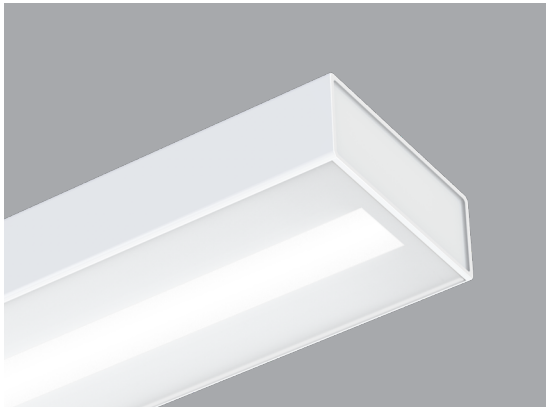


MEDIUS

WALL DIRECT/INDIRECT
ASYMMETRIC



Shown with HLO optics

DESCRIPTION

Within its compact 1 15/16" x 4 3/4" profile, Medius supports optics for high performance direct/indirect lighting. The result is efficacy up to 115 LPW. Medius configures as individual luminaires or continuous runs and features the full range of electrical and control options.

PROJECT: _____

TYPE: _____

NOTES: _____



SENSORS
For latest information on sensors, click [here](#).



ORDER GUIDE

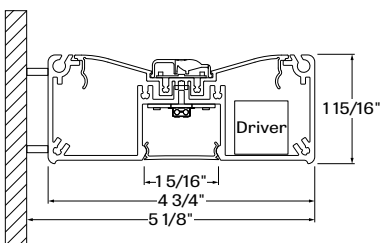
MEDWDI	HLO	WAI2	SW		
LUMINAIRE ID	DIRECT OPTICS	INDIRECT OPTICS	LIGHT SOURCE	CRI	DIRECT LUMEN PACKAGES
MEDWDI - Medius Wall Direct/Indirect	HLO - High-Efficiency Lambertian Optic	WAI2- Widespread Asymmetric Indirect Optics	SW - Static white	80 - 80CRI 90 - 90CRI	350 - Min. Eco Low Output 350lm/ft 500 - Low Output 500lm/ft 750 - Medium Output 750lm/ft 1000 - High Output 1000lm/ft #### - Other required lm/ft

INDIRECT LUMEN PACKAGES	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER
350 - Min. Low Output 350lm/ft 500 - Medium Output 500lm/ft 750 - Max. High Output 750lm/ft #### - Other required lm/ft	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	Standard sections - 4', 8' & 12' For all other specify length #FT - Nominal length in feet only Continuous Run - for luminaires over 12' Minimum Individual section 4'	120 - 120V 277 - 277V UNV - 120V-277V 347 ¹ - 347V ¹ Available with D1 driver only.	D1 - 1% 0-10V DA ² - DALI LDE1 ² - Lutron Hi-Lume 1% Eco ² On-site commissioning is required.

ELECTRICAL	MOUNTING	FINISH	CONTROLS ³	OPTIONS
1 - 1 Circuit 2 - 2 Circuits + #EB - Emergency battery (min 4' fixture per battery) + #EM - Emergency light circuit + #NL - Night light circuit	DMB - Drywall mounting bracket	W - Matte white AL - Aluminum CF# - Custom finish specify RAL#	STANDALONE CONTROLS^{4,5} Specify the quantity (#) of sensors per fixture. #ODS - Onboard Daylight CONNECTED CONTROLS⁶ NA - None ³ Standalone and connected control options cannot be combined. ⁴ Available with D1 driver and 1 circuit options only. ⁵ Minimum 4' per zone. Provide control zone length. ⁶ Consult factory for connected controls. Compatible systems include Lutron, Encelium, Cooper, Acuity, Casambi, and Legrand.	FU120 - Fuse120V FU277 - Fuse 277V TB# - T-bar caddy clip specify grid size TG# - Tegular caddy clip specify grid size ST - Screw Slots caddy clip CU - Custom

See page 2 for ordering code detailed information

CROSS SECTION



MEDWDI - HLO-WAI2

MEDIUS-WALL-DIRECT-INDIRECT-SPEC-REV3

Page: 1 / 3

February 6, 2026



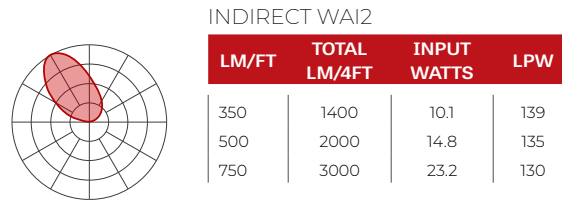
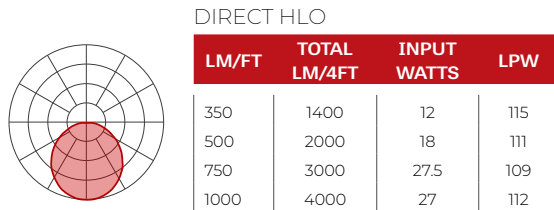
MEDIUS

WALL DIRECT/INDIRECT
ASYMMETRIC



PERFORMANCE

Delivered lumens at 35K at 80CRI.



MULTIPLIER TABLES

Use these tables to get results for different color temperatures, CRI, for all Direct and Indirect photometric tables.

HLO - WAI2

CCT (K)	Watts		LPW	
	CRI 80	CRI 90	CRI 80	CRI 90
2700	1.05	1.27	0.95	0.79
3000	1.02	1.23	0.98	0.81
3500	1.00	1.19	1.00	0.84
4000	1.00	1.19	1.00	0.84

DIRECT OPTICS

High Efficiency Lambertian Optic (HLO) The High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration is combined with matte white side reflectors to create an efficient optical chamber with uniform luminosity. Luminaire brightness is controlled by the flux-to-shielding area ratio. For visual comfort, avoid high lumen output unless Medius is installed in a high ceiling application. Spacing criteria: 1.2 (longitudinal) x 1.1 (lateral).

INDIRECT OPTICS

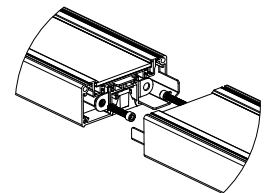
Widespread Asymmetric Indirect Optic (WAI2) The Widespread Asymmetric Indirect Optic (WAI2) offers an upward grazing effect with a 45° forward throw. It softly highlights the ceiling in the up-light while distributing the required illumination of the rest of an interior space. For avoiding glare and enjoying visual comfort, WAI2 is an ideal solution.

LIGHT SOURCE - LED

Custom linear array of mid-flux LED's are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

LUMINAIRE LENGTH

Medius is made up of standard 4, 8 and 12 foot sections that may be joined together to create longer continuous run lengths. Nominal run length must be noted in the product code. The minimum individual section available is 4 foot. All individual sections are joined together onsite using the joiner kits provided. LumenWerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.



Joining system for Medius
Direct/Indirect

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency > 84%, PF > 0.9, THD < 20%. Other specifiable options include Lutron Hi-Lume 1% Eco and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

Access: Driver is accessible for field service by removing the upright LED and light guide cartridge.

EMERGENCY BATTERY

Each emergency battery powers a 4' section. Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours.

MOUNTING OPTIONS

Fixtures may be horizontally mounted to the wall using a bracket. For long runs, a minimum of 6" from adjacent walls is required.

FINISH

Interior - 95%, reflective matte powder coated white paint

Exterior - matte white, matte black or aluminum powder coating

Side reflector - high reflective white coating

Custom finishes are also available.

CONTROLS

Lumenwerx offers several options for integrating occupancy and daylight harvesting controls in our luminaires.

For latest information on sensors, click [here](#).



Standalone controls

An integrated standalone sensor controls the luminaire in which it is installed.

Depending on the length, more than one sensor may be necessary and may control the entire luminaire, or just a section of it. These controls operate independently.

Unless otherwise agreed, sensor location, blank size, and functionality of the sensor within the luminaire are selected by Lumenwerx. See client drawings for details.

One type is available:

ODS: An integral, daylight harvesting sensor with closed-loop operation dims the luminaire in which it is installed in order to compensate for available daylight. The sensor measures the combination of daylight and luminaire light reflected from horizontal surfaces below the luminaire. Initial onsite calibration is required via the use of provided remote control.

Connected controls

With connected controls, sensors or nodes installed in the luminaire form part of a larger control system infrastructure from manufacturers such as: Lutron, Encelium, Cooper Wavelinx, Acuity nLight, Casambi, Legrand, and others. These connected controls allow for a scalable system providing features like occupancy and daylight control, manual control, scheduling and configuration of various zones and scenes. Energy reporting and system monitoring are also possible. Specific capabilities depend on the control system being used. Consult factory for integrating connected controls in a wall fixture.

CONSTRUCTION

Housing - Extruded aluminum 0.085" nominal, matte white or aluminum powder coating
Custom finishes are also available.

End cap - Die cast Aluminum (0.95" nominal)

Joiners - Die cast Aluminum (0.95" nominal)

Interior brackets - Die formed cold rolled sheet steel 20 gauge thick

Reflectors - High reflective white coated bent aluminum

Light guide - Clear PMMA Laminated with microstructure film formed into optical TIR/extraction form

WEIGHT

Medius 4 ft - 10.5 lbs, 4.8kg

Medius 8 ft - 19.7 lbs, 8.9kg

Medius 12 ft - 28.8 lbs, 13.1kg

CERTIFICATION

ETL - Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

LumenWerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. LumenWerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.