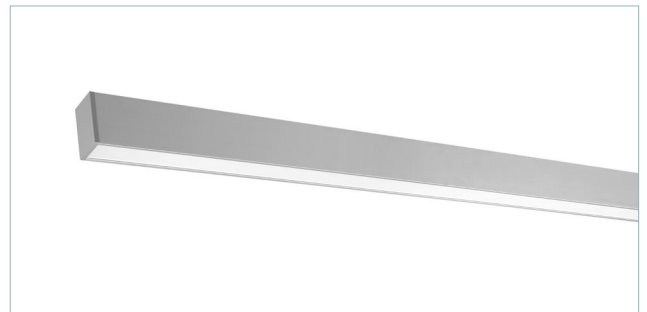
HTGDU-1W

WALL

Brilliant by Design™, minimalistic aesthetic combined with our innovative Microstructure EdgeTech Optics (MEO)™ will bring your vision to light. The innovative MEO™ design utilizes high efficiency Microstructure Lenses and Light Guide Plates for high optical extraction and precise light management.

FEATURES

- Innovative Microstructure EdgeTech Optics™ delivers unparalleled optic control and exceptional performance with seamless illumination and uniformity. Specify Batwing, Glare Control, Diffused (Lambertian) or Room Fill Optics.
- MEO™ allows for minimalistic 1.5" aperture fixtures with extremely low profiles.
- PRO optics available with Asymmetric, Wide, Batwing and Diffusing distributions.
- Individually controlled Direct and Indirect MEO™ optics and lumen outputs.
- Innovative Toolless "Push to Eject" System allows for easy installation and serviceability.
- Individual fixture lengths and seamless continuous rows with no lens breaks, pixelation or hot spots up to 300 feet.
- Surface Wall Mounting
- Specified Lumen Outputs (SLO) available.
- Proudly crafted in Huntington Beach, CA - USA.



WALL

Performance Overview

4' Huntington 1 Direct - 3500K 90CRI MEODF				
Lumen Output	LL (Low)	ML (Medium)	HL (High)	SLO* (Specified)
Delivered Lumens	772	1908	3760	772-5920
Consumed Wattage	15	36	76	14.6-131.1
Efficacy (lm/W)	105	105	99	90-105
SDCM	3	3	3	3

*Specified Lumen Output (SLO) available in customizable lumen configurations (896 lm - 6852 lm). See SLO Configurator [HERE](#)



ORDERING INFORMATION

PROJECT _____ TYPE _____
PRODUCT _____ QTY _____

Product Family	Driver Location	Length	Direct Lumen Output
HTGDU-1W Huntington Series Direct Indirect 1.5" Aperture (Wall Mount)	<input type="checkbox"/> TD Integral Driver <input type="checkbox"/> RD Remote Driver	<input type="checkbox"/> _____* Specify length in 1 foot increments <input type="checkbox"/> L_x_ L Pattern <input type="checkbox"/> CP Custom Pattern *Minimum Integral Driver length is 2'. Minimum Remote or In Canopy Driver can be shorter, consult factory. *Custom length fixtures can be ordered in 3" increments. *Any length over 8' requires multiple fixture segments	<input type="checkbox"/> DLL Low (193 l/ft @ 1.84 W)* <input type="checkbox"/> DML Medium (477 l/ft @ 4.55 W)* <input type="checkbox"/> DHL High (940 l/ft @ 9.46 W)* <input type="checkbox"/> SLO-XX **Specified Lumen Output available. *Delivered lumen output & consumed wattage based on "MEODF 35" (90 CRI - 3500K). **See SLO Configurator for alternate outputs.

Direct Optics	Indirect Lumen Output	Indirect Optics
<p>MEO</p> <input type="checkbox"/> MEODF Diffusing <input type="checkbox"/> MEOBW Batwing <input type="checkbox"/> MEOGC Glare Control <input type="checkbox"/> MEORF33 Room Fill See Page 4 for Optic Details	<input type="checkbox"/> ULL Low (193 l/ft @ 1.84 W)* <input type="checkbox"/> UML Medium (477 l/ft @ 4.55 W)* <input type="checkbox"/> UHL High (940 l/ft @ 9.46 W)* <input type="checkbox"/> SLO-XX **Specified Lumen Output available. *Delivered lumen output & consumed wattage based on "MEODF 35" (90 CRI - 3500K). **See SLO Configurator for alternate outputs.	<p>MEO</p> <input type="checkbox"/> MEODF Diffusing <input type="checkbox"/> MEOBW Batwing <input type="checkbox"/> MEOGC Glare Control <input type="checkbox"/> MEOCW48 Ceiling Wash (48° Off Nadir) <p>PRO*</p> <input type="checkbox"/> PROAY Asymmetric <input type="checkbox"/> PROWD Wide <input type="checkbox"/> PRODF Diffusing <input type="checkbox"/> PROBW Batwing *PRO optics are the most cost effective indirect solution. PRO Optics are not a diffused light source. LED pixelation will be seen with this optic choice.

Color Temp	Voltage	Driver	Finish
<p>90+ CRI</p> <input type="checkbox"/> 27 2700K <input type="checkbox"/> 30 3000K <input type="checkbox"/> 35 3500K <input type="checkbox"/> 40 4000K <input type="checkbox"/> 50 5000K <input type="checkbox"/> XX Optional Color Temp & CRI Available	<input type="checkbox"/> VU 120V-277V <input type="checkbox"/> V3 347V	<input type="checkbox"/> D* 1% 0-10V <input type="checkbox"/> DN NON DIM <input type="checkbox"/> DL1 Lutron Hi-Lume 1% EcoSystem <input type="checkbox"/> DE* .1% 0-10V <input type="checkbox"/> DD1 1% DALI <input type="checkbox"/> DDE .1% DALI <input type="checkbox"/> DMX .1% DMX/RDM <input type="checkbox"/> DELV 1% Electronic Low Voltage Dimming (Reverse Phase) <input type="checkbox"/> DTRIAC 1% Electronic Low Voltage Dimming (Forward Phase) <input type="checkbox"/> XX Other (Please Specify) *Dim to Off available. Please Specify "-OFF" next to driver option if required.	<input type="checkbox"/> SA* Silver Anodized <input type="checkbox"/> WP* Matte White <input type="checkbox"/> BP* Matte Black <input type="checkbox"/> CC* Custom <input type="checkbox"/> SAMF SA Housing/Machine Finish End Caps <input type="checkbox"/> WPMF WP Housing/Machine Finish End Caps <input type="checkbox"/> BPMF BP Housing/Machine Finish End Caps <input type="checkbox"/> CCMF CC Housing/Machine Finish End Caps *When finish selected, the housing finish and end cap finish will match

Options	Mounting
<input type="checkbox"/> EMB_* Emergency Battery Pack(s) <input type="checkbox"/> EMC_* Emergency Circuit(s) <input type="checkbox"/> SOC * Occupancy Sensor <input type="checkbox"/> SDL* Daylight Sensor <input type="checkbox"/> 2C 2 Circuit (Direct Light and Indirect Light Controlled Independently) <input type="checkbox"/> BCS* Brilliant Communications Solutions (wired/wireless) BCS: includes wired and wireless integration from our partners at nLight™, Enlighted, Legrand, Crestron, Osram, Lutron and many more. Contact Extant for details. EMB: Specify quantity of battery packs. Minimum 4' unit. EMC: Specify quantity of emergency circuits. SOC & SDL: Specify spacing/location of sensors(s).	<input type="checkbox"/> SW Surface Wall



Specifications

CONSTRUCTION One-piece heavy gauge 6063 extruded aluminum housing. Precision-machined aluminum end caps.

OPTICS Microstructure EdgeTech Optics (MEO)™ utilizes high efficiency Microstructure Lenses and Light Guide plates for high optical extraction and precise light management. Specify Batwing, Glare Control, Diffused (Lambertian) or Room Fill Optics.

LIGHT OUTPUT (3) Standard individually controlled (Indirect & Direct) lumen packages are available: Low (ULL/DLL), Medium (UML/DML) and High (UHL/DHL). Specified Lumen Output (SLO) packages available. Please see the (SLO) configurator at ExtantLighting.com.

LEDS Latest generation of premium Nichia 3-step MacAdam Ellipse LED's available in (90+ CRI) 2700K, 3000K, 3500K, 4000K. LED modules are easily accessible and replaceable.

VOLTAGE Universal 120/277V (VU) and 347V (V3) available. Consult factory for driver options when 347V is specified.

EMERGENCY BATTERY Factory provided low profile 10W emergency battery for UL924 required 90-minute run time (optional).

FINISH Standard finishes include silver anodized, powder coated white or powder coated black. Custom anodized and powder coated finishes available (RAL number matched). Power cord and canopy finish options are white, black or silver.

CONTINUOUS ROWS Innovative Toolless Latch System ensures simple installation. Seamless continuous rows with no lens breaks, pixelation or hotspots up to 300 feet (MEODF, MEOGC, MEOWW, MEORF) or 250 feet (MEOBW).

PATTERNS Standard Rectangle Pattern (R), U Pattern (U), and L Pattern (L) available. Custom patterns available.

MOUNTING Surface Wall Mount.

APPROVALS UL and cUL Listed. Approved for Dry/Damp locations. Made in the USA. JA8 Approved.

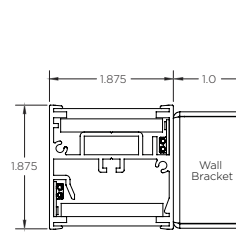
LUMEN MAINTENANCE (L70) 70% of initial light output = Reported > 60,000 hours | Calculated > 200,000 hours (L90) 90% of initial light output = Reported > 60,000 hours | Calculated > 200,000 hours.

WARRANTY HTG 1 offered with a 5-year limited warranty. 5-year limited warranty covers LED, Driver and fixture. For further details, refer to General Warranty and Obligations at ExtantLighting.com.

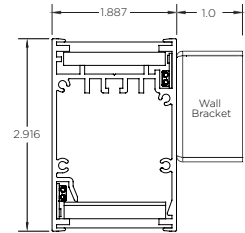
PATENTS Extant Lighting's intellectual property is protected under Patent No. US 11,378,262 B2 by the U.S. Patent Office.

Dimensions

See installation instructions for more detail on mounting brackets



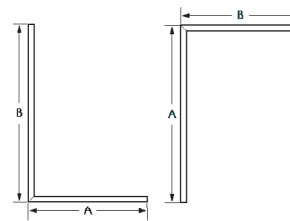
REMOTE



INTEGRAL

Patterns

Note: All miters/patterns shown and ordered in plan view.



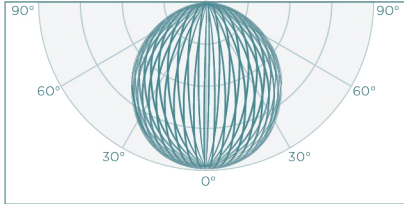
L_X_
L-Shape
Provide Ax B
Example: L6'x4'



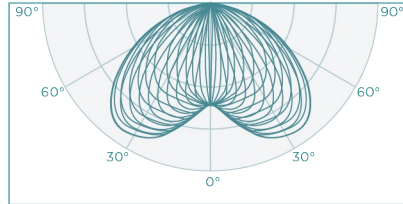
Microstructure EdgeTech Optics (MEO)™

Our innovative MEO™ design utilizes high efficiency Microstructure Lenses and Light Guide Plates for high optical extraction and precise light management. MEO™ delivers exceptional light quality with seamless illumination and uniformity with no pixelation, hot spots or lens breaks up to 300' OR 250' for MEOGC continuous rows.

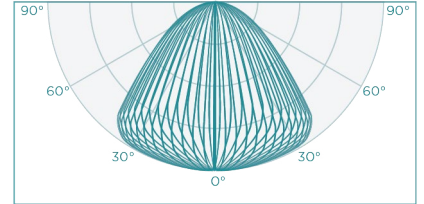
DIRECT



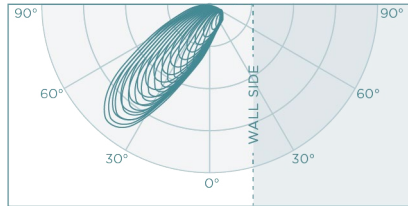
MEO DF
LAMBERTIAN



MEO BW
BATWING

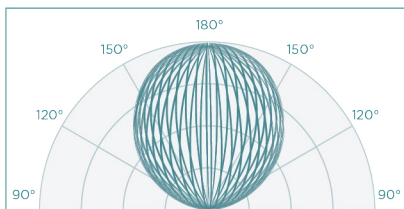


MEO GC
GLARE CONTROL

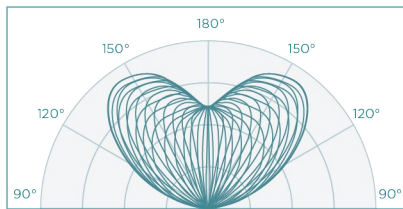


MEO RF
ROOM FILL

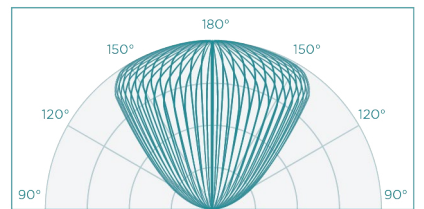
INDIRECT



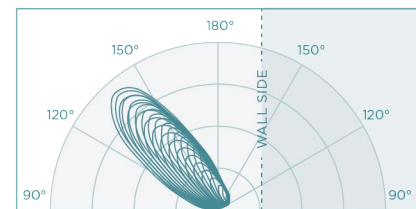
MEO DF
LAMBERTIAN



MEO BW
BATWING



MEO GC
GLARE CONTROL



MEO CW
CEILING WASH



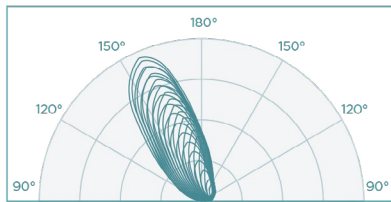
Precision Refractive Optics (PRO)

Precision Refractive Optics (PRO) are designed to produce precise optic control for diverse design applications. PRO utilizes the latest in extruded lens technology that mount directly to the LED board channel to give optimum control.

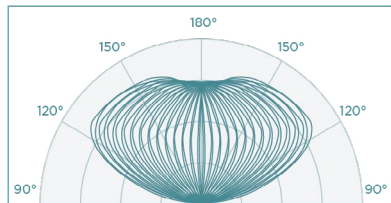
Please Note: The PRO optics are not a diffused light source. LED pixelation will be seen with this optic choice. If you want a completely diff used light source with no pixelation or hot spots, see our Microstructure EdgeTech Optics (MEO)™ options. PRO optics are only available in indirect orientation.

PRO optics are the more cost effective indirect solution.

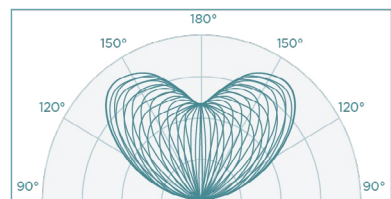
INDIRECT



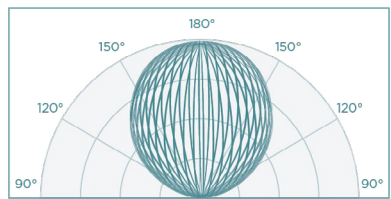
PROAY
ASYMMETRIC



PROWD
WIDE



PROBW
BATWING



PRODF
LAMBERTIAN

Continuous Row Detail

NOTE: Detail below is specific to the Surface Wall only. For additional Continuous Row Detail, please visit ExtantLighting.com

Nominal Row Length (ft)	Segment Lengths (ft)	Overall Row Length
9	5 + 4	9' 1/2"
10	6 + 4	10' 1/2"
11	7 + 4	11' 1/2"
12	8 + 4	12' 1/2"
13	8 + 5	13' 1/2"
14	8 + 6	14' 1/2"
15	8 + 7	15' 1/2"
16	8 + 8	16' 1/2"
17	8 + 5 + 4	17' 1/2"
18	8 + 6 + 4	18' 1/2"
19	8 + 7 + 4	19' 1/2"
20	8 + 8 + 4	20' 1/2"
21	8 + 8 + 5	21' 1/2"
22	8 + 8 + 6	22' 1/2"
23	8 + 8 + 7	23' 1/2"
24	8 + 8 + 8	24' 1/2"
25	8 + 8 + 5 + 4	25' 1/2"
26	8 + 8 + 6 + 4	26' 1/2"
27	8 + 8 + 7 + 4	27' 1/2"
28	8 + 8 + 8 + 4	28' 1/2"
29	8 + 8 + 8 + 5	29' 1/2"
30	8 + 8 + 8 + 6	30' 1/2"
31	8 + 8 + 8 + 7	31' 1/2"
32	8 + 8 + 8 + 8	32' 1/2"
33	8 + 8 + 8 + 5 + 4	33' 1/2"
34	8 + 8 + 8 + 6 + 4	34' 1/2"
35	8 + 8 + 8 + 7 + 4	35' 1/2"
36	8 + 8 + 8 + 8 + 4	36' 1/2"
37	8 + 8 + 8 + 8 + 5	37' 1/2"
38	8 + 8 + 8 + 8 + 6	38' 1/2"
39	8 + 8 + 8 + 8 + 7	39' 1/2"
40	8 + 8 + 8 + 8 + 8	40' 1/2"
41	8 + 8 + 8 + 8 + 5 + 4	41' 1/2"
42	8 + 8 + 8 + 8 + 6 + 4	42' 1/2"
43	8 + 8 + 8 + 8 + 7 + 4	43' 1/2"
44	8 + 8 + 8 + 8 + 8 + 4	44' 1/2"
45	8 + 8 + 8 + 8 + 8 + 5	45' 1/2"
46	8 + 8 + 8 + 8 + 8 + 6	46' 1/2"
47	8 + 8 + 8 + 8 + 8 + 7	47' 1/2"
48	8 + 8 + 8 + 8 + 8 + 8	48' 1/2"

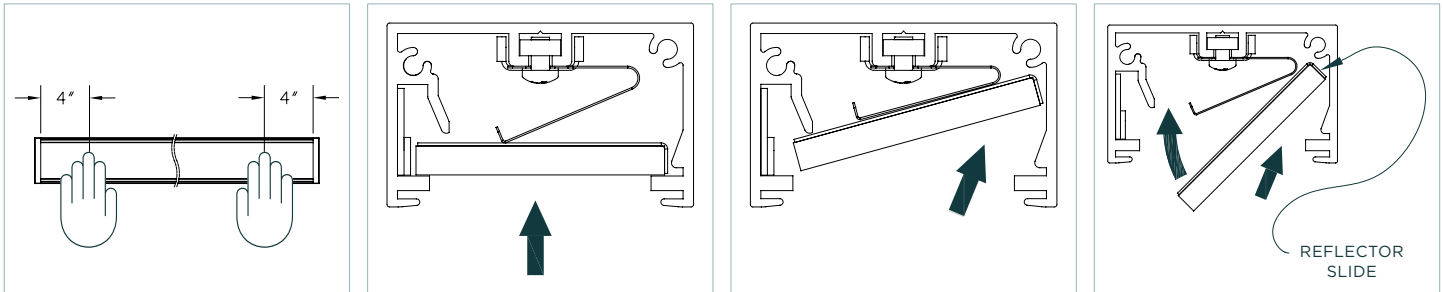


Installation

Thoughtful engineering is at the core of all of our fixture designs. All of our products are thoughtfully engineered and include innovative features that create a sophisticated fixture that is also contractor friendly and easy to install and service.

PUSH TO EJECT SYSTEM

Innovative “Push to Eject” System allows for toolless removal and installation of the Light Guide Plate. This thoughtful engineering creates easy access into the housing for simple installation and serviceability.



TOOLLESS LATCH SYSTEM

Our Toolless Latch System is designed to securely connect the extrusions of the continuous runs without the use of any tools, screws or external parts. Our innovative design allows the contractor to perfectly align the extrusion with the built-in alignment pins and cinch up the extrusion with the Toolless Latch System for a tight fit. The Toolless Latch System eliminates gaps and ensures perfect alignment.

QUICK-CLICK 5-WIRE SYSTEM

Our Quick-Click 5-Wire System connects the continuous run through wiring with a simple push and click connection. The Quick-Click System is contractor friendly and decreases installation time and cost and ensures proper wiring.

