



Huntington 1 Series

HTGDU-1P-RD-PDS

DIRECT | INDIRECT - POWER DOWN SUSPENSION

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), Room Fill, Ceiling Wash or Wall Wash Optics.
- Minimalist Suspension Cord
 - 1/8" Silver or White with Chrome-Plated Connectors.
 - Carries a Positive and Negative Wire within each cord.
 - Suspend up to 10' from the canopy to fixture.
- MEO™ allows for minimalistic 1.5" Aperture fixtures with extremely low profiles.
- PRO optics available with Asymmetric, Wide, Batwing and Diffusing distributions.
- Individually controlled Direct and Indirect 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 hot spots up to 250 feet.
- Specified Lumen Outputs (SLO) available up to 940 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 MEODF				
Lumen Output	LL (Low)	ML (Medium)	HL (High)	SLO* (Specified)
Delivered Lumens	772	1908	3760	772-3760
Consumed Wattage	15	36	76	14.6-76
Efficacy (lm/w)	105	105	99	90-105
SDCM	3	3	3	3

*Specified Lumen Output (SLO) available in customizable lumen configurations. (772-5920 lm). See SLO Configurator [HERE](#).



ORDERING INFORMATION

Project: _____

Date: _____ **Type:** _____

Product Family	Driver Location	Mounting	Length	Direct Lumen Output	Direct Optics	Indirect Lumen Output
HTGDU-1P Huntington Series Direct Indirect 1.5" Aperture (Suspended)	RD Remote Driver	PDS PDS Power Down Suspension	___ Specify Length* R_X_ Rectangle L_X_L Pattern U_X_X_ U Pattern	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.***	MEO MEODF Diffusing MEOBW Batwing MEOGC Glare Control MEORF Room Fill MEOWW Wall Wash	ULL Low (193 lm/ft @ 1.84 w/ft)* UML Medium (477 lm/ft @ 4.55 w/ft)* UHL High (940 lm/ft @ 9.46 w/ft)** SLO-XX Specified Lumen Output available.***
	Decorative and In-Canopy remote drivers available. Contact factory for spec codes & details.		*Minimum fixture length is 2'. *Custom length fixtures can be ordered in 3" increments. *Any length over 8' requires multiple fixture segments. See Continuous Row Drawing on product webpage.	*Delivered lumen output & consumed wattage based on "MEODF 35" (90 CRI - 3500K). See SLO Configurator for alternate outputs. **DHL is the highest output for PDS System ***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. **UHL is the highest output for PDS System ***See SLO Configurator at ExtantLighting.com for appropriate "XX" output.

Indirect Optics	Color Temp	Voltage	Driver	Finish
		VU		
MEO MEODF Diffusing MEOBW Batwing MEOGC Glare Control 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	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 POE Power over Ethernet (Consult Factory) XX Other (Please Specify)	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
*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.	90+ CRI is standard unless otherwise noted.		*Dim to Off available. Please Specify "-OFF" next to driver option if required. **DELV & DTRIAC Drivers only available up to SLO-18.	*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	Cable Length	Power Cord	Canopy Mounting	Canopy Shape/Finish
EMC_ Emergency Circuit(s)* EMB_ Emergency Battery Pack(s)* 2C 2 Circuit (Direct Light and Indirect Light Controlled Independently) JAB JAB Compliant	24 24" 48 48" 72 72" 96 96" 120 120"	SL Silver WH White	C5 5" Canopies - JBox (Standard)	SQS Square Silver SQW Square Matte White SQB Square Matte Black RNS Round Silver RNW Round Matte White RNB Round Matte Black
*EMC: Specify quantity of emergency circuits per run. *EMB: Specify quantity of battery packs per run. Consult factory for compatibility with sensors wired/ wireless communication systems.	All cables are field adjustable to the maximum of the specified length.			



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, Diffuse (Lambertian), Room Fill, or Wall Wash Optics. Precision Refractive Optics (PRO) available in Diffused, Batwing, Wide and Asymmetric for indirect mounting direction.

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

VOLTAGE Universal 120/277V (VU).

EMERGENCY BATTERY Factory provided low profile 10W emergency battery for UL924 required 90-minute run time.

FINISH Standard finishes include powder coated silver, powder coated matte white or powder coated matte black. Custom anodized and powder coated finishes available (RAL number matched). 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 250 feet.

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

MOUNTING Minimalist 1/8" Silver or White suspension cord with Chrome-Plated Connectors. Suspension cord carries the Positive and Negative Wire. Suspend up to 10' from the canopy to fixture.

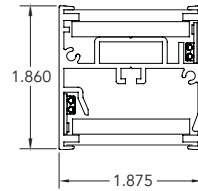
APPROVALS UL and cUL Listed. Approved for Dry/Damp locations. Made in the USA. BABA compliant in most configurations. JA8 Compliant.

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.

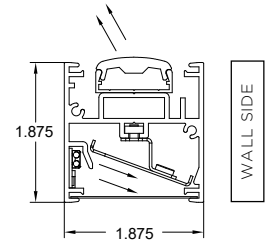
WARRANTY All Extant fixtures offered with a 5-year limited warranty which covers LED, driver and fixture. For further details, refer to General Warranty and Obligations at ExtantLighting.com.

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.

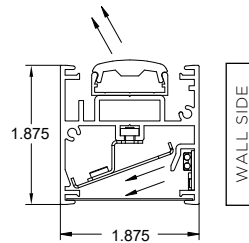
Dimensions



HTGDU-1P REMOTE



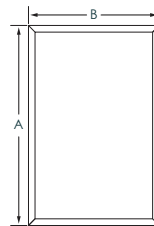
HTGDU-1P REMOTE
MEOWW(DIR)/PROAY(IND)



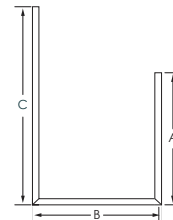
HTGDU-1P REMOTE
MEORF(DIR)/PROAY(IND)

Patterns

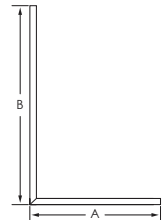
Note: All miters/patterns shown and ordered in plan view.



R__X__
Rectangle
Provide AxB
Example: R6'x4'



U__X__X__
U-Shape
Provide AxBxC
Example: U4'x4'x6'

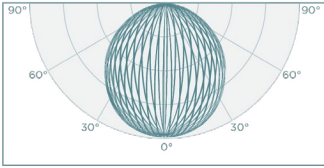


L__X__
L-Shape
Provide AxB
Example: L4'x6'

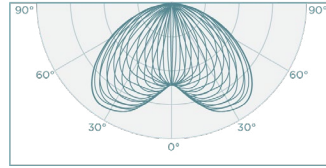
Microstructure EdgeTech Optics (MEO)™

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 250' continuous rows.

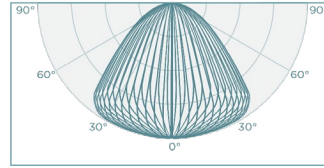
DIRECT



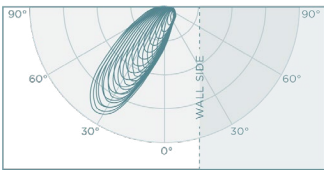
MEO DF
LAMBERTIAN



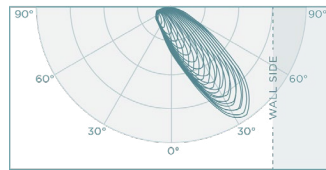
MEO BW
BATWING



MEO GC
GLARE CONTROL

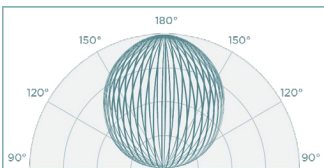


MEO RF
ROOM FILL

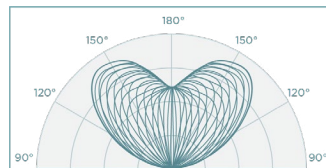


MEO WW
WALL WASH

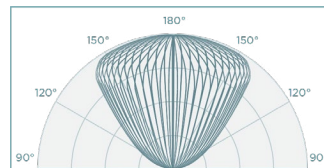
INDIRECT



MEO DF
LAMBERTIAN



MEO BW
BATWING



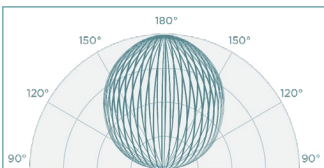
MEO GC
GLARE CONTROL

Precision Refractive Optics (PRO)

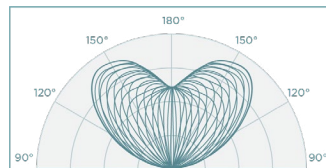
Precision Refractive Optics (PRO) are designed to produce precise optic control for diverse design applications. PRO utilizes the latest in extruded lens technology that mount directly to the LED board channel to give optimum control.

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.

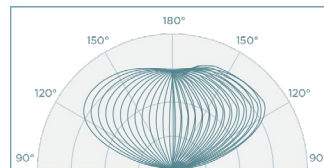
INDIRECT



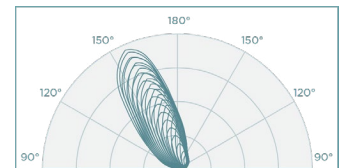
PRO DF
LAMBERTIAN



PRO BW
BATWING



PRO WD
WIDE



PRO ASY
ASYMMETRIC

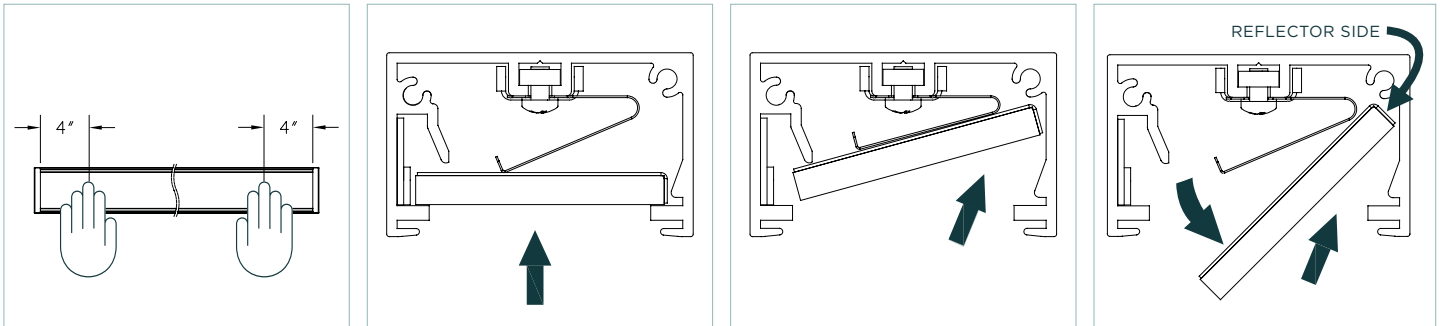


Installation

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.

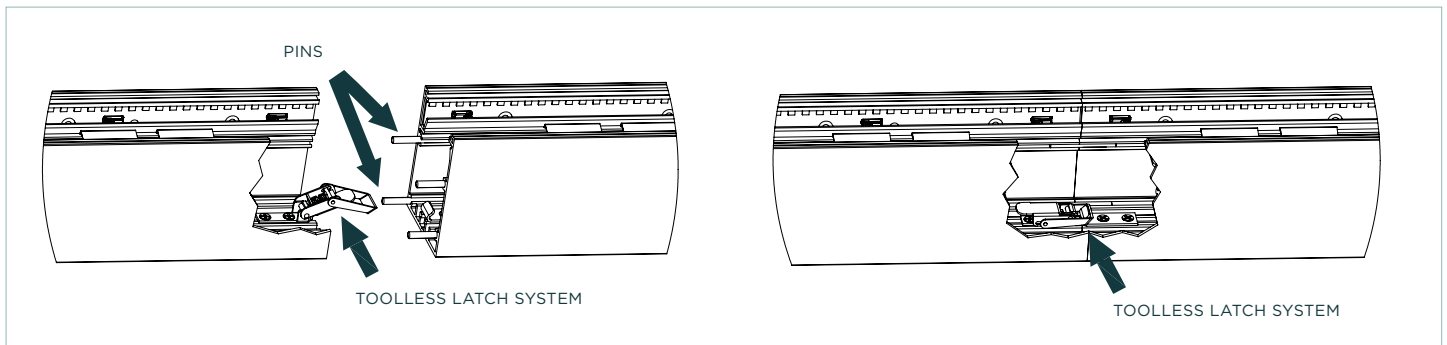
PUSH TO EJECT SYSTEM

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.

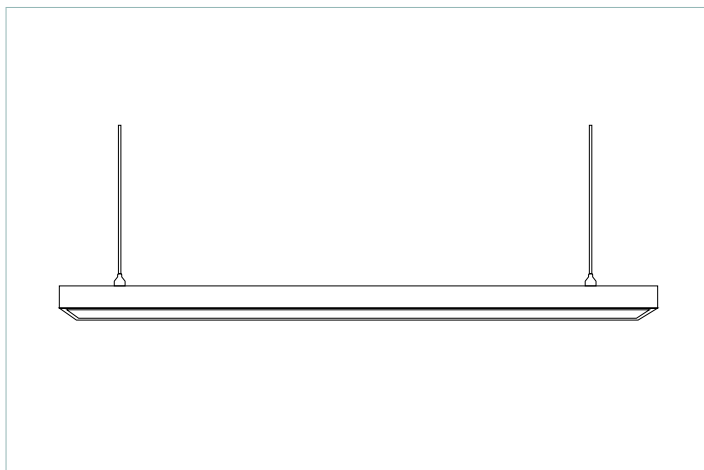


TOOLLESS LATCH SYSTEM

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.



POWER DOWN SUSPENSION



MEO™ OPTIC

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

