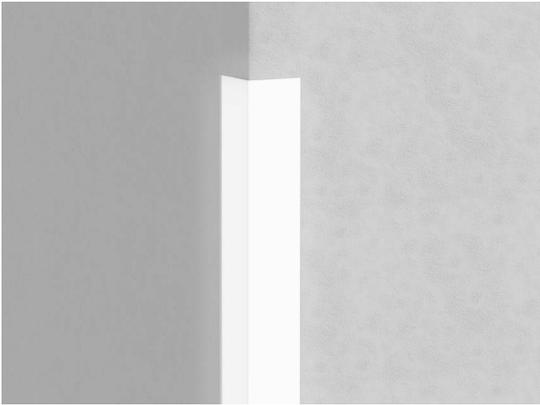


CUBITO

RECESSED



LUMENWERX
WWW.LUMENWERX.COM



Shown with HLO optics

DESCRIPTION

Cubito Recessed illuminates its square profile through two adjacent sides, forming a luminous right angle 2 1/2" on each side.

Cubito Recessed offers light output up to 450 lumens per foot and efficacy of 149 LPW. Drivers and LED array are serviced by removing the High-efficiency Lambertian Optic without disturbing the adjacent drywall.

Cubito Recess mounts vertically at the edge of a column, the apex of a right-angle projection, or the intersection of two walls. Concealed brackets secure the luminaire to the structure; a mud flange provides a surface for finishing the drywall.

PROJECT: _____

TYPE: _____

NOTES: _____

ORDER GUIDE

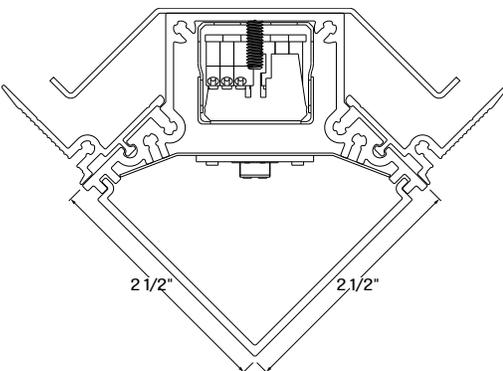
up to 149 lm/w performance

CUBR	HLO	LED	CRI	LUMEN PACKAGES	COLOR TEMP.
LUMINAIRE ID	OPTICS	LIGHT SOURCE	CRI	LUMEN PACKAGES	COLOR TEMP.
CUBR - Cubito Recessed	HLO - High-efficiency Lambertian Optic	LED - High performance LED	80 - 80CRI 90 - 90CRI	275 - min. low output 275lm/ft 350 - medium output 350lm/ft 450 - max. high output 450lm/ft #### - other required lm/ft	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K

LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL	DMF	W
LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL	MOUNTING	FINISH
Standard sections - 2', 3', 4', 5', 8' & 12' For all other specify length #FT - nominal length in feet #IN - length in inches Continuous Run - for luminaires over 12' Minimum individual section 2'	120 - 120V 277 - 277V UNV - 120V-277V	D1 - 1% 0-10V DA - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDE1 - Lutron Hi-lume 1% Eco LDE5 - Lutron 5% EcoSystem	1 - 1 circuit EM - Emergency light circuit NL - Night light circuit	DMF - Drywall mud flange	W - Matte white

See page 2 for ordering code detailed information

CROSS SECTION



CUBR - recessed drywall mud flange

OPTICS

HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO) - Paired LED arrays are directed by formed, matte white reflectors and 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 apex of the diffuser 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.

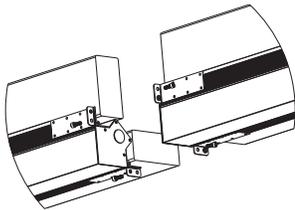
PERFORMANCE PER 4' AT 4000K

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	7.5	1100	149
medium output	4000K	9.5	1400	147
high output	4000K	11	1600	147

LUMINAIRE LENGTH

Cubito is made up of standard 2, 3, 4, 5, 8 and 12 foot sections that may be joined together to create longer continuous run lengths. Exact run length must be noted in the product code. The minimum individual section available is 2 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.



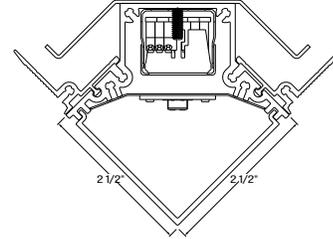
Mud flange

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% (specify 2-wire, or Ecosystem Dim-to-Off), Lutron 5-Series (5% Ecosystem), DMX (RDM compatible) and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

MOUNTING OPTIONS

Mounting for drywall ceilings are available with mud flange.



DMF - drywall mud flange

FINISH

Interior - 95%, reflective matte powder coated white paint

Exterior - matte white powder coating.

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

Mud flange - Extruded aluminum (0.075" nominal) up to 90% Recycled content

End caps - Die cast aluminum (0.85" nominal)

WEIGHT

Cubito 4ft (no driver) - 6.87lbs - 3.12kg

Cubito 8ft (no driver) - 13.75lbs - 6.23kg

Cubito 12ft (no driver) - 20.4lbs - 9.25kg

CERTIFICATIONS

ETL - Rated for Indoor Dry/Damp locations.

Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

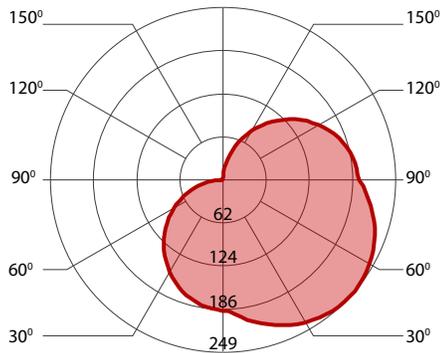
WARRANTY

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.

CUBITO

RECESSED

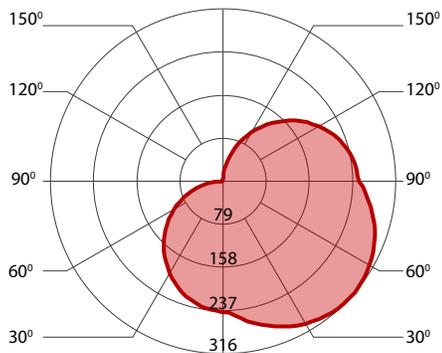
275 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	8	1100	139
low output	3000K	7.5	1100	142
low output	3500K	7.5	1100	144
low output	4000K	7.5	1100	149

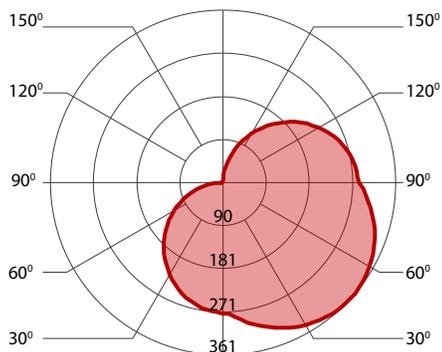
350 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	10	1400	138
medium output	3000K	10	1400	141
medium output	3500K	10	1400	143
medium output	4000K	9.5	1400	147

400 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	11.5	1600	137
high output	3000K	11.5	1600	140
high output	3500K	11.5	1600	142
high output	4000K	11	1600	147