



**SURFACE T-GRID**

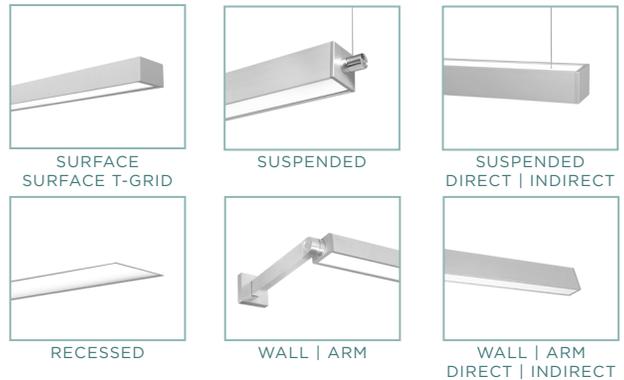
# Huntington 1

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 1.5" Aperture fixtures with extremely low profiles.
- Individual fixture lengths and seamless continuous rows with no lens breaks, pixilation or hotspots up to 400 feet.
- Innovative Toolless "Push to Eject" system allows for easy installation and serviceability.
- Innovative T-Grid mounting mechanism for flush T-Grid surface mounting.
- No visible fasteners
- Custom powder coat and anodized finishes
- Specified Lumen Outputs (SLO) available
- Proudly crafted in Huntington Beach, CA - USA.

**HUNTINGTON 1 LINEUP**



**PERFORMANCE OVERVIEW**

4' Huntington 1 Direct - 3500K 80CRI				
Lumen Output	LL (Low)	ML (Medium)	HL (High)	SLO* (Specified)
Delivered Lumens	772	1908	3760	772-5920
Consumed Wattage	7	18	38	7.3 - 65.6
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 at [ExtantLighting.com](http://ExtantLighting.com)



## Ordering Information

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

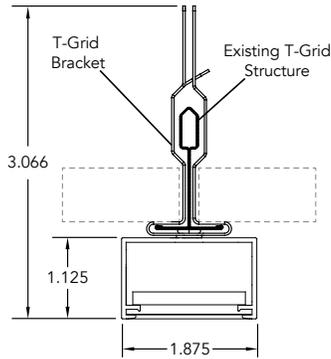
Product Family	Driver Location	Mounting	Length
<b>HTG-1</b> Huntington Series 1.5" Aperture (Surface)	<input type="checkbox"/> <b>RD</b> Remote Driver	<p><b>Surface T-Grid</b></p> <input type="checkbox"/> <b>L1</b> 15/16" Grid Lay-in <input type="checkbox"/> <b>L9</b> 9/16" Grid Lay-in <input type="checkbox"/> <b>T1</b> 15/16" Grid Tegular <input type="checkbox"/> <b>T9</b> 9/16" Grid Tegular <input type="checkbox"/> <b>SB</b> Bolt Slot Grid <input type="checkbox"/> <b>AI</b> Armstrong Interlude/ USG Identitee  Surface T-Grid mounting only available with Remote Driver	<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  *Minimum length can be shorter than 1', consult factory. *Custom length fixtures can be ordered in 3" increments. *Any length over 8' requires multiple fixture segments.

Lumen Output	Optics	Color Temp	Voltage
<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. *Delivered lumen output & consumed wattage based on "MEODF 835" (80 CRI - 3500K). See SLO Configurator for alternate outputs.	<p><b>MEO*</b></p> <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 (33° Off Nadir)  <p><b>PRO*</b></p> <input type="checkbox"/> <b>PROAY</b> Asymmetric <input type="checkbox"/> <b>PROWD</b> Wide <input type="checkbox"/> <b>PRONR</b> Narrow *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 Optic Detail	<p><b>80+ CRI</b></p> <input type="checkbox"/> <b>830</b> 3000K <input type="checkbox"/> <b>835</b> 3500K <input type="checkbox"/> <b>840</b> 4000K  <p><b>90+ CRI</b></p> <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)

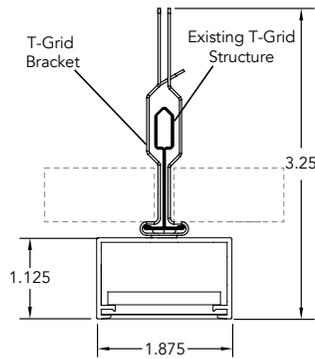
Driver	Finish	Options
<input type="checkbox"/> <b>D'_</b> 1% 0-10V <input type="checkbox"/> <b>DN</b> NON DIM <input type="checkbox"/> <b>DL5</b> Lutron 5-Series EcoSystem <input type="checkbox"/> <b>DL1</b> Lutron Hi-Lume 1% EcoSystem <input type="checkbox"/> <b>DL2</b> Lutron Hi-Lume 1% 2-wire (120V 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) *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.	<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>2C</b> 2 Circuit (Direct Light and Indirect Light (Controlled Independently) <input type="checkbox"/> <b>BCS*</b> Brilliant Communications Solutions (wired/ wireless) 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 & SDL: Specify spacing/location of sensors(s).



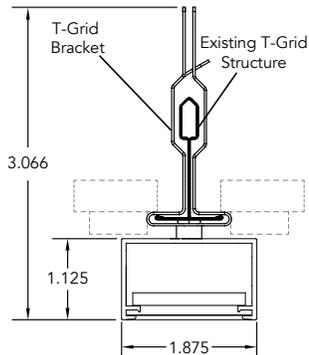
## Dimensions



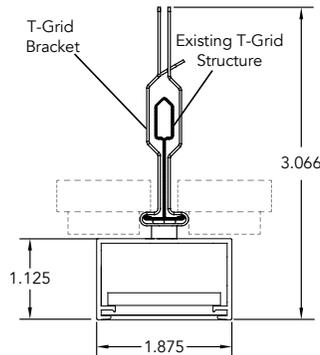
L1 - 15/16" Grid Lay-in



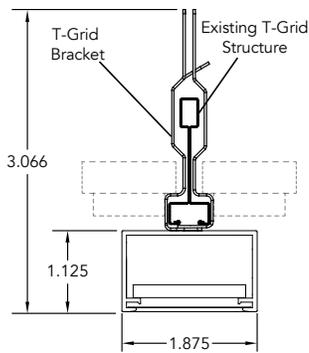
L9 - 9/16" Grid Lay-in



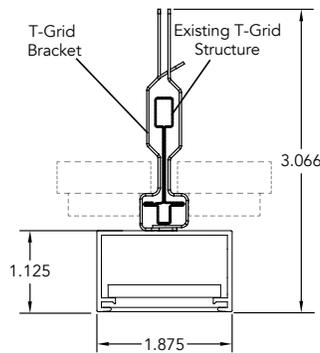
T1 - 15/16" Grid Tegular



T9 - 9/16" Grid Tegular



SB - Bolt Slot Grid



AI - Armstrong Interlude/  
USG Identitee

## Specifications

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

**Optics** Microstructure EdgeTech Optics (MEO)<sup>™</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 lumen packages are available: Low (DLL), Medium (DML) and High (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 MEO DF or 250 feet with MEO GC.

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

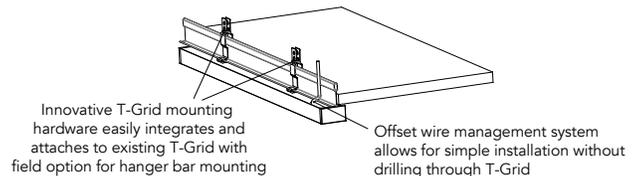
**Mounting** T-Grid Surface Mount

**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** HTG1 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).

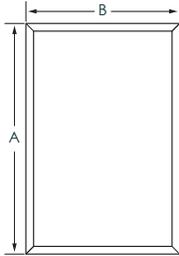
### T-GRID MOUNTING DETAIL



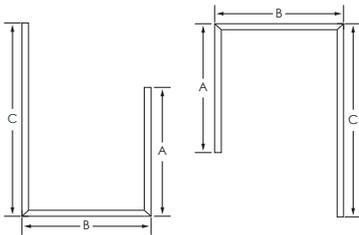
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## Patterns

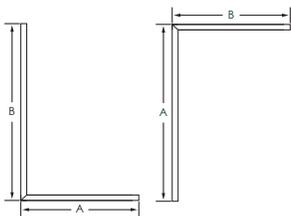
R\_\_X\_\_  
Rectangle  
Provide Ax B  
Example: R6'x4'



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.

## Continuous Row Detail

NOTE: Detail below is specific to the Surface unit only. For additional Continuous Row Detail, please visit [ExtantLighting.com](http://ExtantLighting.com)

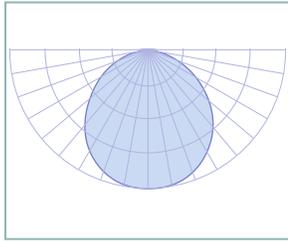
Nominal Row Length (ft)	Segment Lengths (ft)	Overall Row Length
9	5 + 4	9' 1/2"
10	6 + 4	10' 1/2"
11	7 + 4	11' 1/2"
12	8 + 4	12' 1/2"
13	8 + 5	13' 1/2"
14	8 + 6	14' 1/2"
15	8 + 7	15' 1/2"
16	8 + 8	16' 1/2"
17	8 + 5 + 4	17' 1/2"
18	8 + 6 + 4	18' 1/2"
19	8 + 7 + 4	19' 1/2"
20	8 + 8 + 4	20' 1/2"
21	8 + 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"

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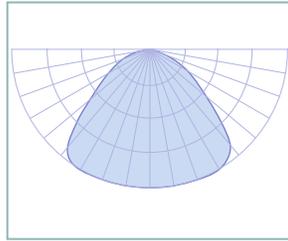


## Microstructure EdgeTech Optics (MEO)™

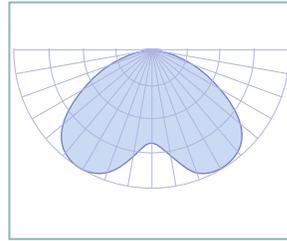
Our innovative MEO™ design utilizes high efficiency microstructure lenses and light guide plates for high optical extraction and precise light management. MEO™ delivers exceptional light quality with seamless illumination and uniformity with no pixelation, hot spots and lens breaks up to 400' continuous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



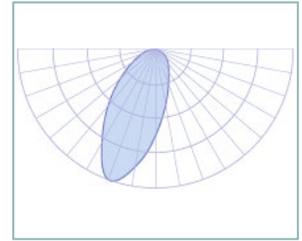
MEO-DF  
(DIFFUSING/LAMBERTIAN)



MEO-GC  
(GLARE CONTROL)



MEO-BW  
(BATWING)



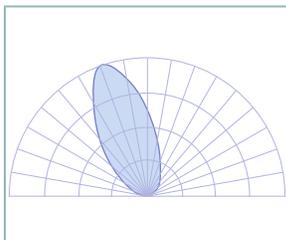
MEO-WW  
(WALL WASH - 33° OFF NADIR)



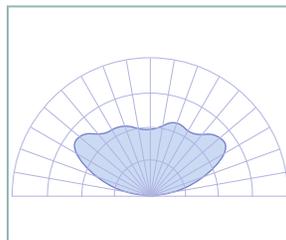
## Precision Refractive Optics (PRO)

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.

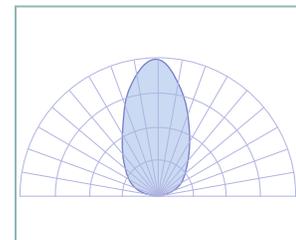
Please Note: The PRO optics are not a diffused light source. LED pixelation will be seen with this optic choice. If you want a completely diffused light source with no pixelation or hot spots, see our Microstructure EdgeTech Optics (MEO)™ options.



PRO-AY  
(ASYMMETRIC)



PRO-WD  
(WIDE)



PRO-NR  
(NARROW)

