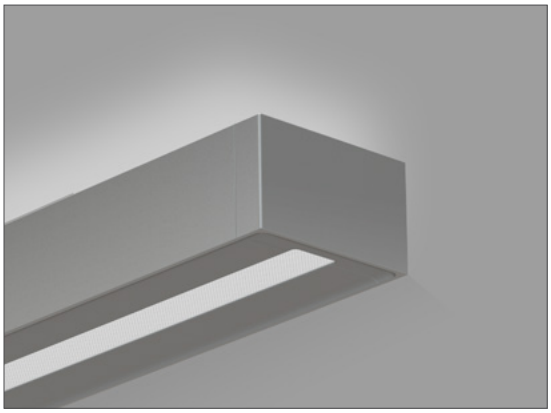
CANYON

WALL DIRECT/INDIRECT

5 YEARS WARRANTY

LUMENWERX
WWW.LUMENWERX.COM



Shown with a PMO optics

DESCRIPTION

Canyon is a narrow linear LED luminaire with a distinctive 1.25" aperture running the length of the housing. Using advanced LED engines and optical control, Canyon provides wide spread uplight and a gentle glow of downlight from a 90/10 indirect and direct light distribution. delivering both efficient and comfortable illumination. Canyon is offered in a choice of color temperatures, together with comprehensive electrical and controls options. Please see additional specification sheets for Canyon for wall mounting and LED sources.

PROJECT: _____

TYPE: _____

NOTES: _____

ORDER GUIDE

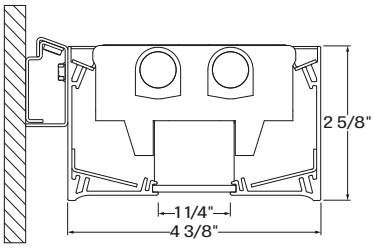
CANW				
LUMINAIRE ID	**OPTICS**	**LIGHT SOURCE**	**NUMBER OF LAMPS**	**LIGHT DISTRIBUTION**
CANW - canyon wall	**PMO** - precision micro-prism Optic **HLO** - High-Efficiency Lambertian Optic	**T5** - T5 lamp **T5HO** - T5HO lamp	**1** - 1 lamp **2** - 2 lamps **3** - 3 lamps	**10-90** - 10% down - 90%up

				DMB
LUMINAIRE LENGTH	**VOLTAGE**	**BALLAST**	**ELECTRICAL**	**MOUNTING**
#FT - nominal length in feet Standard sections - 4', and 8' Continuous Run - for luminaires over 8	**120** - 120V **277** - 277V **UNV** - 120V-277V **347** - 347V (not available with Lutron)	**RS** - rapid start **D** - dimming 0-10V **ST** - step dimming **DA** - dali **LHL** - Lutron Hi-Lume 3D **LEH** - Lutron EcoSystem H **LE**- Lutron EcoSystem	**1** - 1 circuit **2** - 2 circuits **+#EB** - emergency battery (min 4' fixture, except Lutron) **+#EM** - emergency light circuit **+#NL** - night light circuit **+GTD###** - generator transfer device, 120V or 277V	**DMB** - drywall mounting bracket

See page 2 for ordering code detailed information

FINISH	**CONTROLS**	**OPTIONS**
W - matte white **AL** - aluminum **CF#** - custom finish specify RAL#	INDIVIDUAL CONTROLS **OMS** - Onboard Occupancy **ODS** - Onboard Daylight **OCS** - Onboard Occupancy & Daylight GROUPED CONTROLS **LSC** - Local system **NSC** - Network system	**FU** - fuse **CU** - custom

CROSS SECTION



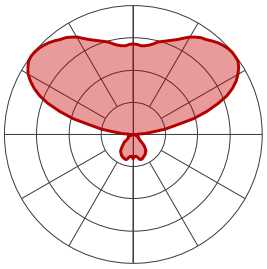
CANW - wall

OPTICS

PRECISION MICRO-PRISM-OPTIC (PMO) - Angled LED array with matte aluminum reflectors and precision Micro-Prism Optic (PMO) shielding of 0.1" thick acrylic. Precisely formed pyramidal prisms with a 0.04" square base provide outstanding control of high-angle brightness. Canyon's widespread optic provides a batwing uplight distribution with peak intensity at 120° and a peak:zenith ratio of 2:1, permitting luminaire spacing ratio of 8:1 with even ceiling and task plane illuminance. The PMO optic provides 45° optical cut off for the downlight.

HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO) - Angled LED array with matte aluminum reflectors and High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic. HLO delivers up to 88% transmission and good source obscuration. Canyon's widespread optic provides a batwing uplight distribution with peak intensity at 120° and a peak:zenith of 2.5:1 , permitting luminaire spacing ratio of 8:1 with even ceiling and task plane illuminance. Luminaire brightness is controlled by the flux-to-shielding area ratio.

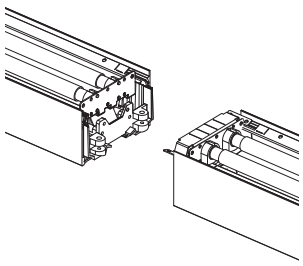
LIGHT DISTRIBUTION



10-90 - 10% down - 90%up

LUMINAIRE LENGTH

Canyon is made up of standard 4, 8 and 12 foot sections that may be joined together to create continuous run lengths. Nominal run length required must be noted in the product code. The minimum individual section available is 2 feet. 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 Canyon

ELECTRICAL

Universal input voltages with multiple control schemes offered. Consult factory for availability.

EMERGENCY

Factory installed long life high temperature recyclable Ni-Cad battery pack with test switch and charge indicator, minimum of 90 minutes operation. 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 or aluminum powder coating. Custom finishes are also available.

CONTROLS

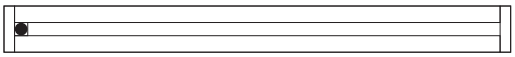
LumenWerx offers several options for integrating occupancy and daylight controls. Whether a sensors control its own fixture or is part of a group of fixtures, lights can be automatically controlled according to different energy saving strategies.

With **individual Controls**, an on-board sensor controls the fixture in which it is installed. Depending on the length, more than one sensor may be necessary and may control the entire fixture, or just a section.

With **Grouped Controls**, on-board or remote sensor are part of a either a local or network sensor infrastructure. It's possible to scale the controls, from a switch to a fixture setup, to a room or a whole building Occupancy and or daylight harvesting.

INDIVIDUAL CONTROLS

Individual controls are integrated into the fixture and are therefore easy to use and allow for a cleaner looking space as no ceiling or wall-mounted sensors are required. Individual controls can be one of three types (**OMS**) Occupancy, (**ODS**) Daylight Harvesting (Photocell), or (**OCS**) combined occupancy and daylight harvesting. These controls will be installed with factory settings, but most offer field adjustability with regular tools or manufacturer supplied configuration tools.



Location of an Onboard control

GROUPED CONTROLS

Local systems permit added flexibility and interconnectivity. Each fixture can now become part of a group of fixtures and be controlled by On-Board or remote sensors as well as wireless switches or controllers. With this architecture, it is now possible to have fewer fixtures with On-Board sensor which control all of the fixtures of the lighting zone. In order to have grouped controls programmed in factory, it is required that a floor layout with requested grouping and functionality be supplied. Field commissioning is also possible but must be requested and discussed before final Purchase Order is placed.

Network Controls, Lumenwerx fixtures are compatible with most popular BMS integration protocols such as DALI, DMX, EnOcean, BACnet, Enlighted and Lutron Ecosystem just to name a few. Field commissioning is usually required and details must be discussed before final Purchase Order is placed.
Please contact our controls department at controls@lumenwerx.com for further assistance.

CONSTRUCTION

Housing - Extruded Aluminum 0.075" nominal, matte white or aluminum powder coating. Custom finishes are also available.
End cap - Die cast Aluminum (0.95" nominal)
Joiners - male/female system made in Die cast Aluminum (0.95" nominal)
Interior brackets - Die formed cold rolled sheet steel 20 gauge thick
Reflectors - Flat rolled Aluminum sheet 0.040" thick precisely die formed, 95% reflective matte white painted

WEIGHT

Canyon 4ft - 9.25bs - 4.2kg
Canyon 8ft - 17.84lbs - 8.1kg
Canyon 12ft - 26.43lbs - 12kg

CERTIFICATIONS

ETL - Rated for Indoor Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.