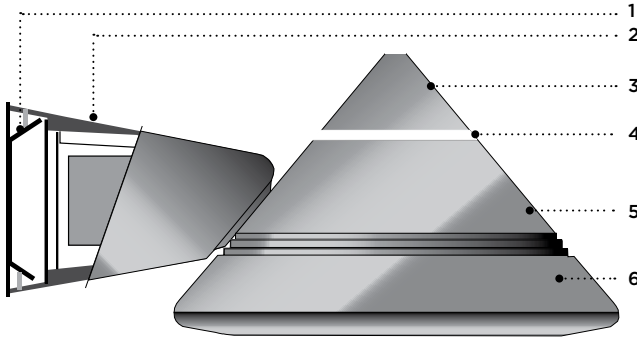


TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG NUMBER:

FIXTURE    WATTAGE    VOLTAGE    FINISH    OPTION    OPTION    OPTION    OPTION



- 1- Heavy gauge steel galvanized mounting plate.
- 2- Cast aluminum driver housing.
- 3- Cast aluminum conical top.
- 4- **AR25:** White frosted luminous insert with 10W LED light engine.  
**AR35:** Solid opaque aluminum insert.  
**AR35F:** Flat top sealed cover.
- 5- Cast aluminum conical body.
- 6- LED optical control silicone lens.

AR35FP



	Luminaire with luminous insert	Fully enclosed Full cut off luminaire	Luminaire with flat top cover
<b>POLE MOUNT</b>	<p><b>AR25P</b> EPA: 0.96</p>	<p><b>AR35P</b> EPA: 0.96</p>	<p><b>AR35FP</b> EPA: 0.80</p>
<b>WALL MOUNT</b>	<p><b>AR25W</b></p>	<p><b>AR35W</b></p>	<p><b>AR35FW</b></p>

### MATERIALS

Argon is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.  
COB LED is assembled on a thick pad housing chamber designed with a heat sink pattern to optimize heat dissipation and luminaire efficacy. The power supply is enclosed in an isolated chamber allowing quick access for electrical maintenance without disturbing the optical chamber.  
COB LED is removable and replaceable for ease of maintenance or lighting upgrade.

### ELECTRICAL

#### LED

**POWER SUPPLY** Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30°C/-22°F to 60°C/140°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

#### LED

Type II, III, IV or V light distribution via high performance optical lenses. Standard 4000K/80CRI. Optional 3000K, 3500K and 5000K  
Optional Amber LED for turtle sensitive areas  
Wavelengths: 584.5nm to 597nm

### LIFE

125,000hrs (L<sub>70</sub>B<sub>50</sub>) based on LM-80 report for lumen maintenance.

### FINISH

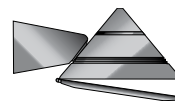
Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

### MOUNTING

Maximum weight **AR25P/AR25W/AR35P/AR35W:** 30lbs (13.6kg)  
Maximum weight **AR35FP/AR35FW:** 28lbs (12.7kg)  
The luminaire is designed for wall or pole. Mounts on a 4" (102) or 5" (127) pole.

### CERTIFICATION

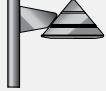
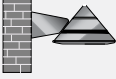
Tested to UL1598 and CSA22.2 #250. ETL listed wet location.  
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards.  
Rated IP65.



LED optical chamber is easily accessible with a cast aluminum hinged lens frame.

# AR25/AR35 SERIES ARGON - LED

## LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION (4000K/80CRI)	VOLTAGE <sup>2</sup>	FINISH																
 <ul style="list-style-type: none"> <li><input type="checkbox"/> AR25P<sup>1</sup></li> <li><input type="checkbox"/> AR35P</li> <li><input type="checkbox"/> AR35FP</li> </ul>	<table border="1"> <thead> <tr> <th>Type II</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>MODEL</th> </tr> </thead> <tbody> <tr> <td></td> <td>18W</td> <td>2619</td> <td><input type="checkbox"/> L1W18r0-R2</td> </tr> <tr> <td></td> <td>34W</td> <td>4170</td> <td><input type="checkbox"/> L1W30r1-R2</td> </tr> <tr> <td></td> <td>69W</td> <td>7994</td> <td><input type="checkbox"/> L2W30r1-R2</td> </tr> </tbody> </table>	Type II	INPUT WATTS	DELIVERED LUMENS	MODEL		18W	2619	<input type="checkbox"/> L1W18r0-R2		34W	4170	<input type="checkbox"/> L1W30r1-R2		69W	7994	<input type="checkbox"/> L2W30r1-R2	<input type="checkbox"/> 120V <input type="checkbox"/> 277V  Optional <input type="checkbox"/> 347V	<b>STANDARD COLORS</b> <input type="checkbox"/> WHT Snow white <input type="checkbox"/> BKT Jet black <input type="checkbox"/> BZT Bronze <input type="checkbox"/> MST Matte silver <input type="checkbox"/> GRT Titanium gray <input type="checkbox"/> DGT Gun metal <input type="checkbox"/> CHT Champagne <input type="checkbox"/> SGT Steel gray  <b>OPTIONAL COLORS</b> <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color  (Refer to color chart)
	Type II	INPUT WATTS	DELIVERED LUMENS	MODEL															
		18W	2619	<input type="checkbox"/> L1W18r0-R2															
		34W	4170	<input type="checkbox"/> L1W30r1-R2															
		69W	7994	<input type="checkbox"/> L2W30r1-R2															
<table border="1"> <thead> <tr> <th>Type III</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>MODEL</th> </tr> </thead> <tbody> <tr> <td></td> <td>18W</td> <td>2760</td> <td><input type="checkbox"/> L1W18r0-R3</td> </tr> <tr> <td></td> <td>38W</td> <td>4395</td> <td><input type="checkbox"/> L1W30r1-R3</td> </tr> <tr> <td></td> <td>76W</td> <td>8697</td> <td><input type="checkbox"/> L2W30r1-R3</td> </tr> </tbody> </table>	Type III	INPUT WATTS	DELIVERED LUMENS	MODEL		18W	2760	<input type="checkbox"/> L1W18r0-R3		38W	4395	<input type="checkbox"/> L1W30r1-R3		76W	8697	<input type="checkbox"/> L2W30r1-R3			
Type III	INPUT WATTS	DELIVERED LUMENS	MODEL																
	18W	2760	<input type="checkbox"/> L1W18r0-R3																
	38W	4395	<input type="checkbox"/> L1W30r1-R3																
	76W	8697	<input type="checkbox"/> L2W30r1-R3																
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Type IV	INPUT WATTS	DELIVERED LUMENS	MODEL																
	18W	2822	<input type="checkbox"/> L1W18r0-R4																
	38W	4493	<input type="checkbox"/> L1W30r1-R4																
	75W	8482	<input type="checkbox"/> L2W30r1-R4																
<table border="1"> <thead> <tr> <th>Type V</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>MODEL</th> </tr> </thead> <tbody> <tr> <td></td> <td>18W</td> <td>2665</td> <td><input type="checkbox"/> L1W18r0-R5</td> </tr> <tr> <td></td> <td>36W</td> <td>4243</td> <td><input type="checkbox"/> L1W30r1-R5</td> </tr> <tr> <td></td> <td>69W</td> <td>7937</td> <td><input type="checkbox"/> L2W30r1-R5</td> </tr> </tbody> </table>	Type V	INPUT WATTS	DELIVERED LUMENS	MODEL		18W	2665	<input type="checkbox"/> L1W18r0-R5		36W	4243	<input type="checkbox"/> L1W30r1-R5		69W	7937	<input type="checkbox"/> L2W30r1-R5			
Type V	INPUT WATTS	DELIVERED LUMENS	MODEL																
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	69W	7937	<input type="checkbox"/> L2W30r1-R5																
 <ul style="list-style-type: none"> <li><input type="checkbox"/> AR25W<sup>1</sup></li> <li><input type="checkbox"/> AR35W</li> <li><input type="checkbox"/> AR35FW</li> </ul>	<b>AMBER LED LIGHT SELECTION</b> <table border="1"> <thead> <tr> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>MODEL</th> </tr> </thead> <tbody> <tr> <td>17W</td> <td>388</td> <td><input type="checkbox"/> L1W18K2A</td> </tr> <tr> <td>34W</td> <td>776</td> <td><input type="checkbox"/> L2W18K2A</td> </tr> </tbody> </table>	INPUT WATTS	DELIVERED LUMENS	MODEL	17W	388	<input type="checkbox"/> L1W18K2A	34W	776	<input type="checkbox"/> L2W18K2A									
	INPUT WATTS	DELIVERED LUMENS	MODEL																
	17W	388	<input type="checkbox"/> L1W18K2A																
34W	776	<input type="checkbox"/> L2W18K2A																	

**NOTE:** Above wattage values are based on 277V, tested at 25°C ambient temperature.  
 Wattage may vary by approx. +/- 10% for other voltages or changes in ambient temperature.  
 Lumens output will remain constant.

## OPTIONS

### ELECTRICAL

- PH Photocell <sup>3</sup>
- FS Fuse <sup>3</sup>
- SP Surge protector 10KV

Alternate CCT °K LED (LCF: Lumen conversion factor)

- K3 3000K CCT 80 CRI (LCF: 0.94)
- K35 3500K CCT 80 CRI (LCF: 0.98)
- K5 5000K CCT 80 CRI (LCF: 1.01)

### MOUNTING

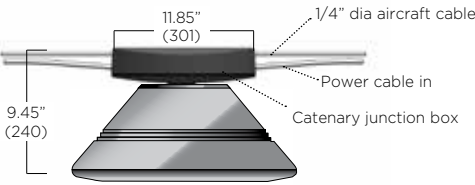
- P2 Pole dual mount @ 180°
- CAT2 Catenary suspension attachment (only available on AR35FW)

**Note:** One FS and PH options are provided with a dual mount luminaire. (See note 3)

### ACCESSORIES

- BLC Back light control <sup>4</sup>

### OPTION DETAILS



**CAT2 (only available on AR35FW)**  
 Cast aluminum catenary junction box with (2) 1/2" sealed connectors for power cable. Ready to accept 1/4" stainless steel suspension cable. (Structural design, power cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)

### NOTES

- 1- Add 10W to input power when selecting model AR25 with luminous insert.
- 2- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 3- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires. (Except for other types of mounting.)
- 4- BLC: Back Light Control - Type II Distribution.

# LUMINIS®

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 260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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Luminaires may be altered for design improvement or discontinued without prior notice.

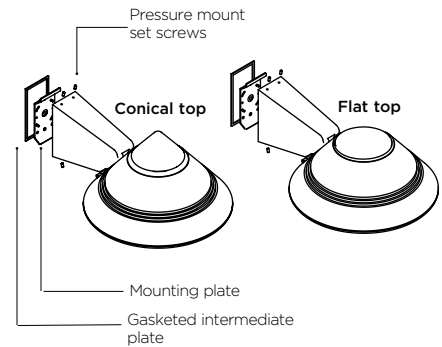
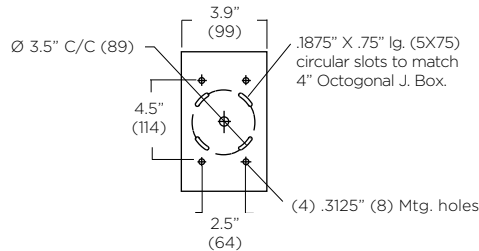
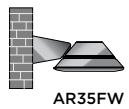
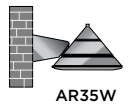
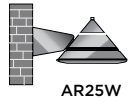
Jan 2017 Rev 0

# AR25/AR35 SERIES

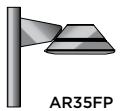
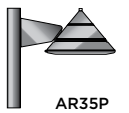
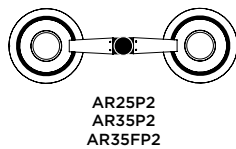
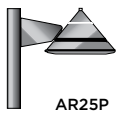
## ARGON - LED

### MOUNTING OPTIONS

#### AR25W/AR35W/AR35FW Wall mount

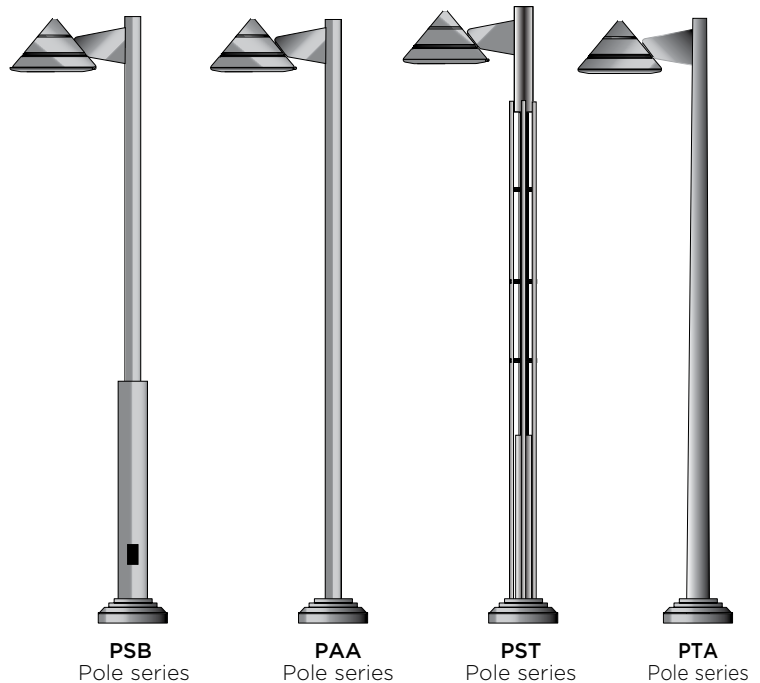


#### AR25P/AR35P/AR35FP Pole mount.



Argon is standard as a single pole mount. Optional dual mount P2 or other mounting arrangements are available on request.

**NOTE 1:** PST Pole attachment requires a 10" (254) tenon extension over pole nominal height. Factory installed.



#### MATCHING POLE SELECTION

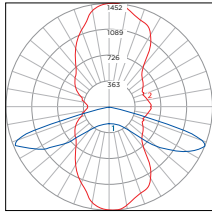
Ø 4"	Ø 5"	Ø 4"	Tapered Pole	Ø 4"	Height
PAA410	PAA510	PST10	-----	PSB10	10 Ft. (3 M)
PAA412	PAA512	PST12	-----	PSB12	12 Ft. (3,6 M)
PAA414	PAA514	PST14	-----	PSB14	14 Ft. (4,2 M)
PAA416	PAA516	PST16	PTA16	PSB16	16 Ft. (4,8 M)
PAA418	PAA518	-----	PTA18	PSB18	18 Ft. (5,5 M)
PAA420	PAA520	-----	PTA20	PSB20	20 Ft. (6,0 M)
-----	-----	-----	PTA25	-----	25 Ft. (7,6 M)

For additional pole details, please refer to separate pole specification sheet.  
 Ø 4"= 100mm Ø5"= 127mm



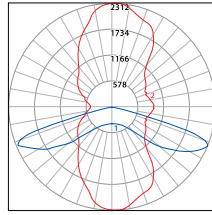
### TYPICAL PHOTOMETRY SUMMARY

#### TYPE II



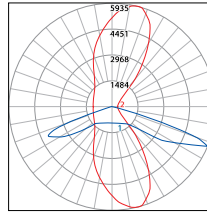
**AR25-L1W18r0-R2**  
**AR35-L1W18r0-R2**

Total Lumens: 2619 Lms  
Total Input Watts: 18.5W  
Efficacy: 141.57 Lms/W  
BUG Rating: B2-U0-G2  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
1452 @ 85°H/67.5°V



**AR25-L1W30r1-R2**  
**AR35-L1W30r1-R2**

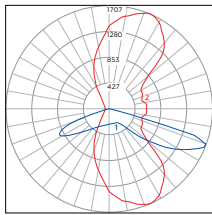
Total Lumens: 4170 Lms  
Total Input Watts: 34.33W  
Efficacy: 121.47 Lms/W  
BUG Rating: B2-U0-G2  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
2312 @ 85°H/67.5°V



**AR25-L2W30r1-R2**  
**AR35-L2W30r1-R2**

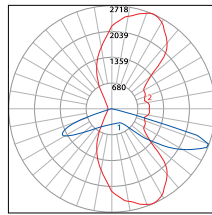
Total Lumens: 7994 Lms  
Total Input Watts: 68.66W  
Efficacy: 116.43 Lms/W  
BUG Rating: B3-U0-G3  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
5935 @ 77.5°H/67.5°V

#### TYPE III



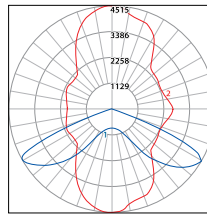
**AR25-L1W18r0-R3**  
**AR35-L1W18r0-R3**

Total Lumens: 2760 Lms  
Total Input Watts: 18.5W  
Efficacy: 149.19 Lms/W  
BUG Rating: B1-U0-G1  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
1707 @ 65°H/70°V



**AR25-L1W30r1-R3**  
**AR35-L1W30r1-R3**

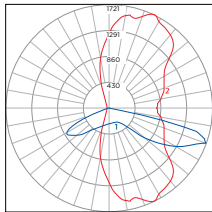
Total Lumens: 4395 Lms  
Total Input Watts: 38.3W  
Efficacy: 114.75 Lms/W  
BUG Rating: B2-U0-G2  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
2718 @ 65°H/70°V



**AR25-L2W30r1-R3**  
**AR35-L2W30r1-R3**

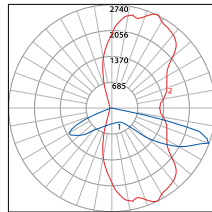
Total Lumens: 8697 Lms  
Total Input Watts: 75.59W  
Efficacy: 115.05 Lms/W  
BUG Rating: B3-U0-G3  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
4515 @ 90°H/60°V

#### TYPE IV



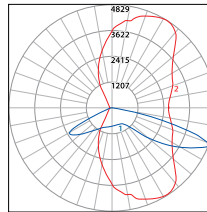
**AR25-L1W18r0-R4**  
**AR35-L1W18r0-R4**

Total Lumens: 2822 Lms  
Total Input Watts: 18.5W  
Efficacy: 152.54 Lms/W  
BUG Rating: B1-U1-G1  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
1720 @ 65°H/70°V



**AR25-L1W30r1-R4**  
**AR35-L1W30r1-R4**

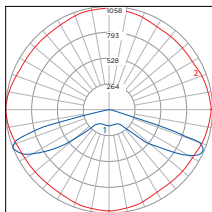
Total Lumens: 4493 Lms  
Total Input Watts: 38.25W  
Efficacy: 117.46 Lms/W  
BUG Rating: B2-U1-G1  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
2740 @ 65°H/70°V



**AR25-L2W30r1-R4**  
**AR35-L2W30r1-R4**

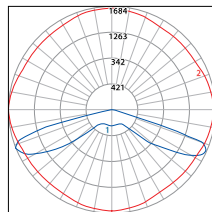
Total Lumens: 8482 Lms  
Total Input Watts: 75.21W  
Efficacy: 112.78 Lms/W  
BUG Rating: B2-U1-G2  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
4829 @ 57.5°H/67.5°V

#### TYPE V



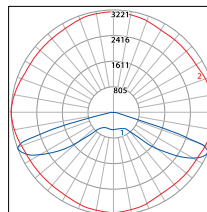
**AR25-L1W18r0-R5**  
**AR35-L1W18r0-R5**

Total Lumens: 2665 Lms  
Total Input Watts: 18.5W  
Efficacy: 144.05 Lms/W  
BUG Rating: B2-U0-G1  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
1057 @ 180°H/67.5°V



**AR25-L1W30r1-R5**  
**AR35-L1W30r1-R5**

Total Lumens: 4243 Lms  
Total Input Watts: 35.71W  
Efficacy: 118.82 Lms/W  
BUG Rating: B3-U0-G1  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
1684 @ 67.5°V



**AR25-L2W30r1-R5**  
**AR35-L2W30r1-R5**

Total Lumens: 7937 Lms  
Total Input Watts: 68.67W  
Efficacy: 115.58 Lms/W  
BUG Rating: B3-U0-G2  
Cutoff Class: Full Cutoff  
CCT/CRI: 4000K/80  
Max Candela:  
3221 @ 65°V

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All published photometric data are executed and certified by an independent testing laboratory.