



DIRECT | INDIRECT - SUSPENDED

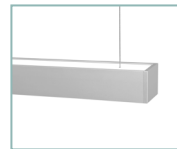
# Huntington 3

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 Wall Wash optics.
- MEO™ allows for minimalistic 3" Aperture fixtures with extremely low profile Depths: 2.13" Remote Driver - 3.40" Integral Driver.
- 3.4" x 3.4" square profile (integral driver) was designed to match the HTG-3P profile for a consistent architectural look within the space.
- PRO optics available with Asymmetric, Wide and Narrow 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, pixilation or hotspots up to 400 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.

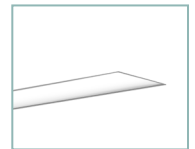
## HUNTINGTON 3 LINEUP



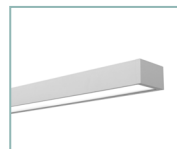
SUSPENDED  
DIRECT | INDIRECT



SUSPENDED



RECESSED



SURFACE



WALL | ARM



WALL | ARM  
DIRECT | INDIRECT

## PERFORMANCE OVERVIEW

4' Huntington 3 Direct   Indirect - 3500K 80CRI				
Lumen Output	LL (Low)	ML (Medium)	HL (High)	SLO* (Specified)
Direct Delivered Lumens	896	2208	4352	896-6852
Indirect Delivered Lumens	896	2208	4352	896-6852
Consumed Wattage (Total)	15	36	76	14.72 - 131.2
Efficacy (lm/W)	122	121	115	105-122
SDCM	3	3	3	3

\*Specified Lumen Output (SLO) available in customizable lumen configurations (896 lm - 6852 lm). See SLO Configurator at [ExtantLighting.com](https://www.extantlighting.com)



EXTANT ARCHITECTURAL LIGHTING™

15572 Commerce Lane, Huntington Beach, CA 92649 | 714-362-8099 | [ExtantLighting.com](https://www.extantlighting.com)

06222020 HTGDU-3P

## Ordering Information

PROJECT \_\_\_\_\_ TYPE \_\_\_\_\_  
PRODUCT \_\_\_\_\_ QTY \_\_\_\_\_

Product Family	Driver Location	Length	Direct Lumen Output
<b>HTGDU-3P</b> Huntington Series Direct   Indirect 3" 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 <small>*Decorative open ceiling remote driver boxes available. Contact factory for details.</small>	<input type="checkbox"/> _____* Specify length in 1 foot increments <input type="checkbox"/> <b>R_x_x</b> Rectangle <input type="checkbox"/> <b>L_x_x</b> L Pattern <input type="checkbox"/> <b>U_x_x_x</b> U Pattern <input type="checkbox"/> <b>CP</b> Custom Pattern <small>*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.</small>	<input type="checkbox"/> <b>DLL</b> Low (193 l/ft @ 1.84 W)* <input type="checkbox"/> <b>DML</b> Medium (477 l/ft @ 4.55 W)* <input type="checkbox"/> <b>DHL</b> High (940 l/ft @ 9.46 W)* <input type="checkbox"/> <b>SLO-xx</b> **Specified Lumen Output available. <small>*Delivered lumen output &amp; consumed wattage based on "MEODF 835" (80 CRI - 3500K). See SLO Configurator for alternate outputs. **See SLO Configurator at ExtantLighting.com for appropriate "xx" output.</small>

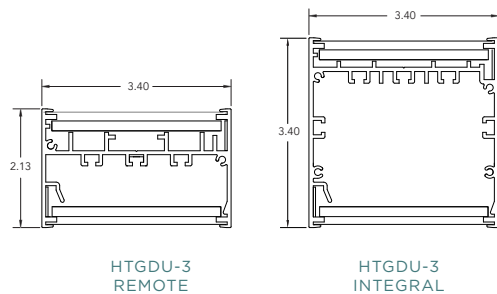
Direct Optics	Indirect Lumen Output	Indirect Optics	Color Temp	Voltage
<b>MEQ</b> <input type="checkbox"/> <b>MEODF</b> Diffusing <input type="checkbox"/> <b>MEOBW</b> Batwing <input type="checkbox"/> <b>MEOGC</b> Glare Control <input type="checkbox"/> <b>MEOWW</b> Wall Wash <b>PRO*</b> <input type="checkbox"/> <b>PROAY</b> Asymmetric <input type="checkbox"/> <b>PROWD</b> Wide <input type="checkbox"/> <b>PRONR</b> Narrow <small>*PRO Optics are only available in 90+ CRI *PRO Optics are not a diffused light source. LED pixelation will be seen with this optic choice. See page 4 for details.</small>	<input type="checkbox"/> <b>ULL</b> Low (193 l/ft @ 1.84 W)* <input type="checkbox"/> <b>UML</b> Medium (477 l/ft @ 4.55 W)* <input type="checkbox"/> <b>UHL</b> High (940 l/ft @ 9.46 W)* <input type="checkbox"/> <b>SLO-xx</b> **Specified Lumen Output available. <small>*Delivered lumen output &amp; consumed wattage based on "MEODF 835" (80 CRI - 3500K). See SLO Configurator for alternate outputs. **See SLO Configurator at ExtantLighting.com for appropriate "xx" output.</small>	<b>MEQ</b> <input type="checkbox"/> <b>MEODF</b> Diffusing <input type="checkbox"/> <b>MEOBW</b> Batwing <input type="checkbox"/> <b>MEOGC</b> Glare Control <b>PRO*</b> <input type="checkbox"/> <b>PROAY</b> Asymmetric <input type="checkbox"/> <b>PROWD</b> Wide <input type="checkbox"/> <b>PRONR</b> Narrow <small>*PRO Optics are only available in 90+ CRI *PRO Optics are not a diffused light source. LED pixelation will be seen with this optic choice. See page 4 for details.</small>	<b>80+ CRI</b> <input type="checkbox"/> <b>830</b> 3000K <input type="checkbox"/> <b>835</b> 3500K <input type="checkbox"/> <b>840</b> 4000K <b>90+ CRI</b> <input type="checkbox"/> <b>927</b> 2700K <input type="checkbox"/> <b>930</b> 3000K <input type="checkbox"/> <b>935</b> 3500K <input type="checkbox"/> <b>940</b> 4000K <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 <input type="checkbox"/> <b>V1</b> 120V (for DL2 Driver only)

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>DL5</b> Lutron 5-Series EcoSystem <input type="checkbox"/> <b>DL1</b> Lutron Hi-Lume 1% EcoSystem <input type="checkbox"/> <b>DL2</b> Lutron Hi-Lume 1% 2-wire (120V only) <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>XX</b> Other (Please Specify) <small>*Dim to Off available. Please Specify "-OFF" next to driver option if required. *1% minimum dimming level and other custom dimming levels and settings available. Consult factory.</small>	<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 <small>*When above finish selected, the housing finish and end cap finish will match</small> <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>2C</b> 2 Circuit (Direct Light and Indirect Light (Controlled Independently) <input type="checkbox"/> <b>BCS*</b> Brilliant Communications Solutions (wired/wireless) <small>BCS: includes wired and wireless integration from our partners at nLight™, enlightened, 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 &amp; SDL: Specify spacing/location of sensors(s).</small>	<input type="checkbox"/> <b>AC</b> Aircraft Cable <input type="checkbox"/> <b>AR</b> *Aircraft Cable Rotational (1" Rotational Hub) <small>*Finish will match end caps</small>

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	<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 <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 Cables Except 5" at Power Feed <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>SQS</b> Square Silver <input type="checkbox"/> <b>SQW</b> Square Matte White <input type="checkbox"/> <b>SQB</b> Square Matte Black <input type="checkbox"/> <b>RNS</b> Round Silver <input type="checkbox"/> <b>RNW</b> Round Matte White <input type="checkbox"/> <b>RNB</b> Round Matte Black

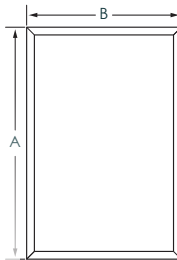


## Dimensions

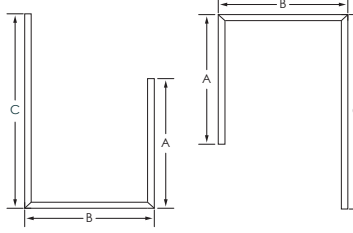
HTGDU-3  
REMOTEHTGDU-3  
INTEGRAL

## Patterns

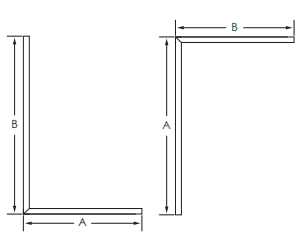
R\_\_X\_\_  
Rectangle  
Provide Ax B  
Example: R6'x4'



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



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



Note: All miters/patterns shown and ordered in Plan View.

## Specifications

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

**Optics** Microstructure EdgeTech Optics (MEO)<sup>TM</sup> utilizes high efficiency microstructure lenses and light guide plates for high optical extraction and precise light management. Specify Batwing, Glare Control, Diffused (Lambertian) 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 or (80+ CRI) 3000K, 3500K or 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 finishes are white, black or silver.

**Continuous Rows** Innovative toolless latch system ensures simple installation. Seamless continuous rows with no lens breaks, pixilation or hotspots up to 400 feet with MEODF or 250 feet with MEOGC.

**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

**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** HTG3 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).

\* Due to our culture of always striving for product enhancement, specifications and information within this document are subject to change without notice. 2020 Extant Lighting, Inc. All rights reserved.

## Continuous Row Detail

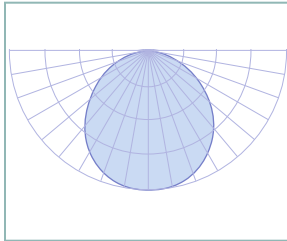
NOTE: Detail below is specific to the Aircraft Cable (AC) with Integral Driver (TD) only. For additional Continuous Row Detail, please visit [ExtantLighting.com](http://ExtantLighting.com)

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"

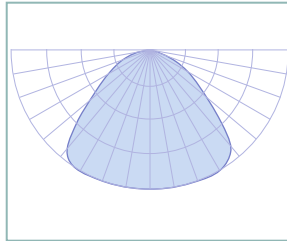


## Microstructure EdgeTech Optics (MEO)™

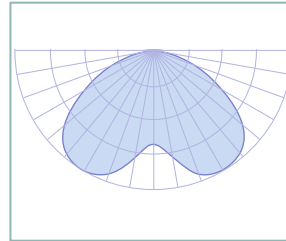
Our innovative MEO™ design utilizes high efficiency microstructure lenses and light guide plates for high optical extraction and precise light management. MEO™ delivers exceptional light quality with seamless illumination and uniformity with no pixelation, hot spots and lens breaks up to 400' continuous rows.



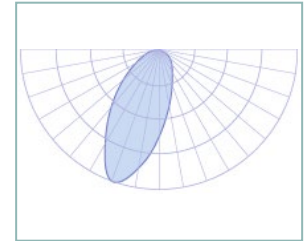
MEO-DF  
(DIFFUSING/LAMBERTIAN)



MEO-GC  
(GLARE CONTROL)



MEO-BW  
(BATWING)



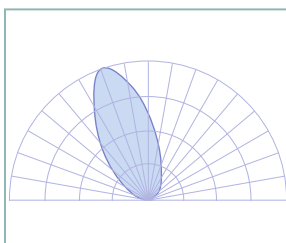
MEO-WW  
(WALL WASH - 33° OFF  
NADIR)



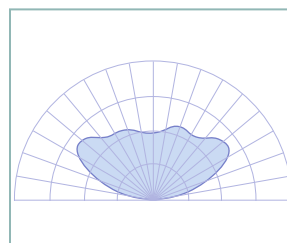
## Precision Refractive Optics (PRO)

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.

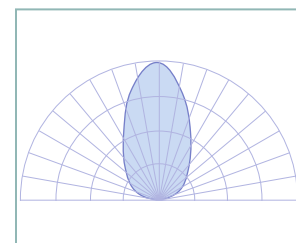
Please Note: The PRO optics are not a diffused light source. LED pixelation will be seen with this optic choice. If you want a completely diffused light source with no pixelation or hot spots, see our Microstructure EdgeTech Optics (MEO)™ options.



PRO-AY  
(ASYMMETRIC)



PRO-WD  
(WIDE)



PRO-NR  
(NARROW)

