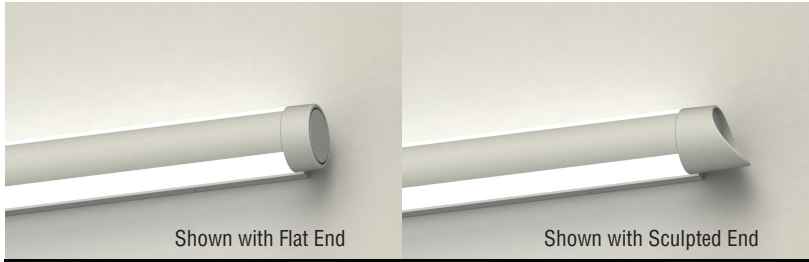


# AR300™ - Indirect/Direct Wall Mount Series

Catalog Number	Type
Project Name	



Shown with Flat End

Shown with Sculpted End

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

### Housing

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 length.

### End Caps

- (FE) Flat End - Die-cast aluminum finished to match fixture housing and secured with no visible fasteners.
- (SE) Sculpted End - Die-cast aluminum finished to match fixture housing and secured with no visible fasteners.

### 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.

### Direct Optical Control

- (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.

### Wiring

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

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

- HO/HO** -High Output Up & Down (LOH/LOH)  
\*6775 Total Del'd Lms. at 54 System Watts
- MO/MO** -Medium Output Up & Down (LOH/LOH)  
\*4671 Total Del'd Lms. at 37 System Watts

(\*All values per 4' using 4000K LED modules)

### Driver (Tunable White)

EldoLED power supply is UL recognized, DALI 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.

### Integral Controls

Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

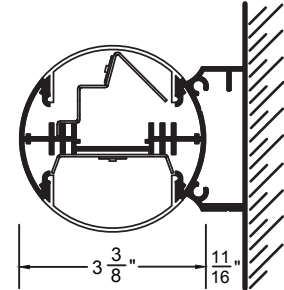
### Certification

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



## AR300-IASY/D-Wall

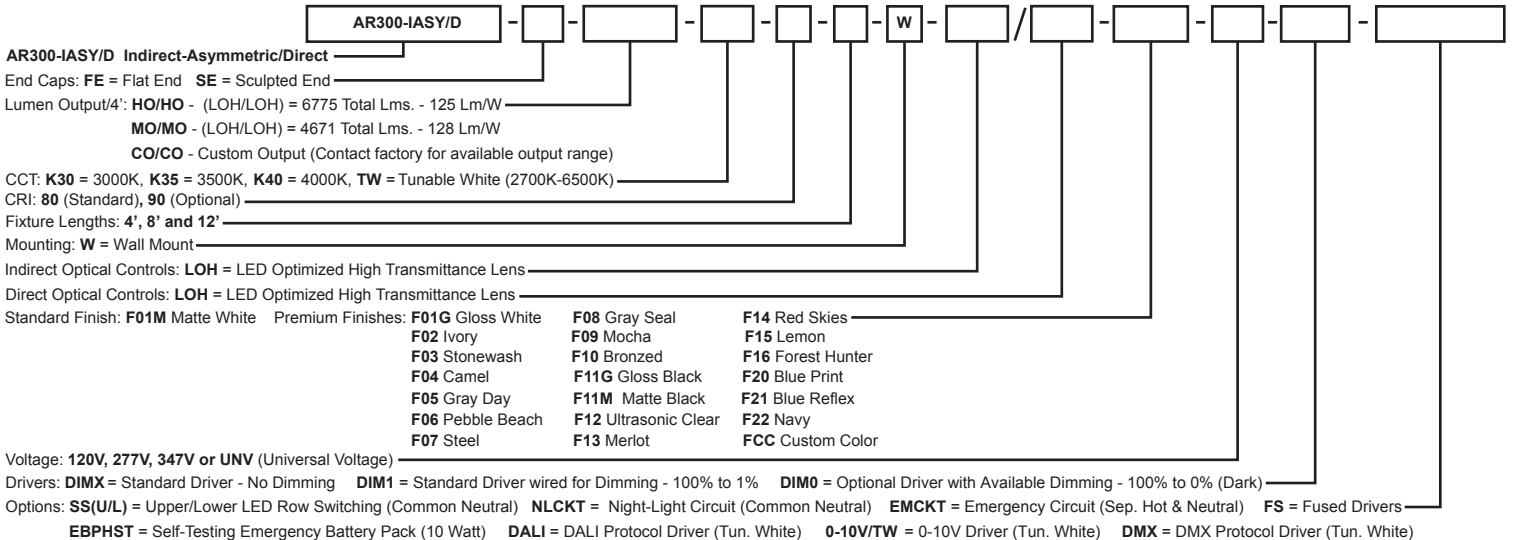
3 3/8" Diameter Round Indirect-Asymmetric/Direct Wall Mount



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

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

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



# Wall

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

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

LED Optimized High Transmittance Lens - Up & Down

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

Report Number: #LLIA000956-002.ies

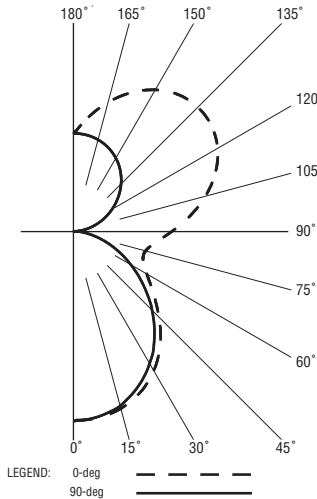
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lenses Up & Down

LED Module: Multiple White Low-Power Light Emitting Diodes (LEDs) in a precise layout.

Total Luminaire Efficacy = 124.8 Lm/W

43% Up 57% Down

Color Rendering Index (CRI) = 84

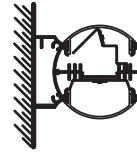


### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	1048	15.5
0- 40	1689	24.9
0- 60	2857	42.2
0- 90	3832	56.6
90- 180	2944	43.4
0- 180	6775	100.0

### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1372	1372	1372	1372	1372
5	1363	1372	1376	1361	1364
15	1319	1327	1324	1307	1304
25	1218	1225	1214	1183	1176
35	1056	1066	1049	1016	1002
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
90	708	626	410	160	1



Precision Architectural Lighting, Inc.

### LED lighting facts

<b>Light Output (Lumens)</b>	<b>6775</b>
<b>Watts</b>	<b>54.28</b>
<b>Lumens per Watt (Efficacy)</b>	<b>124.82</b>
<b>Color Accuracy</b>	
Color Rendering Index (CRI)	<b>84</b>
<b>Light Color</b>	
Correlated Color Temperature (CCT)	<b>3983 (Bright White)</b>
↓	
Warm White	Bright White
Daylight	Daylight
2700K	3000K
4500K	6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

Visit [www.lightingfacts.com](http://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

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

LED Optimized High Transmittance Lens - Up & Down

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

Report Number: #LLIA00096-001.ies

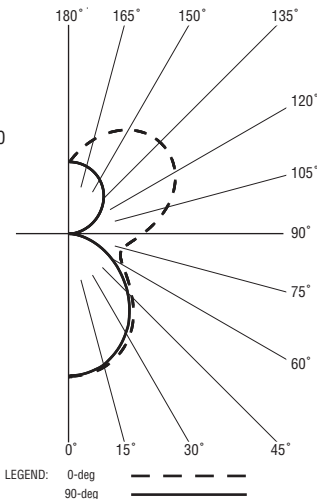
Luminaire Description: Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lenses Up & Down

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

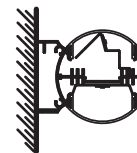


### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture
0- 30	728	15.6
0- 40	1173	25.1
0- 60	1984	42.5
0- 90	2662	57.0
90- 180	2008	43.0
0- 180	4671	100.0

### CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	952	952	952	952	952
5	945	952	954	944	947
15	914	919	918	906	906
25	842	847	841	820	817
35	729	736	725	704	696
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	437	386	253	101	27
90	487	431	282	110	1



Precision Architectural Lighting, Inc.

### LED lighting facts

<b>Light Output (Lumens)</b>	<b>4671</b>
<b>Watts</b>	<b>36.5</b>
<b>Lumens per Watt (Efficacy)</b>	<b>127.97</b>
<b>Color Accuracy</b>	
Color Rendering Index (CRI)	<b>84</b>
<b>Light Color</b>	
Correlated Color Temperature (CCT)	<b>3974 (Bright White)</b>
↓	
Warm White	Bright White
Daylight	Daylight
2700K	3000K
4500K	6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: 1NRP-V31PMO (5/21/2018)  
Model Number: AR300-IASY/D-MO/MO-K40-80-4-W-LOH/LOH-XXXX-120  
Type: Luminaire - Linear

For more information, visit our website at [www.pal-lighting.com](http://www.pal-lighting.com)



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