



Huntington 1 Series

HTGDU-1

DIRECT | INDIRECT - SURFACE T-GRID

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

- Mounts directly in line with the T-Grid for seamless performance and integration.
- Specify Batwing, Glare Control, Diffused (Lambertian), Wall Wash or Room Fill Optics.
- Indirect MEO optics with Diffusing Distribution
- MEO™ allows for minimalistic 1.5" Aperture fixtures while only being 1.860" deep.
- High performance with visual comfort (193-1480 lm/ft).
- Individual fixture lengths from 2'- 8' and seamless continuous rows with no lens breaks, pixelation or hotspots up to 300 feet.
- Mitered lit corner patterns to match T-Grid.
- Individually controlled Direct and Indirect MEO™ optics and lumen Outputs.
- Innovative Toolless "Push to Eject" System allows for easy installation and serviceability.
- Innovative T-Grid mounting mechanism for flush T-Grid surface mounting.
- Custom powder coat finishes.
- Specified Lumen Outputs (SLO) available.
- Proudly crafted in Huntington Beach, CA - USA.



DIRECT/INDIRECT SURFACE T-GRID

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: _____

Date: _____ Type: _____

| Product Family | Driver Location | Driver Quantity | Surface T-Grid Mounting | Length | Direct Lumen Output | Direct Optics |
|---|--|---|---|---|---|--|
| HTGDU-1 | RD | | | | | |
| HTGDU-1 Direct and Indirect 1.5" Aperture (T-Grid Mount) | RD* Remote Driver | Remote drivers can power multiple segments up to 12'; <u>Quantity of drivers must be selected</u> reference Single Driver Lumen Output Chart below to determine the quantity of drivers required. | L1 15/16" Grid Lay-in System L9 9/16" Grid Lay-in System T1 15/16" Grid Tegular System T9 9/16" Grid Tegular System SB Bolt Slot Grid AI Armstrong Interlude/USG Identitee CM* Custom Mounting | ___ * Specify length in 1 foot increments R_X_ Rectangle L_X_L Pattern U_X_X_U Pattern PC Custom Pattern | 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. | MEO MEODF Diffusing MEOBW Batwing MEOGC Glare Control MEORF Room Fill MEOWW Wall Wash |
| | *Remote drivers can power multiple segments up to 12'; reference Single Driver Lumen Output Chart below. | Contact factory for driver orientation for independently controlled outputs. | *Contact factory for custom orders. | *Minimum Remote Driver length can be shorter than 2'; consult factory. *Custom length fixtures can be ordered in 3" increments. *Any length over 8' requires multiple fixture segments. | *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. | See Single Driver Lumen Output chart on page 3 to determine the quantity of drivers required. |

| Indirect Lumen Output | Indirect Optics | Color Temp | Voltage | Driver |
|---|--------------------------------------|---|---------------------------------------|---|
| 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. | MEO MEODF Diffusing | 27 2700K 30 3000K 35 3500K 40 4000K 50 5000K TW 2700K-6500K (85+ CRI) XX Optional Color Temp & CRI Available | VU 120V-277V V3 347V | D* 1% 0-10V DN NON DIM DELV 1% Electronic Low Voltage Dimming (Reverse Phase dimming) DTRIAC 1% Electronic Low Voltage Dimming (Forward Phase dimming) DL1 Lutron Hi-Lume 1% EcoSystem DE .1% 0-10V DD1 1% DALI DDE .1% DALI DMX .1% DMX/RDM DTW .1% 0-10V Tunable White DDTW .1% DALI Tunable White XX Other (Please Specify) |
| *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. | | | | *Dim to Off available. Please Specify "-OFF" next to driver option if required. |

| Finish | Options | Canopy Mounting | Canopy Shape/Finish |
|--|---|---|---|
| SA* Powder Coated Silver Anodized WP* Powder Coated Matte White BP* Powder Coated Matte Black CC** Custom Powder Coated 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 | EMC_* Emergency Circuit(s) EMB_* Emergency Battery Pack(s) SOC* Occupancy Sensor SDL* Daylight Sensor MTC* Multiple Circuit(s) (Daylight, Occupancy, Zone Specific) BCS* Brilliant Communications Solutions (wired/wireless) 2C* 2 Circuit (Direct Light and Indirect Light (Controlled Independently)) JA8 JA8 Compliant | NC No Canopies C2 2" Canopies - Structure Mounting | SQS Square Silver SQW Square Matte White SQB Square Matte Black RNS Round Silver RNW Round Matte White RNB Round Matte Black |
| *The housing finish and end cap finish will match. ** Custom Color (CC) to be provided in satin finish and color to be specified by a RAL number. The housing finish and end cap finish will match. | *EMC: Specify quantity of emergency circuits. *EMB: Specify quantity of battery packs. Minimum 4' unit. *SOC & SDL: Specify spacing/location of sensor(s). *MTC: Circuit location(s) to be identified through factory supplied drawings *BCS: includes wired and wireless integration from our partners at nLight™, enlightened, Legrand, Crestron, Osram, Lutron and many more. *2C: Contact factory for driver orientation for independently controlled outputs. | | |

Single Driver Lumen Output Chart
Note: Remote drivers can power multiple segments up to 12'

| Segment Length | Lumen Output Options |
|----------------|----------------------|
| 1 | DLL, DML, DHL |
| 2 | DLL, DML, DHL |
| 3 | DLL, DML, DHL |
| 4 | DLL, DML, DHL |
| 5 | DLL, DML, DHL |
| 6 | DLL, DML, DHL |
| 7 | DLL, DML, DHL |
| 8 | DLL, DML, DHL |
| 9 | DLL, DML |
| 10 | DLL, DML |
| 11 | DLL, DML |
| 12 | DLL, DML |



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.

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.

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 powder coated silver anodized, powder coated white or powder coated black. Custom 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, pixelation or hotspots.

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

MOUNTING T-Grid Surface Mount

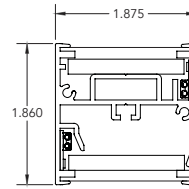
APPROVALS UL and cUL Listed. Approved for Dry/Damp locations. Made in the USA. JA8 Approved.

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.

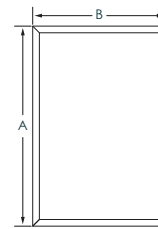
Dimensions



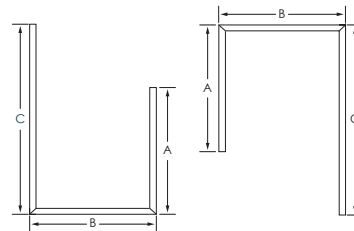
REMOTE

Patterns

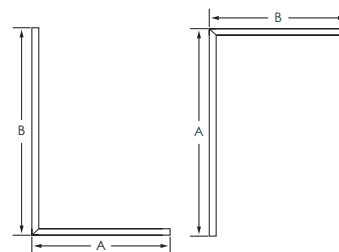
Note: All miters/patterns shown and ordered in plan view.



R__X__
Rectangle
Provide AxB
Example: R6'x4'



U__X__X__
U-Shape
Provide AxBxC
Example: U6'x4'x4'



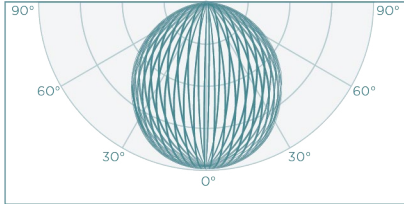
L__X__
L-Shape
Provide AxB
Example: L6'x4'



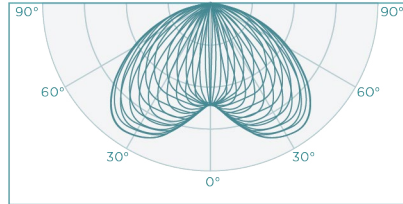
Microstructure EdgeTech Optics (MEO)™

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'.

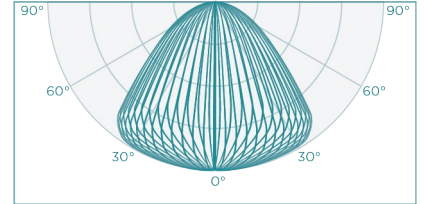
DIRECT



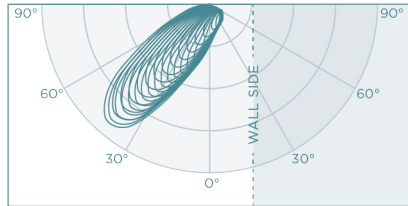
MEO DF
LAMBERTIAN



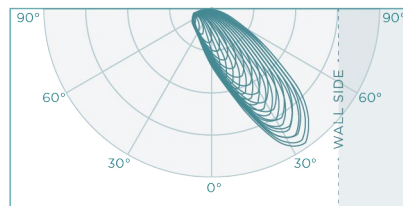
MEO BW
BATWING



MEO GC
GLARE CONTROL

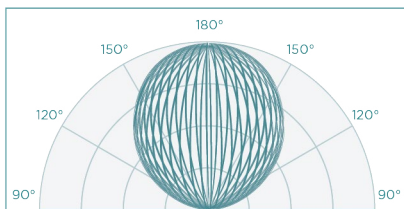


MEO RF
ROOM FILL



MEO WW
WALL WASH

INDIRECT



MEO DF
LAMBERTIAN

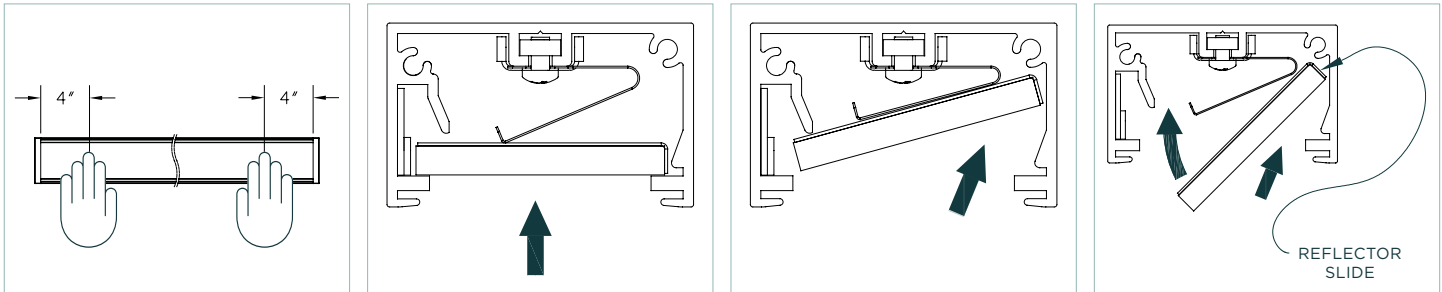


Installation

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.

