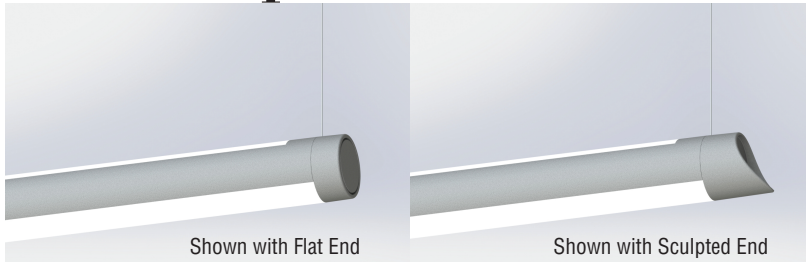


# AR300™ - Indirect/Direct Suspended Series

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. Die-cast aluminum end caps are secured with no visible fasteners. Standard lengths are nominal 4' and 8'. 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 housing & 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 - 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.

### Integral Controls

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

### Circuitry

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

### 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/Dn) - LOH Up/LOH Down  
\*7682 Total Del'd Lms. at 59 System Watts

**HO/HO** -High Output (Up/Dn) - WSCL Up/LOH Down  
\*7494 Total Del'd Lms. at 59 System Watts

**MO/MO** -Medium Output (Up/Dn) - LOH Up/LOH Down  
\*5057 Total Del' d Lms. at 36 System Watts

**MO/MO** -Medium Output (Up/Dn) - WSCL Up/LOH Down  
\*4933 Total Del' d Lms. at 36 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.

### Wiring

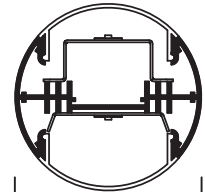
All Fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

### Certification

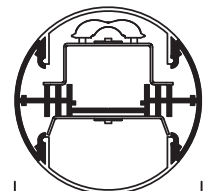
Fixtures are ETL listed for use in 'Dry or Damp Applications.' Conforms to UL Standard #1598 and to CAN/CSA #C22.2No.250.0

# AR300 -I/ D-Susp.

3 3/8" Diameter Round Indirect/Direct Suspended Mount



AR300-I/D-HO/HO-LOH/LOH  
AR300-I/D-MO/MO-LOH/LOH



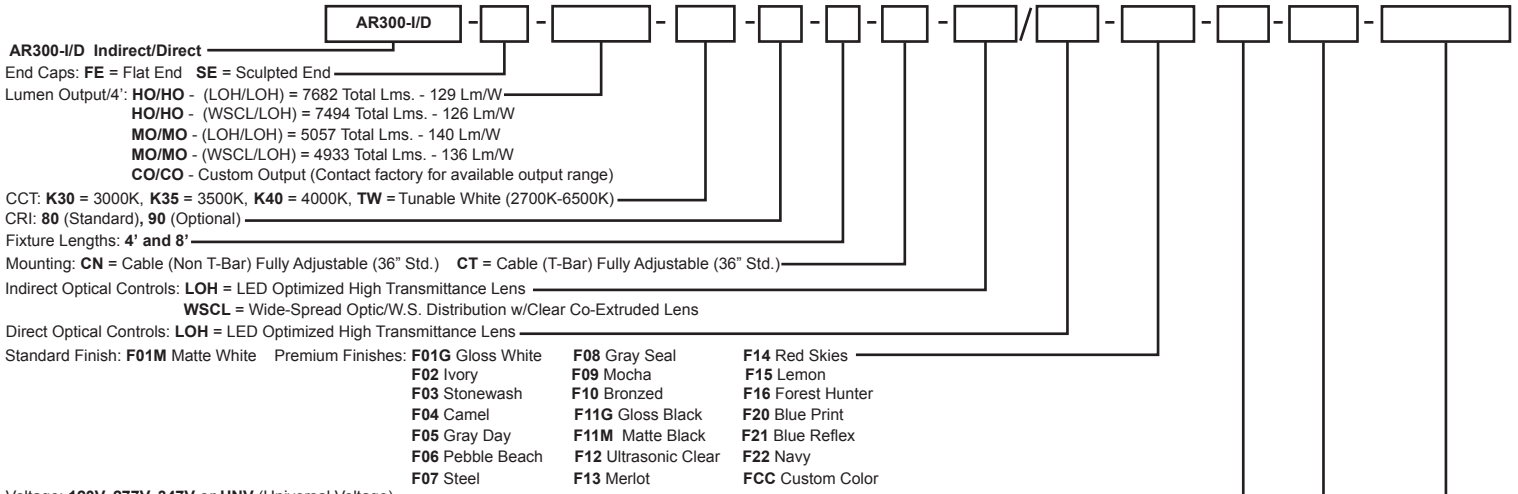
AR300-I/D-HO/HO-WSCL/LOH  
AR300-I/D-MO/MO-WSCL/LOH  
Shown with Optional W.S. Optic



Wide-Spread Optic

The WS optic is a precisely designed, optical-grade acrylic LED-refraction system. Engineered for superior ceiling uniformity, it provides a more comfortable illuminated space while reducing energy requirements.

Sample Catalog Number: **AR300-I/D - FE - HO/HO - K40 - 80 - 4 - CN - LOH / LOH - F01M - 120 - DIM1 - OPTIONS**



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(UL) = Upper/Lower LED Row Switching (Common Neutral) NLCKT = Night-Light Circuit (Common Neutral) EMCKT = Emergency Circuit (Separate Hot & Neutral)



Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017  
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# Suspended - Indirect/Direct

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



Indirect/Direct - High Output Up & Down

**LED Optimized Lens Up & LED Optimized Lens Down**

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

**Report Number:** #LLIA000930-010.ies

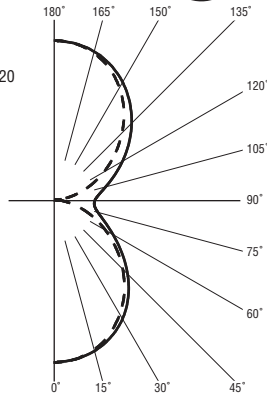
**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lenses Up & Down

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

Total Luminaire Efficacy = 128.9 Lm/W

Color Rendering Index (CRI) = 84

51% Up 49% Down



lighting facts	
Light Output (Lumens)	7682
Watts	59.6
Lumens per Watt (Efficacy)	128.89
Color Accuracy Color Rendering Index (CRI)	84
Light Color Correlated Color Temperature (CCT)	4027 (Bright White)
Warm White	Bright White
2700K	3000K
4500K	6500K
DLC LISTED	

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: INRP-F6V2B1 (2/21/2018)  
Model Number: AR300-I/D-HO/HO-K40-80-4'-X-LOH/LOH-XXXX-120  
Type: Luminaire - Linear

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



Indirect/Direct - Medium Output Up & Down

**LED Optimized Lens Up & LED Optimized Lens Down**

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

**Report Number:** #LLIA000930-009.ies

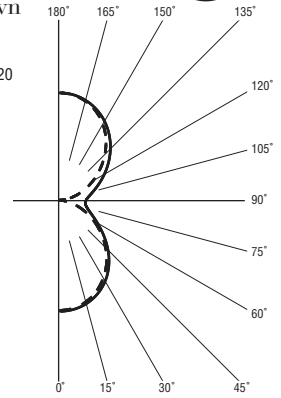
**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector and LED Optimized Acrylic Lenses Up & Down

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

Total Luminaire Efficacy = 139.9 Lm/W

Color Rendering Index (CRI) = 85

51% Up 49% Down



lighting facts	
Light Output (Lumens)	5057
Watts	36.15
Lumens per Watt (Efficacy)	139.89
Color Accuracy Color Rendering Index (CRI)	85
Light Color Correlated Color Temperature (CCT)	4006 (Bright White)
Warm White	Bright White
2700K	3000K
4500K	6500K
DLC LISTED	

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: INRP-H3Q2L2 (2/21/2018)  
Model Number: AR300-I/D-MO/MO-K40-80-4'-X-LOH/LOH-XXXX-120  
Type: Luminaire - Linear

## AR300-I/D-HO/HO-K40-WSCL/LOH



Indirect/Direct - High Output Up & Down

**W.S. Optic/Clear Lens Up & LED Optimized Lens Down**

**Catalog Number:** AR300-I/D-HO/HO-K40-80-4'-X-WSCL/LOH-120

**Report Number:** #LLIA000930-008.ies

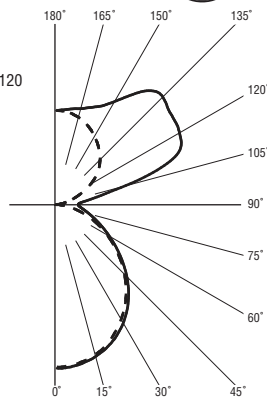
**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector, Acrylic "W.S." Optic/Clear Lens Up & LOH Lens Down

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

Total Luminaire Efficacy = 126.1 Lm/W

Color Rendering Index (CRI) = 84

51% Up 49% Down



lighting facts	
Light Output (Lumens)	7494
Watts	59.45
Lumens per Watt (Efficacy)	126.06
Color Accuracy Color Rendering Index (CRI)	84
Light Color Correlated Color Temperature (CCT)	4031 (Bright White)
Warm White	Bright White
2700K	3000K
4500K	6500K
DLC LISTED	

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: INRP-SBR4HP (2/21/2018)  
Model Number: AR300-I/D-HO/HO-K40-80-4'-X-WSCL/LOH-XXXX-120  
Type: Luminaire - Linear

## AR300-I/D-MO/MO-K40-WSCL/LOH



Indirect/Direct - Medium Output Up & Down

**W.S. Optic/Clear Lens Up & LED Optimized Lens Down**

**Catalog Number:** AR300-I/D-MO/MO-K40-80-4'-X-WSCL/LOH-120

**Report Number:** #LLIA000930-007.ies

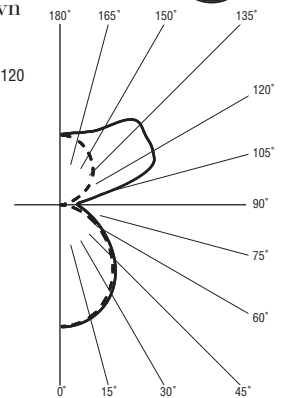
**Luminaire Description:** Extruded Aluminum Housing with White Aluminum Reflector, Acrylic "W.S." Optic/Clear Lens Up & LOH Lens Down

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

Total Luminaire Efficacy = 136.5 Lm/W

Color Rendering Index (CRI) = 85

51% Up 49% Down



lighting facts	
Light Output (Lumens)	4933
Watts	36.13
Lumens per Watt (Efficacy)	136.53
Color Accuracy Color Rendering Index (CRI)	85
Light Color Correlated Color Temperature (CCT)	4013 (Bright White)
Warm White	Bright White
2700K	3000K
4500K	6500K
DLC LISTED	

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: INRP-11DXXV (2/21/2018)  
Model Number: AR300-I/D-MO/MO-K40-80-4'-X-WSCL/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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