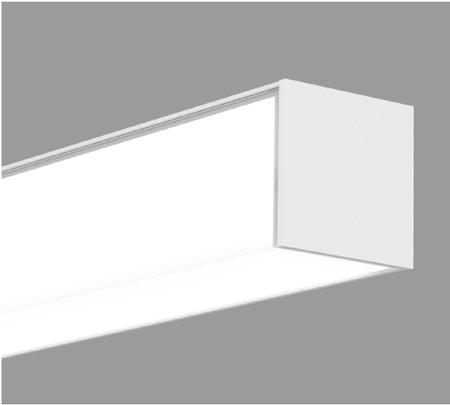


CUBITO

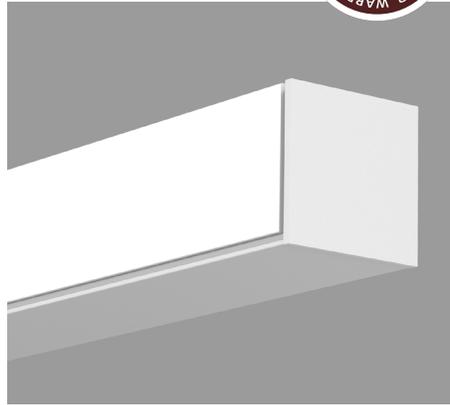
WALL



LUMENWERX
WWW.LUMENWERX.COM



Shown with HLO optics bottom lit



Shown with HLO optics top lit

PROJECT: _____

TYPE: _____

NOTES: _____



DESCRIPTION

Cubito Wall illuminates its square profile through two adjacent sides, forming a luminous right angle 2 1/2" on each side. Cubito Wall offers light output up to 750 lumens per foot and efficacy of 137 LPW. **Mikrodrive™** electronics and LED array are serviced by removing the High-efficiency Lambertian Optic. Cubito Wall mounts on a cleat bracket with less than 3" extension from the wall for ADA compliance. It can be installed for indirect or direct illumination and as a discrete luminaire or a continuous line of light.



up to 137 lm/w performance

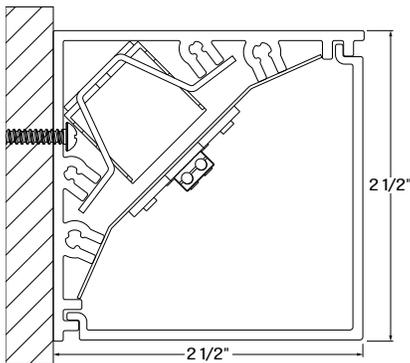
ORDER GUIDE

LUMINAIRE ID	HLO OPTICS	LED LIGHT SOURCE	CRI	LUMEN PACKAGES	COLOR TEMP.
CUBWB - Cubito Wall bottom lit	HLO - High-efficiency Lambertian Optic	LED - High performance LED	80 - 80CRI 90 - 90CRI	450 - min. low output 450lm/ft 700 - medium output 700lm/ft 900 - max. high output 900lm/ft #### - other required lm/ft	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K
CUBWT - Cubito Wall top lit					

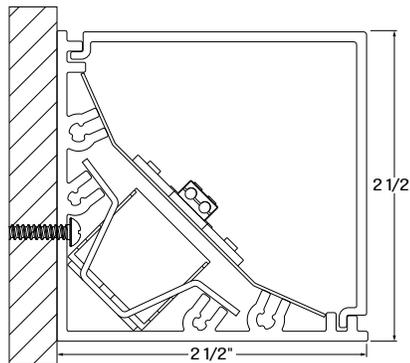
LUMINAIRE LENGTH	VOLTAGE	MIKDR DRIVER	ELECTRICAL	DRM MOUNTING	FINISH
Standard sections - 4', 6', 8' & 12' #FT ¹ - nominal length in feet Continuous Run - for luminaires over 12' (Visible break in line of light at joining.)	120 - 120V 277 - 277V UNV - 120V-277V	MIKDR - 0-10V mikro driver	1 - 1 circuit EM - Emergency light circuit NL - Night light circuit	DRM - Drywall mounting	W - Matte white AL - Aluminum CF# - Custom finish specify RAL#
¹ Minimum individual section 4'.					

See page 2 for ordering code detailed information

CROSS SECTION



CUBWB - wall bottom lit



CUBWT - wall top lit



OPTICS

HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO) - formed, matte white reflectors, combined with High-efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration. Peak intensity occurs at 48° with 75% of lumen output from 0-90.

LIGHT SOURCE - LED

Custom linear array of mid-flux LEDs 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.

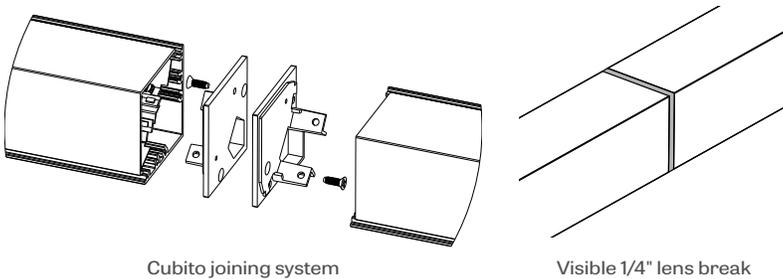
PERFORMANCE PER 4' AT 4000K

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	13	1800	137
medium output	4000K	21	2800	134
high output	4000K	27.5	3600	131

LUMINAIRE LENGTH

Cubito is made up of standard 4, 6, 8 and 12 foot sections that may be joined together to create longer continuous run lengths. There is a 1/4" visible lens break at joining. Exact 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.



ELECTRICAL - INTEGRATED DRIVER

Fully integrated, ultra-slim, **Mikrodrive™** driver eliminates the need for the remote drivers typical of very small cross-section luminaires. Factory-adjustable drive current and universal (120-277VAC) input. Long life: over 100,000 hours Mean Time Between Failures (MTBF). 0-10V dimming protocol with "Dim-To-Off" functionality. At maximum driver load: Efficiency >84%, PF >0.9, THD <20%. Due to space limitations, other driver, control and wiring options are not currently available.

MOUNTING OPTIONS

Fixtures may be horizontally mounted to the wall.

FINISH

Interior - 95%, reflective matte powder coated white paint
Exterior - matte white or aluminum powder coating. Custom finishes are also available.

CONSTRUCTION

Housing - Extruded aluminum (0.085" nominal) up to 90% Recycled content
Interior brackets - Die formed cold rolled sheet steel 18 gauge thick
Joining system - Die cast aluminum (0.85" nominal)
Reflectors - Flat rolled aluminum sheet 0.024" thick precisely die formed, 95% reflective matte white painted
End caps - Die cast aluminum (0.85" nominal)

WEIGHT

Cubito 4ft (no driver) - 5.27lbs - 2.39kg
Cubito 8ft (no driver) - 10.54lbs - 4.78kg
Cubito 12ft (no driver) - 15.8lbs - 7.17kg

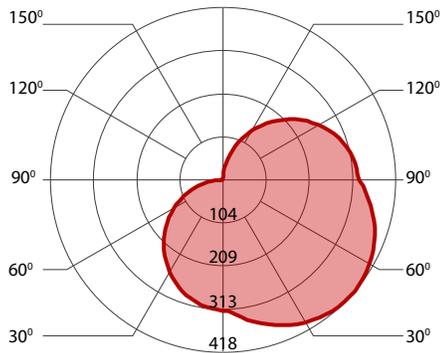
CERTIFICATIONS

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.

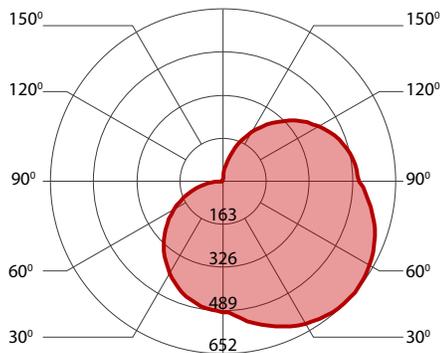
450 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	14	1800	128
low output	3000K	14	1800	130
low output	3500K	13.5	1800	132
low output	4000K	13	1800	137

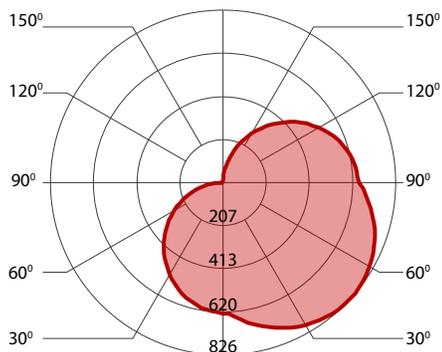
700 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	22.5	2800	125
medium output	3000K	22	2800	128
medium output	3500K	21.5	2800	130
medium output	4000K	21	2800	134

900 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	29	3600	124
high output	3000K	28.5	3600	126
high output	3500K	28	3600	128
high output	4000K	27.5	3600	131