AR300™- Suspended Mount 90° Lighted Corners

Catalog	Number	Туре
Project	Name	

S P E C I F I C A T I O N S

Housing

One-piece .070" thick extruded aluminum, mitered and secured together to form nominal 2' X 2' continuously lit 90° corner.

Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability.

Indirect Optical Controls

- (LOH) LED optimized high transmittance acrylic snap-in lens Standard Distribution.
- (WSCL)Wide-Spread Optic and clear co-extruded snap-in lens Wide-Spread Distribution.

Direct Optical Controls

(LOH) LED optimized high transmittance acrylic snap-in lens.

Reflector/Heat Sink

- Indirect .040" thick die-formed aluminum finished with a high reflectance white enamel.
- Direct .040" thick die-formed aluminum finished with a high reflectance white enamel.

Circuitry

All corner assemblies are factory pre-wired for a single circuit.

Wiring

All corner assemblies are provided with factory installed quick-connect wiring.

Certification

Fixtures are ETL listed for use in 'Dry or Damp Applications.' Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0

Driver (Standard)

Power supply is UL/CUL recognized, 0-10V dimming available 120-277 universal voltage. 347V is available.

Light Engine (Standard)

LED light source available standard for 3000K, 3500K and 4000K CCT, in high and medium light outputs, and 80 or 90 CRI. Standard outputs available:

HO - High Output (Direct or Indirect-Only Distributions)

MO - Medium Output (Direct or Indirect-Only Distributions)

co - Custom Output (Direct or Indirect-Only Distributions)

HO/HO - High Output Up/Down (Ind./Direct Distribution)

MO/MO - Medium Output Up/Down (Ind./Direct Distribution)

CO/CO - Custom Output Up/Down (Indir./Direct Distribution)

Driver (Tunable White)

EldoLED power supply is UL recognized, DALI, 0-10V or DMX available, 120-277 universal voltage.

Light Engine (Tunable White)

Tunable White LED light source available for 2700K thru 6500K CCT, and 80 or 90 CRI. Contact factory for available outputs.

Lighted 90° Mitered Corners - Indirect, Direct, or Ind./Direct







Extruded aluminum 90° mitered corners are available for use when fixture patterns are desired. AR300 corners are available in nominal 2' X 2' long continuously lit configurations.

See reverse for dimensions.

See fixture specification sheets for Delivered Lumens, Power Consumption (Watts), and fixture Efficacies (Lm/W).

Sample Catalog Number: AR300-I/D - HO/HO - K40 - 80 - L90I/D - CN - WSCL / LOH - F01M - 120 - DIM1 - OPTIONS AR300 - I/D AR300-D Direct AR300-I Indirect AR300-I/D Indirect/Direct Lumen Output/4': HO - High Output - Direct or Indirect-Only Distribution-MO - Medium Output - Direct or Indirect-Only Distribution CO - Custom Output - Direct or Indirect-Only Distribution (Contact factory for available output range) HO/HO - Hi Output Up/Hi Output Down - Ind./Direct Distribution MO/MO - Med. Output Up/Med. Output Down - Ind./Direct Distr. CO/CO - Cust. Output Up/Cust. Output Down - Ind./Direct Distr. (Contact factory for available output range) CCT: K30 - 3000K, K35 - 3500K, K40 - 4000K, TW - Tunable White (2700K-6500K) CRI: 80 (Standard), 90 (Optional) Corner Type: L90D = 90 Degree Direct Corner L90I = 90 Degree Indirect-Only Corner L90I/D = 90 Degree Indirect/Direct Corner Mounting: CN = Cable (Non T-Bar) Fully Adjustable (36" Std.) CT = Cable (T-Bar) Fully Adjustable (36" Std.) Indirect Optical Controls: LOH = LED Optimized High Transmittance Lens WSCL = Wide-Spread Optic/W.S. Distribution w/Clear Co-Extruded Lens X = If Direct Distribution Corner Direct Optical Controls: LOH = LED Optimized High Transmittance Lens X = If Indirect-Only Distribution Corner Standard Finish: F01M Matte White Premium Finishes: F01G Gloss White F08 Gray Seal F14 Red Skies F02 Ivory F09 Mocha F15 Lemon F03 Stonewash F10 Bronzed F16 Forest Hunter F04 Camel F11G Gloss Black F20 Blue Print F05 Gray Day F11M Matte Black F21 Blue Reflex F06 Pebble Beach F12 Ultrasonic Clear F22 Navv F07 Steel F13 Merlot FCC Custom Color Voltage: 120V, 277V, 347V or UNV (Universal Voltage) Drivers: DIMX = Standard Driver - No Dimming DIM1 = Standard Driver wired for Dimming - 100% to 1% DIM0 = Optional Driver with Available Dimming - 100% to 0% (Dark) Options: SS(U/L) = Upper/Lower LED Row Switching (Common Neutral) NLCKT = Night-Light Circuit (Common Neutral) EMCKT = Emergency Circuit (Separate Hot & Neutral)

DALI = DALI Protocol Driver (Tunable White) DMX = DMX Protocol Driver (Tunable White) 0-10V/TW = 0-10V Driver (Tunable White)

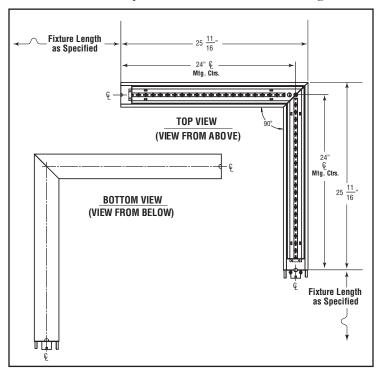
AR300 Series Suspended Mount Corners

Direct Mitered Corner - Lighted

Fixture Length as Specified 25 \frac{11}{16}" 24" \circ Mtg. Ctis. TOP VIEW (VIEW FROM ABOVE) Prixture Length as Specified Fixture Length as Specified

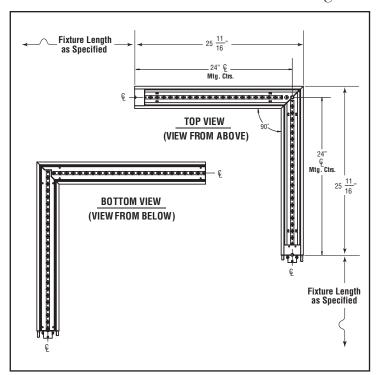
Lighted Direct Distribution Mitered Corner Medium or High Output LED (Contact Factory for Custom Outputs)

Indirect-Only Mitered Corner - Lighted



Lighted Indirect-Only Distribution Mitered Corner Medium or High Output LED (Contact Factory for Custom Outputs)

Indirect/Direct Mitered Corner - Lighted



Lighted Indirect/Direct Distribution Mitered Corner

Medium or High Output LED Up & Down (Contact Factory for Custom Outputs)

Consult Factory for exact luminaire placement.



