



Huntington 1 Series

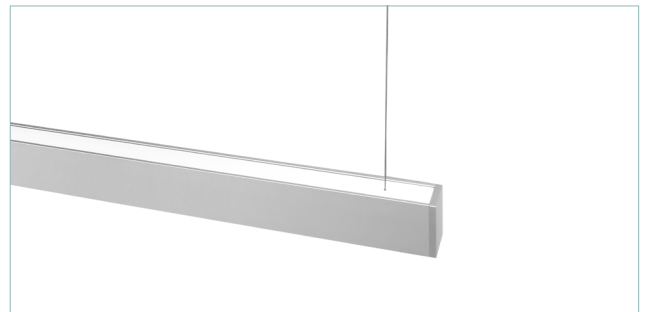
# HTGDU-1P

DIRECT | INDIRECT - SUSPENDED

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), Room Fill, Ceiling Wash or Wall Wash 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.
- Aircraft Cable or 361° locking Aircraft Cable Rotational mounting.
- Integral Driver, Remote Driver, In-Canopy Driver and In-Canopy Emergency Driver options.
- Specified Lumen Outputs (SLO) available.
- Proudly crafted in Huntington Beach, CA - USA.



SUSPENDED

## 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
<b>HTGDU-1P</b> Huntington Series Direct   Indirect 1.5" Aperture (Suspended)	<input type="checkbox"/> <b>TD</b> Integral Driver <input type="checkbox"/> <b>RD</b> Remote Driver <input type="checkbox"/> <b>CD</b> In-Canopy Driver *Decorative open ceiling remote driver boxes available. Contact factory for details.	<input type="checkbox"/> _____* Specify length in 1 foot increments <input type="checkbox"/> <b>R_X__</b> Rectangle <input type="checkbox"/> <b>L_X__</b> L Pattern <input type="checkbox"/> <b>U_X_X__</b> U Pattern <input type="checkbox"/> <b>CP</b> 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"/> <b>DLL</b> Low (193 lm/ft @ 1.84 W)* <input type="checkbox"/> <b>DML</b> Medium (477 lm/ft @ 4.55 W)* <input type="checkbox"/> <b>DHL</b> High (940 lm/ft @ 9.46 W)* <input type="checkbox"/> <b>SLO-XX</b> *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	Color Temp	Voltage
<b>MEO*</b> <input type="checkbox"/> <b>MEODF</b> Diffusing <input type="checkbox"/> <b>MEOBW</b> Batwing <input type="checkbox"/> <b>MEOGC</b> Glare Control <input type="checkbox"/> <b>MEOWW</b> Wall Wash <input type="checkbox"/> <b>MEORF</b> Room Fill *See page 4 for Optic Detail	<input type="checkbox"/> <b>ULL</b> Low (193 lm/ft @ 1.84 W)* <input type="checkbox"/> <b>UML</b> Medium (477 lm/ft @ 4.55 W)* <input type="checkbox"/> <b>UHL</b> High (940 lm/ft @ 9.46 W)* <input type="checkbox"/> <b>SLO-XX</b> **Specified Lumen Output available. *Delivered lumen output & consumed wattage based on "MEODF 35" (90 CRI - 3500K). See SLO Configurator for alternate outputs. **See SLO Configurator at ExtantLighting.com for appropriate "xx" output.	<b>MEO</b> <input type="checkbox"/> <b>MEODF</b> Diffusing <input type="checkbox"/> <b>MEOBW</b> Batwing <input type="checkbox"/> <b>MEOGC</b> Glare Control <input type="checkbox"/> <b>MEOCW</b> Ceiling Wash <b>PRO*</b> <input type="checkbox"/> <b>PROAY</b> Asymmetric <input type="checkbox"/> <b>PROWD</b> Wide <input type="checkbox"/> <b>PRODF</b> Diffusing <input type="checkbox"/> <b>PROBW</b> 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.	<b>90+ CRI</b> <input type="checkbox"/> <b>27</b> 2700K <input type="checkbox"/> <b>30</b> 3000K <input type="checkbox"/> <b>35</b> 3500K <input type="checkbox"/> <b>40</b> 4000K <input type="checkbox"/> <b>50</b> 5000K <input type="checkbox"/> <b>XX</b> Optional Color Temp & CRI Available	<input type="checkbox"/> <b>VU</b> 120V-277V <input type="checkbox"/> <b>V3</b> 347V

Driver	Finish	Options	Mounting
<input type="checkbox"/> <b>D*</b> 1% 0-10V <input type="checkbox"/> <b>DN</b> NON DIM <input type="checkbox"/> <b>DL1</b> Lutron Hi-Lume 1% EcoSystem <input type="checkbox"/> <b>DE*</b> .1% 0-10V <input type="checkbox"/> <b>DD1</b> 1% DALI <input type="checkbox"/> <b>DDE</b> .1% DALI <input type="checkbox"/> <b>DMX</b> .1% DMX/RDM <input type="checkbox"/> <b>DELV</b> 1% Electronic Low Voltage Dimming (Reverse Phase) <input type="checkbox"/> <b>DTRIAC</b> 1% Electronic Low Voltage Dimming (Forward Phase) <input type="checkbox"/> <b>XX</b> Other (Please Specify) *Dim to Off available. Please Specify "-OFF" next to driver option if required.	<input type="checkbox"/> <b>SA*</b> Silver Anodized <input type="checkbox"/> <b>WP*</b> Matte White <input type="checkbox"/> <b>BP*</b> Matte Black <input type="checkbox"/> <b>CC*</b> Custom *When above finish selected, the housing finish and end cap finish will match <input type="checkbox"/> <b>SAMF</b> SA Housing/Machine Finish End Caps <input type="checkbox"/> <b>WPMF</b> WP Housing/Machine Finish End Caps <input type="checkbox"/> <b>BPMF</b> BP Housing/Machine Finish End Caps <input type="checkbox"/> <b>CCMF</b> CC Housing/Machine Finish End Caps	<input type="checkbox"/> <b>EMB_*</b> Emergency Battery Pack(s) <input type="checkbox"/> <b>EMC_*</b> Emergency Circuit(s) <input type="checkbox"/> <b>SOC *</b> Occupancy Sensor <input type="checkbox"/> <b>SDL*</b> Daylight Sensor <input type="checkbox"/> <b>BCS*</b> Brilliant Communications Solutions (wired/wireless) <input type="checkbox"/> <b>JA8</b> JA8 Compliant <input type="checkbox"/> <b>2C</b> 2 Circuit (Direct Light and Indirect Light Controlled Independently) BCS: includes wired and wireless integration from our partners at nLight™, enlightened, Legrand, Crestron, Osram, Lutron and many more. 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"/> <b>AC</b> Aircraft Cable <input type="checkbox"/> <b>AR</b> *Aircraft Cable Rotational (1" Rotational Hub) <input type="checkbox"/> <b>PDS</b> Power Down Suspension *Finish of Rotational Hub will match end cap finish **PDS is compatible with Remote Driver (RD) fixture only. PDS is only available in "SL" Silver Color. Contact Extant for PDS details

Cable Length	Power Cord	Canopy Mounting	Canopy Shape/Finish	
<input type="checkbox"/> <b>24</b> 24" <input type="checkbox"/> <b>48</b> 48" <input type="checkbox"/> <b>72</b> 72" <input type="checkbox"/> <b>96</b> 96" <input type="checkbox"/> <b>144</b> 144" <input type="checkbox"/> _____* Custom Length (Please Specify)	<input type="checkbox"/> <b>SL</b> Silver <input type="checkbox"/> <b>WH</b> White <input type="checkbox"/> <b>BK</b> Black *If PDS selected for mounting, SL (silver) must be selected.	<b>REMOTE DRIVER OPTION</b> <input type="checkbox"/> <b>C5*</b> 5" Canopies - JBox (Standard) <input type="checkbox"/> <b>NC</b> No Canopies at all Cables <input type="checkbox"/> <b>C2</b> 2" Canopies at all Cables - Structure Mounting <input type="checkbox"/> <b>TGC5</b> T-Grid Mount J-Box w/5" Canopies <input type="checkbox"/> <b>TGC25</b> T-Grid Mount J-Box w/5" Canopy at all power feeds - 2" Canopy at non power feed location *If PDS selected for mounting, C5 must be selected for canopy option.	<b>INTEGRAL DRIVER OPTION</b> <input type="checkbox"/> <b>C5*</b> 5" Canopies - JBox (Standard) <input type="checkbox"/> <b>NC5</b> No Canopies at all AC Cables w/5" Canopy at JBox locations <input type="checkbox"/> <b>NC</b> No Canopies at all Cables <input type="checkbox"/> <b>C2</b> 2" Canopies at all Cables - Structure Mounting <input type="checkbox"/> <b>C25</b> 2" Canopies at all Cables - 5" Canopies at JBox Locations <input type="checkbox"/> <b>TGC25</b> T-Grid Mount J-Box w/5" Canopy at all power feeds - 2" Canopy at non power feed location	<input type="checkbox"/> <b>SQS</b> Square - Silver <input type="checkbox"/> <b>SQW</b> Square - White <input type="checkbox"/> <b>SQB</b> Square - Black <input type="checkbox"/> <b>RNS</b> Round - Silver <input type="checkbox"/> <b>RNW</b> Round - White <input type="checkbox"/> <b>RNB</b> Round - Black



### 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, Diffuse (Lambertian), Room Fill, Ceiling Wash or Wall Wash 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](http://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) or 250 feet (MEOBW).

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

**MOUNTING** Remote Driver Fixtures: Adjustable 3/64" Aircraft Cable or 361° locking 3/64" Aircraft Cable Rotational with precision-machined 1" rotational hub. Integral Driver Fixtures: Adjustable 1/16" Aircraft Cable and 1/16" Aircraft Cable Rotational with precision-machined 1" rotational hub.

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

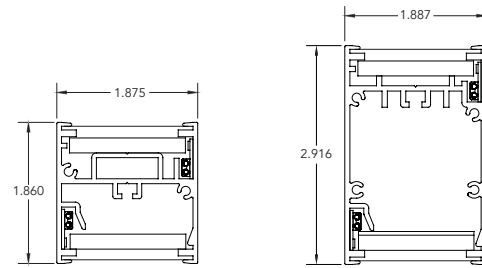
**LUMEN MAINTENANCE** (L70) 70% of initial light output = Reported >60,000 hours | Calculated > 200,000 hours (L90) 90% of initial light output = Reported > 60,000 hours | Calculated > 200,000 hours.

**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](http://ExtantLighting.com).

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

### Patterns

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

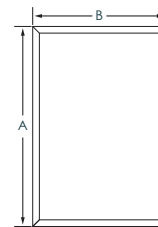


REMOTE

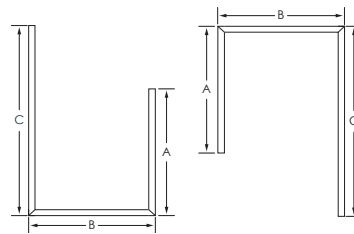
INTEGRAL

### Patterns

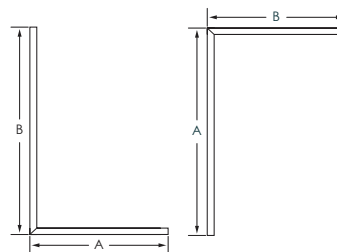
Note: All miters/patterns shown and ordered in plan view.



R\_\_X\_\_  
Rectangle  
Provide AxB  
Example: R6'x4'



U\_\_X\_\_X\_\_  
U-Shape  
Provide AxBxC  
Example: U6'x4'x4'



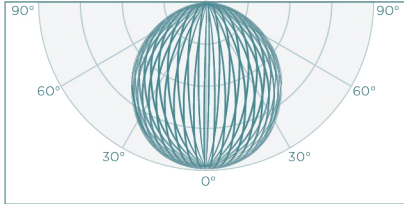
L\_\_X\_\_  
L-Shape  
Provide AxB  
Example: L6'x4'



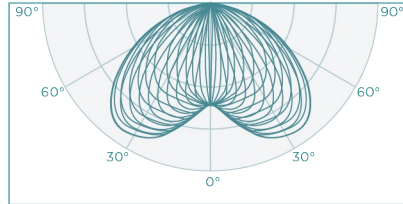
**Microstructure EdgeTech Optics (MEO)™**

MEO™ Optics can be specified in direct and indirect orientation. 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' (MEODF, MEOGC, MEORF, MEOWW, MEOCW) or 250' (MEOBW).

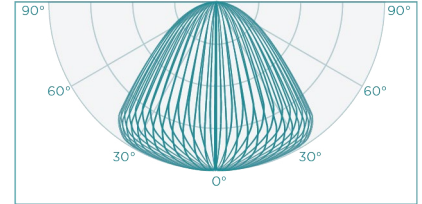
**DIRECT**



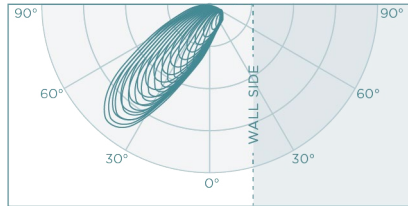
**MEODF**  
LAMBERTIAN



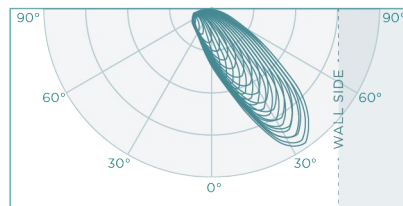
**MEOBW**  
BATWING



**MEOGC**  
GLARE CONTROL

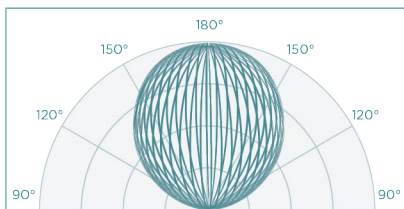


**MEORF**  
ROOM FILL

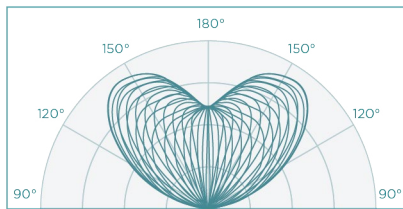


**MEOWW**  
WALL WASH

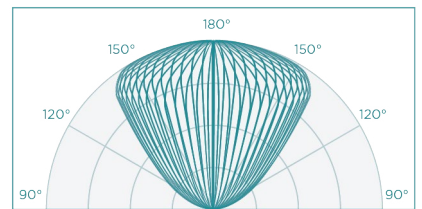
**INDIRECT**



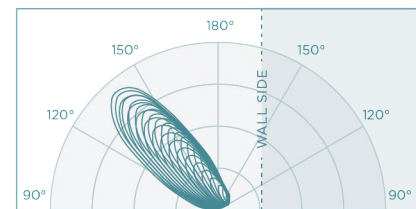
**MEODF**  
LAMBERTIAN



**MEOBW**  
BATWING



**MEOGC**  
GLARE CONTROL



**MEOCW**  
CEILING WASH

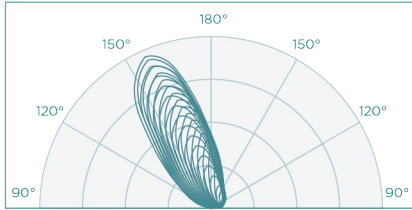


### Precision Refractive Optics (PRO)

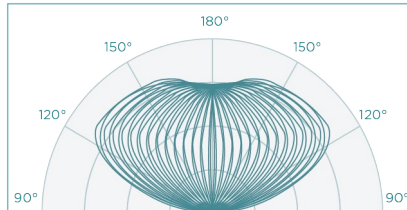
Precision Refractive Optics (PRO) are designed to produce precise optic control for diverse design applications. PRO Optics are only available in indirect orientation. PRO utilizes the latest in extruded lens technology that mount directly to the LED board channel to give optimum control.

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 diffused light source with no pixelation or hot spots, see our Microstructure EdgeTech Optics (MEO)™ options. PRO optics are the more cost effective indirect solution.

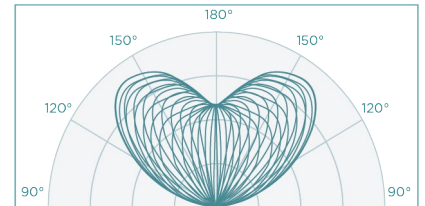
#### INDIRECT



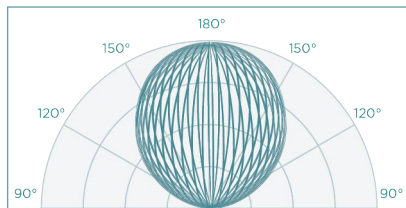
**PROAY**  
ASYMMETRIC



**PROWD**  
WIDE



**PROBW**  
BATWING



**PRODF**  
LAMBERTIAN

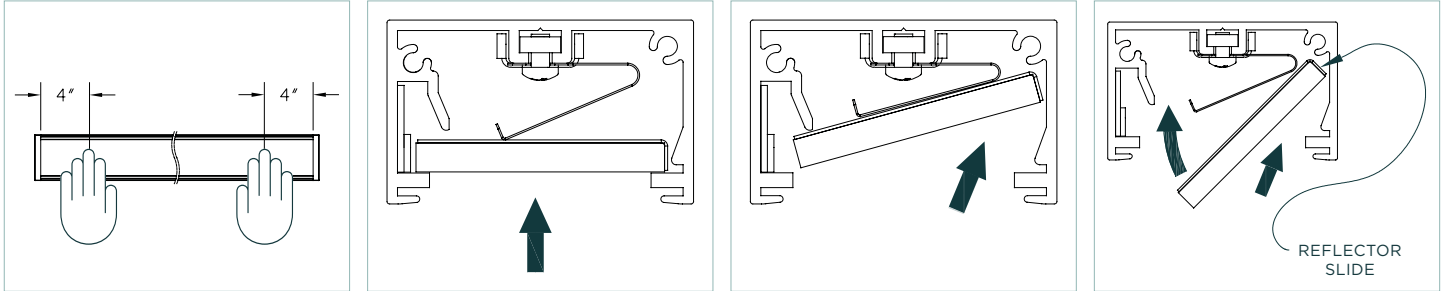


**Installation**

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.

