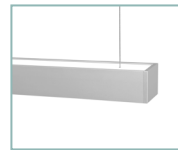**DIRECT | INDIRECT - SUSPENDED**

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.
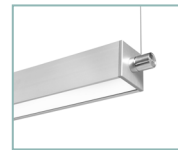
FEATURES

- Innovative Microstructure EdgeTech Optics™ delivers unparalleled optic control and exceptional performance with seamless illumination and uniformity. Specify Batwing, Glare Control, Diffused (Lambertion) or Wall Wash Optics.
- MEO™ allows for minimalistic 1.5" Aperture fixtures with extremely low profiles.
- 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 alows 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
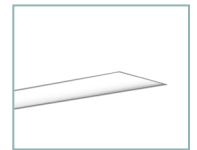- Proudly crafted in Huntington Beach, CA - USA.
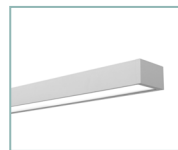
HUNTINGTON 1 LINEUP

SUSPENDED DIRECT | INDIRECT

SUSPENDED

RECESSED

SURFACE

WALL | ARM

WALL | ARM DIRECT | INDIRECT

PERFORMANCE OVERVIEW

4' Huntington 1 Direct	Indirect - 3500K 80CRI			
Lumen Output	LL (Low)	ML (Medium)	HL (High)	SLO* (Specified)
Direct Delivered Lumens	772	1908	3760	772-5920
Indirect Delivered Lumens	772	1908	3760	772-5920
Consumed Wattage (Total)	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 at ExtantLighting.com

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05292020 HTGDU-1P

Ordering Information

PROJECT _____ TYPE _____

PRODUCT _____ QTY _____

Product Family

HTGDU-1P Huntington Series Direct | Indirect 1.5" Aperture (Suspended)

Driver Location

- ☐ **TD** Integral Driver
- ☐ **RD** Remote Driver
- ☐ **CD** In-Canopy Driver

*Decorative open ceiling remote driver boxes available. Contact factory for details.

Length

- ☐ **____*** Specify length in 1 foot increments
- ☐ **R__x__** Rectangle
- ☐ **L__x__** L Pattern
- ☐ **U__x__x__** U Pattern
- ☐ **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.

Direct Lumen Output

- ☐ **DLL** Low (193 l/ft @ 1.84 W)*
- ☐ **DML** Medium (477 l/ft @ 4.55 W)*
- ☐ **DHL** High (940 l/ft @ 9.46 W)*
- ☐ **SLO-xx** **Specified Lumen Output available.

*Delivered lumen output & 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.

Direct Optics

MEO
- ☐ **MEODF** Diffusing
- ☐ **MEOBW** Batwing
- ☐ **MEOGC** Glare Control
- ☐ **MEOWW** Wall Wash

PRO*
- ☐ **PROAY** Asymmetric
- ☐ **PROWD** Wide
- ☐ **PRONR** 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 details.

Indirect Lumen Output

- ☐ **ULL** Low (193 l/ft @ 1.84 W)*
- ☐ **UML** Medium (477 l/ft @ 4.55 W)*
- ☐ **UHL** High (940 l/ft @ 9.46 W)*
- ☐ **SLO-xx** **Specified Lumen Output available.

*Delivered lumen output & consumed wattage based on "MEODF 835" (80 CRI - 3500K). See SLO Configurator for alternate outputs.
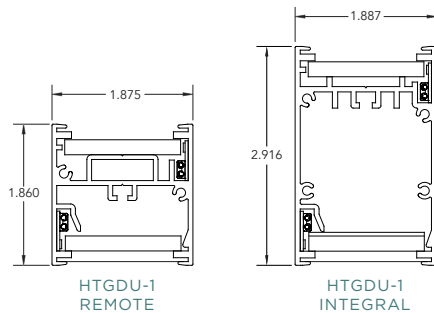**See SLO Configurator at ExtantLighting.com for appropriate "xx" output.

Indirect Optics

MEO
- ☐ **MEODF** Diffusing
- ☐ **MEOBW** Batwing
- ☐ **MEOGC** Glare Control

PRO*
- ☐ **PROAY** Asymmetric
- ☐ **PROWD** Wide
- ☐ **PRONR** 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 details.

Color Temp

80+ CRI
- ☐ **830** 3000K
- ☐ **835** 3500K
- ☐ **840** 4000K

90+ CRI
- ☐ **927** 2700K
- ☐ **930** 3000K
- ☐ **935** 3500K
- ☐ **940** 4000K
- ☐ **XX** Optional Color Temp & CRI Available

Voltage

- ☐ **VU** 120V-277V
- ☐ **V3** 347V
- ☐ **V1** 120V (for DL2 Driver only)

Driver

- ☐ **D*__** 1% 0-10V
- ☐ **DN** NON DIM
- ☐ **DL5** Lutron 5-Series EcoSystem
- ☐ **DL1** Lutron Hi-Lume 1% EcoSystem
- ☐ **DL2** Lutron Hi-Lume 1% 2-wire (120V only)
- ☐ **DE*** .1% 0-10V
- ☐ **DD1** 1% DALI
- ☐ **DDE** .1% DALI
- ☐ **XX** 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.

Finish

- ☐ **SA*** Silver Anodized
- ☐ **WP*** Matte White
- ☐ **BP*** Matte Black
- ☐ **CC*** Custom

*When above finish selected, the housing finish and end cap finish will match

- ☐ **SAMF** SA Housing/Machine Finish End Caps
- ☐ **WPMF** WP Housing/Machine Finish End Caps
- ☐ **BPMF** BP Housing/Machine Finish End Caps
- ☐ **CCMF** CC Housing/Machine Finish End Caps

Options

- ☐ **EMB_*_** Emergency Battery Pack(s)
- ☐ **EMC_*_** Emergency Circuit(s)
- ☐ **SOC *** Occupancy Sensor
- ☐ **SDL*** Daylight Sensor
- ☐ **2C** 2 Circuit (Direct Light and Indirect Light (Controlled Independently)
- ☐ **BCS*** 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).

Mounting

- ☐ **AC** Aircraft Cable
- ☐ **AR** *Aircraft Cable Rotational (1" Rotational Hub)

*Finish will match end caps

Cable Length

- ☐ **24** 24"
- ☐ **48** 48"
- ☐ **72** 72"
- ☐ **96** 96"
- ☐ **144** 144"
- ☐ **____*** Custom Length (Please Specify)

Power Cord

- ☐ **SL** Silver
- ☐ **WH** White
- ☐ **BK** Black

Canopy Mounting

REMOTE DRIVER OPTION
- ☐ **C5** 5" Canopies - JBox (Standard)
- ☐ **NC** No Canopies at all Cables
- ☐ **C2** 2" Canopies at all Cables - Structure Mounting

INTEGRAL DRIVER OPTION
- ☐ **C5** 5" Canopies - JBox (Standard)
- ☐ **NC5** No Canopies at all Cables Except 5" at Power Feed
- ☐ **NC** No Canopies at all Cables
- ☐ **C2** 2" Canopies at all Cables - Structure Mounting

Canopy Shape/Finish

- ☐ **SQS** Square Silver
- ☐ **SQW** Square Matte White
- ☐ **SQB** Square Matte Black
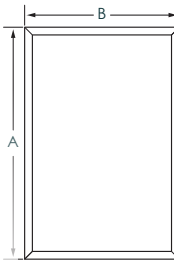- ☐ **RNS** Round Silver
- ☐ **RNW** Round Matte White
- ☐ **RNB** Round Matte Black

EXTANT EXPRESS 9 - DAY SHIPPING
HIGHLIGHTED ORDERING INFO QUALIFIES
Max 500'. For more details, visit ExtantLighting.com

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Dimensions

1.887
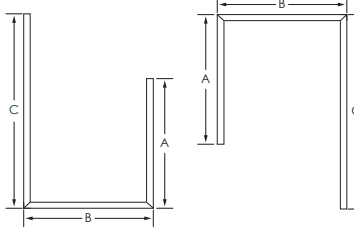
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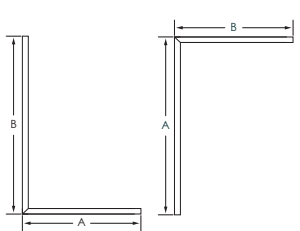2.916

1.860

HTGDU-1
REMOTE

HTGDU-1
INTEGRAL

Patterns

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'

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)™ utilizes high efficiency microstructure lenses and light guide plates for high optical extraction and precise light management. Specify Batwing, Glare Control, Diffused (Lambertion), 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.

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 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.
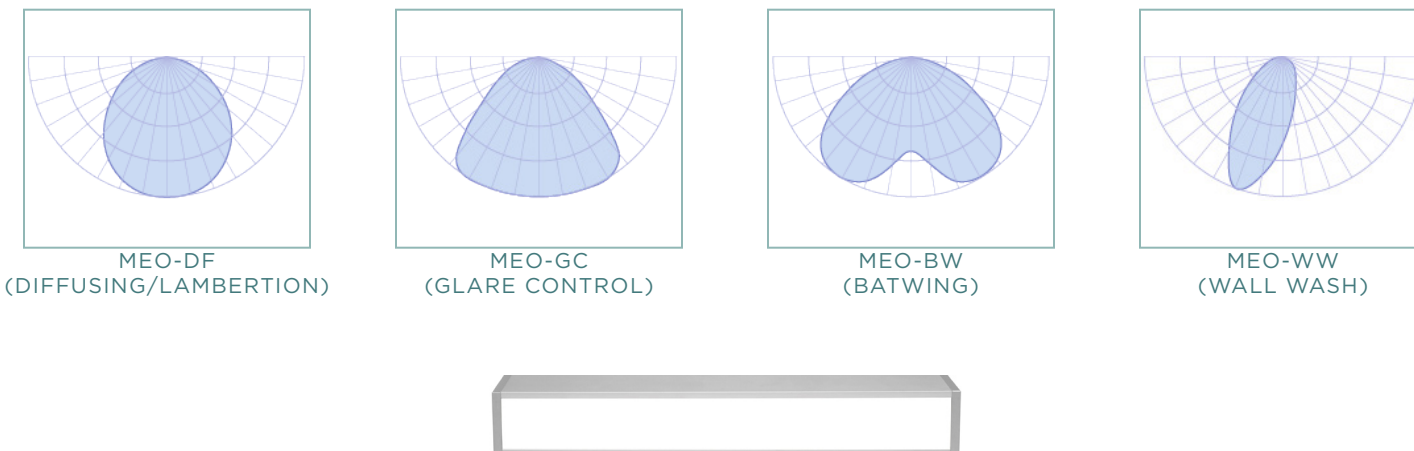
Continuous Row Detail

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

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/LAMBERTION) | MEO-GC (GLARE CONTROL) | MEO-BW (BATWING) | MEO-WW (WALL 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 diffused light source with no pixilation or hot spots, see our Microstructure EdgeTech Optics (MEO)™ options.

| PRO-AY (ASYMMETRIC) | PRO-WD (WIDE) | PRO-NR (NARROW) |

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