# AR300<sup>™</sup>- Indirect/Direct Wall Mount Series

C А

Shown with Flat End

П F

Е C

One-piece .070" thick extruded aluminum. Standard

lengths are nominal 4', 8' and 12'. Provisions may

be made for patterns and continuous rows of any

■ (FE) Flat End - Die-cast aluminum finished to match

(SE) Sculpted End - Die-cast aluminum finished to

match fixture housing and secured with no visible

fixture housing and secured with no visible fasteners.

S Ρ

Housing

lenath.

End Cans

fasteners.

Finish

Shown with Sculpted End

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

### Light Engine (Standard)

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

\*6775 Total Del'd Lms. at 54 System Watts

MO/MO -Medium Output Up & Down (LOH/LOH)

or DMX available, 120-277 universal voltage.

## Light Engine (Tunable White)

## **Integral Controls**

Contact factory for control by Occupancy Sensors,

Sample Catalog Number: AR300-IASY/D - FE - HO/HO - K40 - 80 - 4 - W - LOH / LOH - F01M - 120 - DIM1 - OPTIONS

F14 Red Skies

F20 Blue Print

F21 Blue Reflex

F16 Forest Hunter

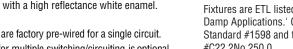
FCC Custom Color

F15 Lemon

F22 Navy

w

\*Due to continued advancement in LED technology, lumen performance is subject to change. Please visit our website for the most up-to-date information.



AR300-IASY/D

F02 Ivorv

F04 Camel

F07 Steel

F03 Stonewash

F05 Grav Dav F06 Pebble Beach

## Wirina

All fixtures intended for continuous rows are provided with factory installed guick-connect wiring.

Lumen Output/4': HO/HO - (LOH/LOH) = 6775 Total Lms. - 125 Lm/W

Indirect Optical Controls: LOH = LED Optimized High Transmittance Lens Direct Optical Controls: LOH = LED Optimized High Transmittance Lens Standard Finish: F01M Matte White Premium Finishes: F01G Gloss White

Voltage: 120V, 277V, 347V or UNV (Universal Voltage)

MO/MO - (LOH/LOH) = 4671 Total Lms. - 128 Lm/W

CCT: K30 = 3000K, K35 = 3500K, K40 = 4000K, TW = Tunable White (2700K-6500K)

CO/CO - Custom Output (Contact factory for available output range)

AR300-IASY/D Indirect-Asymmetric/Direct End Caps: FE = Flat End SE = Sculpted End

CRI: 80 (Standard), 90 (Optional) Fixture Lengths: 4', 8' and 12' -Mounting: W = Wall MountТ

# Driver (Standard)

voltage. 347V is available.

HO/HO -High Output Up & Down (LOH/LOH)

\*4671 Total Del'd Lms. at 37 System Watts

EldoLED power supply is UL recognized, DALI

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

Photo Controls and Daylight Harvesting.

#### 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

Standard and premium finishes are baked powder (\*All values per 4' using 4000K LED modules) coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability. Driver (Tunable White)

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

#### **Direct Optical Control**

**Indirect 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 fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

## Ν S ableW

Catalog Number

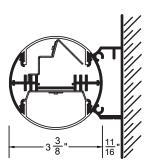
Project Name



<u>AR300-IASY/D-Wall</u>

3 3/8" Diameter Round Indirect-Asymmetric/Direct Wall Mount





# AR300-IASY/D-HO/HO-LOH/LOH AR300-IASY/D-MO/MO-LOH/LOH

Made in America

# Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017 Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com

Options: SS(U/L) = Upper/Lower LED Row Switching (Common Neutral) NLCKT = Night-Light Circuit (Common Neutral) EMCKT = Emergency Circuit (Sep. Hot & Neutral) FS = Fused Drivers EBPHST = Self-Testing Emergency Battery Pack (10 Watt) DALI = DALI Protocol Driver (Tun. White) 0-10V/TW = 0-10V Driver (Tun. White) DMX = DMX Protocol Driver (Tun. White)

F08 Gray Seal

F09 Mocha

F13 Merlot

F10 Bronzed

F11G Gloss Black

F11M Matte Black

Drivers: DIMX = Standard Driver - No Dimming - 100% to 1% DIM1 = Standard Driver wired for Dimming - 100% to 1% DIM0 = Optional Driver with Available Dimming - 100% to 0% (Dark)

F12 Ultrasonic Clear



6/22

Туре

1 0

# Wall <u>AR300-IASY/D-HO/HO-K40-LOH/LOH</u>

# High Output - Up / High Output - Down Indirect Asymmetric / Direct

## LED Optimized High Transmittance Lens - Up & Down

 Catalog Number:
 AR300-IASY/D-H0/H0-K40-80-4'-X-LOH/LOH-120

 Report Number:
 #LLIA000956-002.ies

 Luminaire Description:
 Extruded Aluminum Housing with

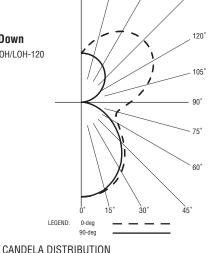
 White Aluminum Reflector and LED
 Optimized Acrylic Lenses Up & Down

 LED Module:
 Multiple White Low-Power Light

 Emitting Diodes (LEDs) in a precise
 Iayout.

Total Luminaire Efficacy = 124.8 Lm/W 43% Up 57% Down Color Rendering Index (CRI) = 84





180°

165

150°

135

## ZONAL LUMEN SUMMARY

		0.0000000000000000000000000000000000000						
Zone	Lumens	%Fixture		0.0	22.5	45.0	67.5	90.0
0- 30	1048	15.5	0	1372	1372	1372	1372	1372
0- 40	1689	24.9	5	1363	1372	1376	1361	1364
0- 60	2857	42.2	15	1319	1327	1324	1307	1304
0- 90	3832	56.6	25	1218	1225	1214	1183	1176
90- 180	2944	43.4	35	1056	1066	1049	1016	1002
0- 180	6775	100.0	45	844	851	843	805	790
			55	654	646	619	587	567
			65	540	513	445	383	356
			75	534	482	352	218	173
			85	631	558	366	146	39

#### Precision Architectural Lighting, Inc lighting facts Light Output (Lumens) 6775 Watts 54.28 Lumens per Watt (Efficacy) 124.82 Color Accuracy Color Rendering Index (CRI) 84 ight Color 3983 (Bright White) ire (CCT Warm White Davlight 2700 3000K 4500 6500k All results are according to IESNA LM-79-2008: Approved Method for the Electrical and netric Testing of Solid-State Lighting Visit www.lightingfacts.com for the Label Reference Guide. Registration Number: 1NRP-HR1V6P (5/23/2018) Model Number: AR300-IASY/D-HO/HO-K40-80-4-W-LOH/LOH-XXXX-120 Type: Luminaire - Linear

# AR300-IASY/D-MO/MO-K40-LOH/LOH

90

708

626

180

165

410

150

160

1

135

120

105

90

75

60

45

30

# Medium Output - Up / Medium Output - Down Indirect Asymmetric / Direct

LED Optimized High Transmittance Lens - Up & Down					
Catalog Number:	AR300-IASY/D-M0/M0-K40-80-4'-X-L0H/L0H-120				
Report Number:	#LLIA00096-001.ies				
Luminaire Description:	Extruded Aluminum Housing with				

White Aluminum Reflector and LED

Optimized Acrylic Lenses Up & Down LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise

layout.

Total Luminaire Efficacy = 128.0 Lm/W 43% Up 57% Down Color Rendering Index (CRI) = 84





LEGEND

0-deg 90-deg

## ZONAL LUMEN SUMMARY

ZUNAL LUMEN SUMMARY			CANDELA DISTRIBUTION					
Zone	Lumens	%Fixture		0.0	22.5	45.0	67.5	90.0
0- 30	728	15.6	0	952	952	952	952	952
0- 40	1173	25.1	5	945	952	954	944	947
0- 60	1984	42.5	15	914	919	918	906	906
0- 90	2662	57.0	25	842	847	841	820	817
90- 180	2008	43.0	35	729	736	725	704	696
0- 180	4671	100.0	45	581	586	582	558	549
			55	450	445	427	406	394
			65	372	353	307	264	248
			75	369	333	243	150	120

85

90

437

487

lighting fa	Precision Architectural Lighting, In
Light Output (Lumens) Watts Lumens per Watt (Efficacy)	4671 36.5 127.97
Color Accuracy Color Rendering Index (CRI)	84
Light Color Correlated Color Temperature (CCT) 3	974 (Bright White)
Warm White Bright White 2700K 3000K 44 Il results are according to IESNA LM-79-2008: App Applementic Testing of Solid-State Lighting.	Daylight 500K 6500K
/isit www.lightingfacts.com for the	
lodel Number: AR300-IASY/D-MO/MO-K40-80-4-W	

For more information, visit our website at www.pal-lighting.com



Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017 Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com

253

282

101

110

27

1

386

431

