



Huntington 1 Series

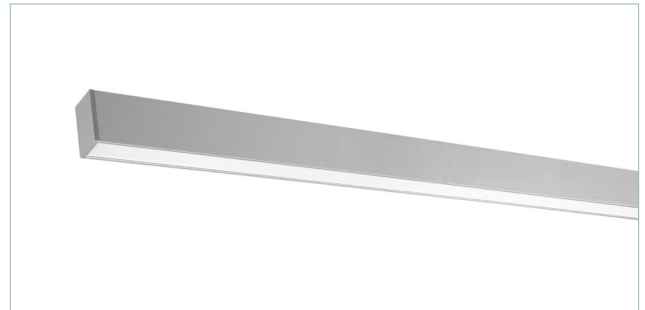
HTG-1W

WALL

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 Glare Control, Diffused (Lambertian), Room Fill or Ceiling 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 up to 250 feet.
- Surface Wall Mount
- Innovative Toolless "Push to Eject" System allows for easy installation and serviceability.
- No visible fasteners.
- Specified Lumen Outputs (SLO) available up to 1480 lm/ft.
- 90+ CRI as a standard with Tunable White available.
- Proudly crafted in Huntington Beach, CA - USA.
- BABA compliant in most configurations. Consult factory for details.



Performance Overview

4' Huntington 1 Direct - 3500K 90CRI				
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 (772 lm - 5920 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.

ORDERING INFORMATION

Project: _____

Date: _____ Type: _____

Product Family	Driver Location	Mounting Direction	Length	Lumen Output
HTG-1W HTG-1W Huntington Series 1.5" Aperture (Wall Mount)	TD Integral Driver RD Remote Driver	DT Direct UT Indirect	____ Specify Length* L_X L Pattern PC Custom Pattern *Minimum Integral Driver length is 2'. Minimum Remote can be shorter, consult factory. *Custom length fixtures can be ordered in 3" increments. *Any length over 8' requires multiple fixture segments.	DLL Low (193 lm/ft @ 1.84 w/ft)* DML Medium (477 lm/ft @ 4.55 w/ft)* DHL High (940 lm/ft @ 9.46 w/ft)* SLO-XX Specified Lumen Output available.** *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.

Optics	Color Temp	Voltage	Driver	Finish
MEQ MEODF Diffusing MEOGC Narrow Distribution MEORF Room Fill MEOCW Ceiling Wash* PRO** PROAY Asymmetric *Indirect Only **PRO Optics are only available for indirect orientation. PRO Optics are not a diffused light source. LED pixelation will be seen with this optic choice.	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K TW 2700K-6500K (85+ CRI) XX Optional Color Temp & CRI Available 90+ CRI is standard unless otherwise noted.	VU 120V-277V V3 347V	D 1% 0-10V* DN Non Dim DELV 1% Electronic Low Voltage Dimming (Reverse Phase dimming - 120V only) DTRIAC 1% Electronic Low Voltage Dimming (Forward Phase dimming - 120V only) 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 DT8 1% DALI Tunable White XX Other (Please Specify) *Dim to Off available. Please Specify "-OFF" next to driver option if required.	SA Powder Coated Silver Anodized* WP Powder Coated Matte White* BP Powder Coated Matte Black* CC Powder Coated 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 *The housing finish & end cap finish will match. **Custom Color (CC) to be provided in satin finish & color to be specified by a RAL number. The housing finish & end cap finish will match.

Options	Mounting
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 & Indirect Light Controlled Independently) JA8 JA8 Compliant *EMC: Specify quantity of emergency circuits per run. *EMB: Specify quantity of battery packs per run. 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 & wireless integration from our partners at nLight™, enlightened, Legrand, Crestron, Osram, Lutron & many more.	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 Narrow Distribution, Diffused (Lambertian), Room Fill or Ceiling Wash Optics. Precision Refractive Optics (PRO) also available in Asymmetric for indirect mounting direction.

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, and 5000K. LED modules are easily accessible and replaceable. Tunable White available.

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.

FINISH Standard finishes include powder coated silver anodized, powder coated matte white or powder coated matte black. Custom powder coated finishes available (RAL number matched).

CONTINUOUS ROWS Innovative Toolless Latch system ensures simple installation. Seamless continuous rows with no lens breaks, pixelation or hotspots up to 250 feet.

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

MOUNTING Surface Wall Mount.

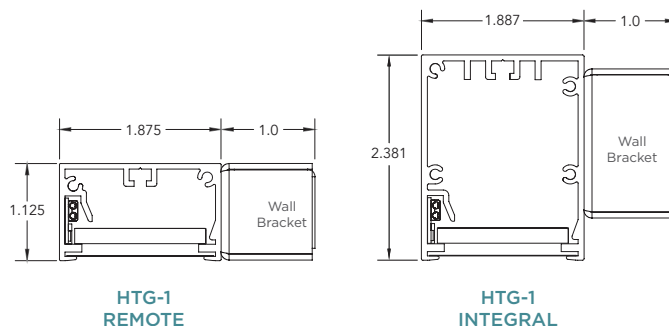
APPROVALS UL and cUL Listed. Approved for Dry/Damp locations. Made in the USA. BABA compliant in most configurations. JA8 Approved.

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

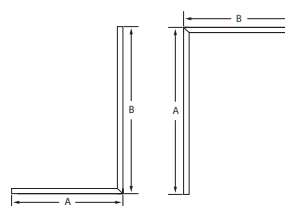
PATENTS Extant Lighting's intellectual property is protected under Patent No. US 11,378,262 B2 and 12,007,101 B2 by the U.S. Patent Office.

Dimensions



Patterns

Note: Patterns shown and ordered in Plan View.



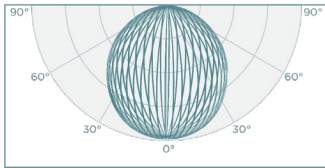
L__X__
L-Shape
Provide Ax B
Example: L6'x4'



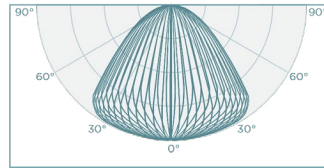
Microstructure EdgeTech Optics (MEO)™

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 250' continuous rows.

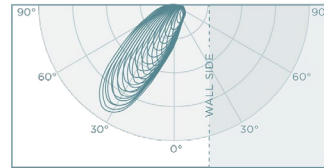
DIRECT



MEODF
LAMBERTIAN

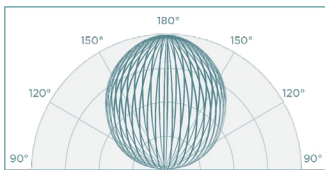


MEOGC
NARROW DISTRIBUTION

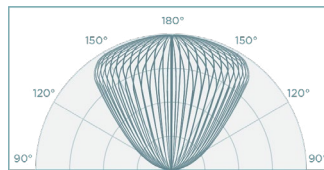


MEORF
ROOM FILL

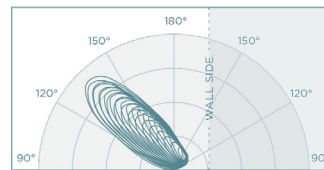
INDIRECT



MEODF
LAMBERTIAN



MEOGC
NARROW DISTRIBUTION



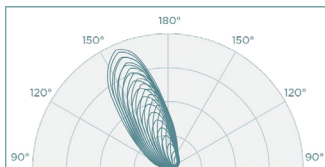
MEOCW
CEILING WASH

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



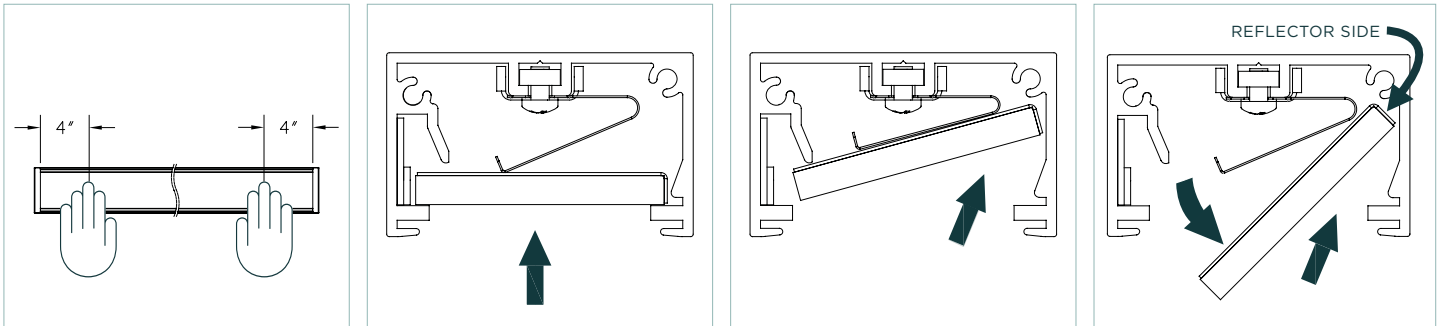
PROAY
ASYMMETRIC

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.

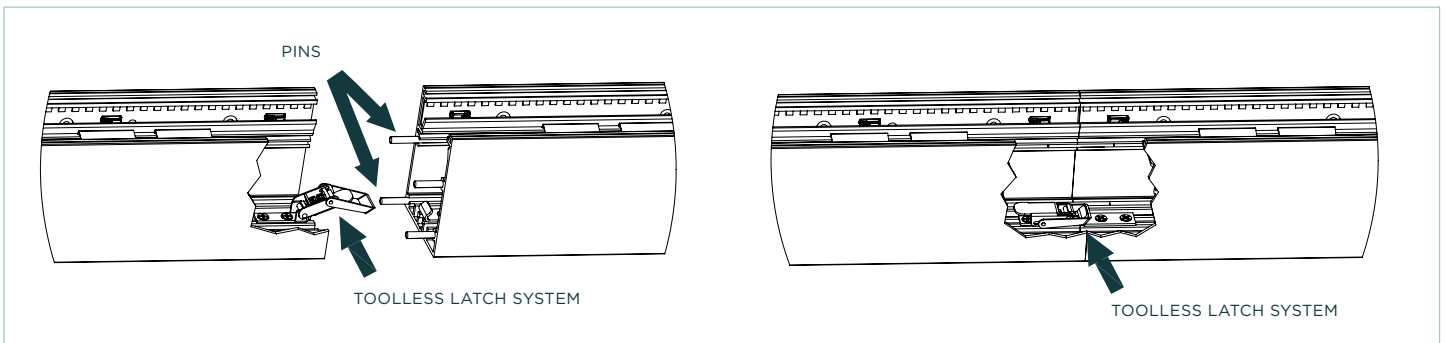
PUSH TO EJECT SYSTEM

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.



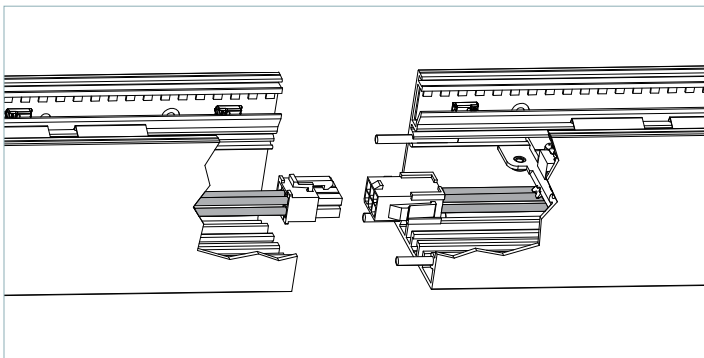
TOOLLESS LATCH SYSTEM

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.



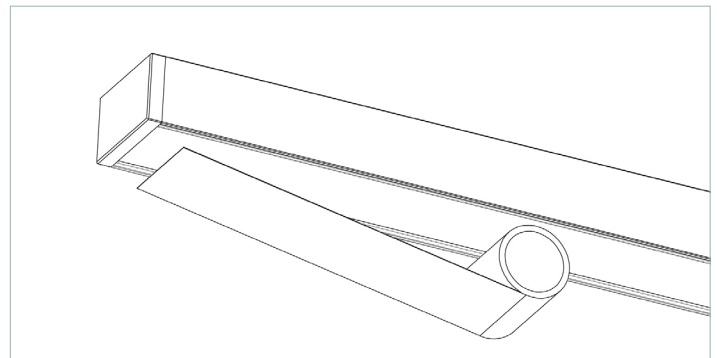
QUICK-CLICK THRU-WIRE SYSTEM

Our integral driver Quick-Click Thru-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.



MEO™ OPTIC

MEO™ design utilizes high efficiency extraction and precise light management. MEO™ lens must be installed to ensure proper performance.

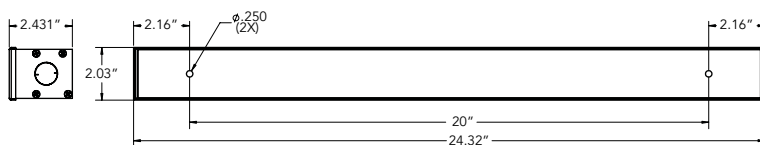


Decorative Driver

SINGLE DRIVER BOX

For driver input watts see SLO Configurator of Specified Fixture for input (aka "consumed") wattage

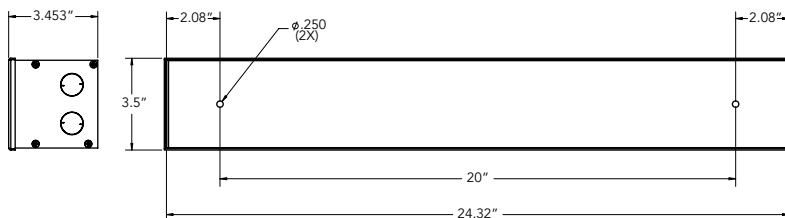
- Houses 1 remote LED Driver
- DL2 driver option up to 45 input watts
- D, DN, DD1 driver options up to 90 input watts
- DL5, DL1, DE and DDE driver options up to 80 input watts
- Available in SA Silver Anodized, WP Matte White, BP Matte Black and CC Custom Color finishes.
- Remote Driver distance cannot exceed 32' for D, DN, and DD1 driver options, 10' for DL5, DL1 and DL2 driver options and 46' for DE and DDE driver options.
- Compatible for single circuit Direct/Indirect fixture only if Uplight and Downlight Outputs specifications are identical and total luminaire wattage does not exceed values above.
- Suspended fixtures have AWM feeds factory prewired, 6" longer than aircraft cable specification and remote driver Surface Mount fixtures have 10' AWM leads out of fixture.



DUAL DRIVER BOX

For driver input watts see SLO Configurator of Specified Fixture for input (aka "consumed") wattage

- Houses 2 remote LED Drivers or 1 LED Driver and one EM Battery Pack. Can also house 1 LED Driver and GTD or other UL Listed linear form factor devices. Consult factory for more information.
- EM test switch installed on side of driver box for EM versions.
- Available in SA Silver Anodized, WP Matte White, BP Matte Black and CC Custom Color finishes.
- D, DN, DD1 driver options up to 180 input watts. Each of the 2 driver cannot exceed 90 input watts individually
- DL5, DL1, DE and DDE driver options up to 160 input watts. Each of the 2 drivers cannot exceed 80 input watts individually.
- DL2 driver option up to 90 input watts. Each of the 2 drivers cannot exceed 45 input watts individually.
- Remote Driver distance cannot exceed 32' for D, DN, and DD1 driver options, 10' for DL5, DL1 and DL2 driver options and 46' for DE and DDE driver options or ½ these listed dimensions if the driver is paired with EM Battery Pack.
- Dual Driver box needed for Direct/Indirect fixtures with different light levels selected for Uplight and Downlight sides, certain higher wattage specifications or 2C 2 Circuit specifications with independent control for Uplight and Downlight Outputs.

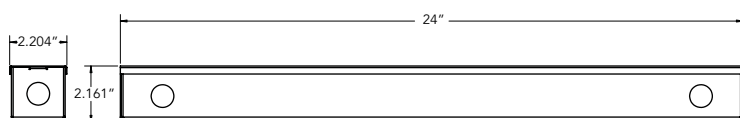


Decorative Driver

SINGLE DRIVER BOX

For driver input watts see SLO Configurator of Specified Fixture for input (aka "consumed") wattage

- Houses 1 remote LED Driver
- Finish is raw galvanized steel
- D, DN, DD1 driver options up to 90 input watts
- DL5, DL1, DE and DDE driver options up to 80 input watts
- DL2 driver option up to 45 input watts.
- Remote Driver distance cannot exceed 32' for D, DN, and DD1 driver options, 10' for DL5, DL1 and DL2 driver options and 46' for DE and DDE driver options.
- Compatible for single circuit Direct/Indirect fixture only if Uplight and Downlight Outputs specifications are identical and total luminaire wattage does not exceed values above.
- Suspended fixtures have AWM feeds factory prewired, 6" longer than aircraft cable specification and remote driver Surface Mount fixtures have 10' AWM leads out of fixture.



DUAL DRIVER BOX

For driver input watts see SLO Configurator of Specified Fixture for input (aka "consumed") wattage

- Finish is raw galvanized steel
- EM test switch installed on lid of driver box for EM versions.
- Houses 2 remote LED Drivers or 1 LED Driver and one EM Battery Pack.
- Can also house 1 LED Driver and GTD or other UL Listed linear form factor devices. Consult factory for more information.
- D, DN, DD1 driver options up to 180 input watts. Each of the 2 drivers cannot exceed 90 input watts individually
- DL2 driver option up to 90 input watts. Each of the 2 drivers cannot exceed 45 individually.
- DL5, DL1, DE and DDE driver options up to 160 input watts. Each of the 2 drivers cannot exceed 80 input watts individually.
- Remote Driver distance cannot exceed 32' for D, DN, and DD1 driver options, 10' for DL5, DL1 and DL2 driver options and 46' for DE and DDE driver options or ½ these listed dimensions if the driver is paired with EM Battery Pack.
- Dual Driver box needed for Direct/Indirect fixtures with different light levels selected for Uplight and Downlight sides, certain higher wattage specifications or 2C 2 Circuit
- specifications with independent control for Uplight and Downlight Outputs.

