



Huntington 3 Series

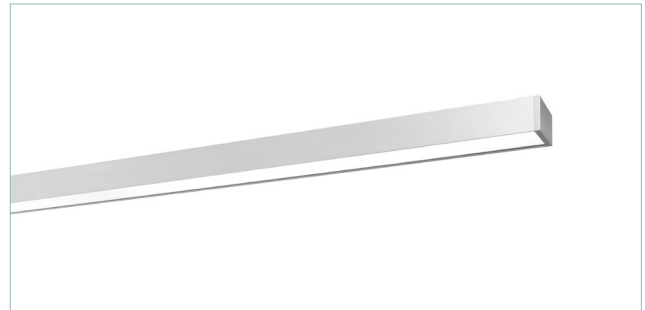
HTGDU-3W

WALL - DIRECT | INDIRECT

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 Ceiling Wash optics.
- MEO™ allows for minimalistic 3" 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 hotspots up to 300 feet.
- 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.



WALL - DIRECT | INDIRECT

Performance Overview

4' Huntington 3 Direct Indirect - 3500K 90CRI MEODF				
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	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 HERE				



EXTANT ARCHITECTURAL LIGHTING™

15161 Triton Lane, Huntington Beach, CA 92649 | 714-362-8099 | 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.

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ORDERING INFORMATION

EXAMPLE: HTGDU-3W-TD-9"-DLL-MEODF-ULL-MEODF-27-VU-DN-SA-SW

Project: _____

Date: _____ Type: _____

Product Family	Driver Location	Length	Direct Lumen Output	Direct Optics	Indirect Lumen Output
HTGDU-3W					
HTGDU-3W Direct and Indirect 3" Aperture (Wall Mount)	TD Integral Driver RD Remote Driver CD In-Canopy Driver	____ * Specify length in 1 foot increments L_X_ L Pattern PC Custom Pattern	DLL Low (224 l/ft @ 1.84 W)* DML Medium (552 l/ft @ 4.55 W)* DHL High (1088 l/ft @ 9.46 W)* SLO-XX Specified Lumen Output available.**	MEO MEODF Diffusing MEOBW Batwing MEOGC Glare Control	ULL Low (224 l/ft @ 1.84 W)* UML Medium (552 l/ft @ 4.55 W)* UHL High (1088 l/ft @ 9.46 W)* SLO-XX Specified Lumen Output available.**
Decorative open ceiling remote driver boxes available. Contact factory for details.	*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.	*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.	*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.		

Indirect Optics	Color Temp	Voltage	Driver	Finish	Options
MEO MEODF Diffusing MEOBW Batwing MEOGC Glare Control MEOCW* Ceiling Wash PRO** PROAY Asymmetric PROWD Wide PROBW Batwing PRODF 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)	SA* Silver Anodized WP* Matte White BP* Matte Black CC** Custom 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) JAB JAB Compliant
*MEOCW not configurable when MEODF selected **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.			*Dim to Off available. Please Specify "-OFF" next to driver option if required.	*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). *BCS: includes wired and wireless integration from our partners at nLight™, enlightened, Legrand, Crestron, Osram, Lutron and many more. *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.

Mounting
SW
SW Surface Wall

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 (Lambertian) or Ceiling 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. 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, pixelation or hotspots up to 300 feet with MEODF or 250 feet with MEOGC.

PATTERNS Standard L Pattern (L) available. Custom patterns available.

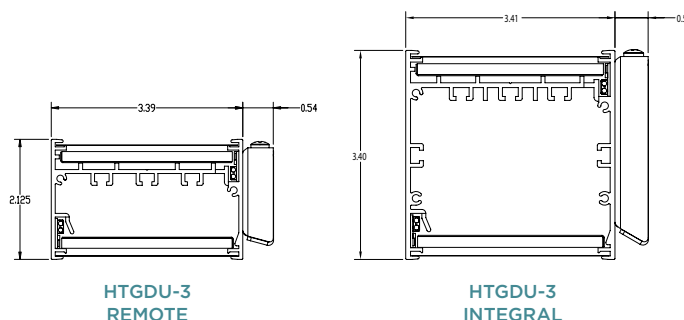
MOUNTING Surface Wall Mount.

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.

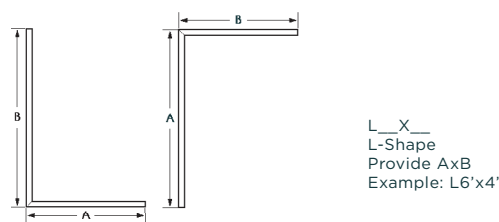
WARRANTY HTG3 offered with a 5-year limited warranty. 5-year limited warranty covers LED, driver and fixture. For further details, refer to General Warranty and Obligations at ExtantLighting.com.

Dimensions



Patterns

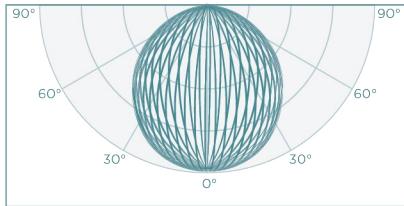
Note: Patterns shown and ordered in Plan View.



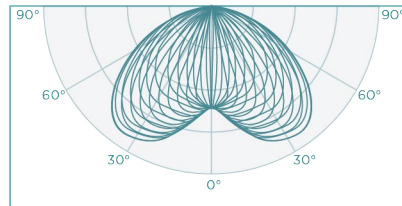
Microstructure EdgeTech Optics (MEO)[™]

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 or lens breaks up to 300' continuous rows.

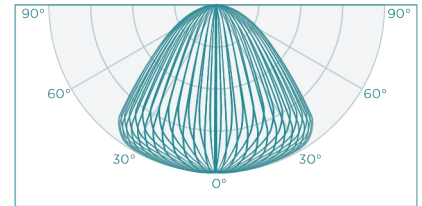
DIRECT



MEO DF
LAMBERTIAN

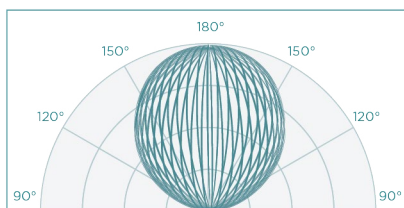


MEO BW
BATWING

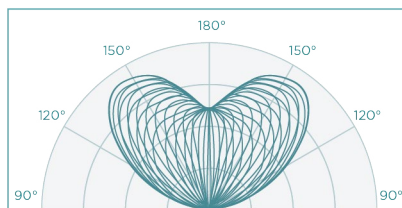


MEO GC
GLARE CONTROL

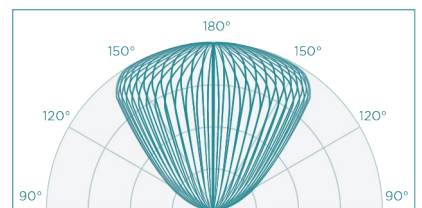
INDIRECT



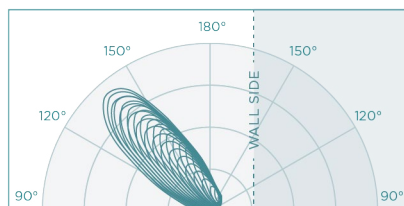
MEO DF
LAMBERTIAN



MEO BW
BATWING



MEO GC
GLARE CONTROL



MEO CW
CEILING WASH

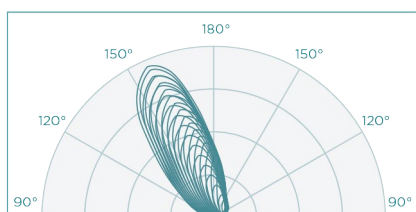
Precision Refractive Optics (PRO)

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.

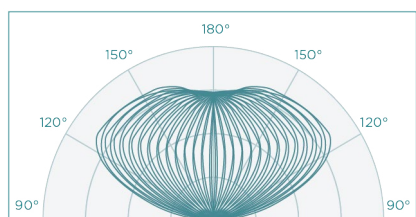
Please Note: The PRO optics are not a diffused light source. LED pixelation will be seen with this optic choice. If you want a completely diffused light source with no pixelation or hot spots, see our Microstructure EdgeTech Optics (MEO)™ options.

PRO optics are the more cost effective indirect solution.

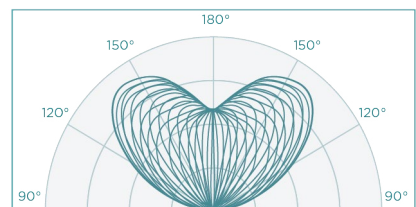
INDIRECT



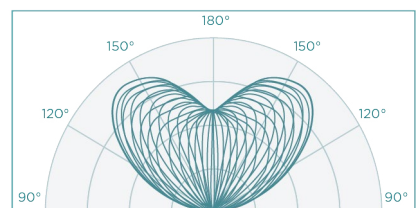
PROAY
ASYMMETRIC



PROWD
WIDE



PROBW
BATWING



PROBW
BATWING

Continuous Row Detail

NOTE: Detail below is specific to the Surface Wall 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"

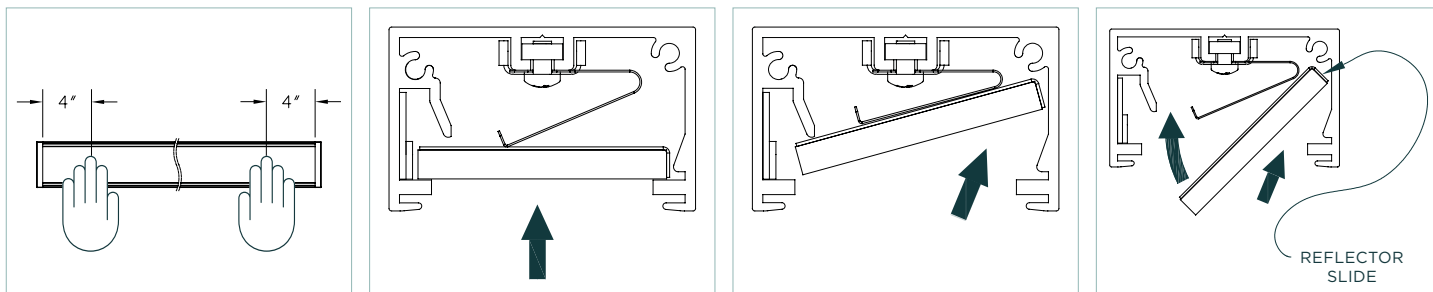


Installation

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.

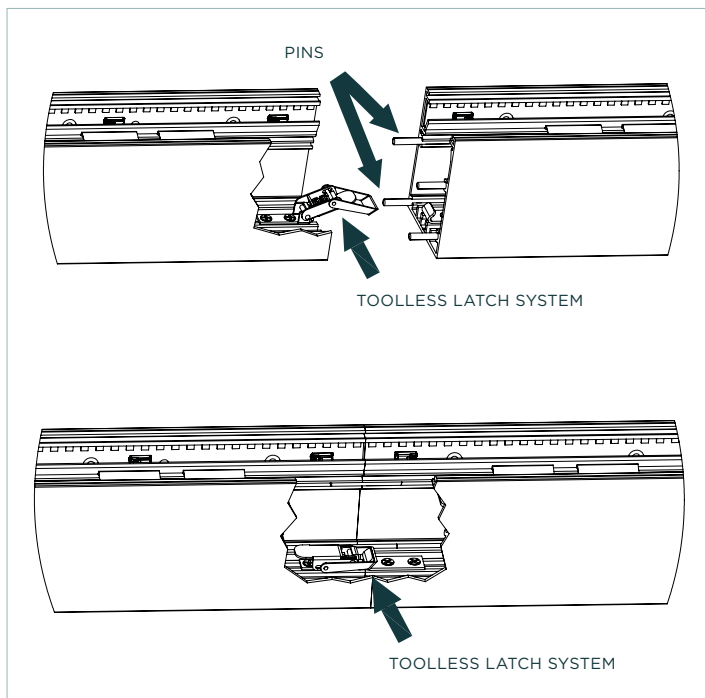
PUSH TO EJECT SYSTEM

Innovative "Push to Eject" System allows for toolless removal and installation of the Lightguide 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.

