

# i2Systems<sup>®</sup> Gen2<sup>™</sup> Washer HO

ADVANCED LED LIGHTING

PROJECT NAME \_\_\_\_\_

## MODEL V2355 | HIGH OUTPUT LED LINEAR LUMINAIRE | WET LOCATION†

Gen2 is an architectural-grade, wet-location LED luminaire engineered for the illumination and washing of walls and surfaces, with perfect continuous light and plug-together design.

US 8,255,487 | US 8,264,172  
Additional Patents Pending



### FIXTURE BUILDER

V2355	A	-				<b>OPTIONS</b> <i>Select one of each option below</i>
<b>FIXTURE TYPE</b>	<b>OUTPUT</b>	<b>LENGTH</b>	<b>BEAM ANGLE</b>	<b>LED COLOR</b>	<b>LOCATION</b>	
Gen2 Washer HO	<b>A</b> High 14W / Ft	<b>1</b> 12" <b>2</b> 24" <b>3</b> 36" <b>4</b> 48"	<b>3</b> 30° <b>8</b> 82° <i>See Gen2 Grazer for additional beam angles.</i>	<b>AAH</b> Cool White – 6500°K <b>AAG</b> Cool White – 5700°K <b>AAF</b> Cool White – 5000°K <b>BBE</b> Neutral White – 4500°K <b>BBD</b> Neutral White – 4000°K <b>CBC</b> Warm White – 3500°K <b>CBB</b> Warm White – 3000°K <b>CBA</b> Warm White – 2700°K	<input type="checkbox"/> Outdoor* <input type="checkbox"/> Indoor	
<i>*factory defaults</i>					<b>FINISH</b>	
					<input type="checkbox"/> Black Anodize* <input type="checkbox"/> Clear Anodize	

### ACCESSORIES

DIMMING CONTROL	POWER BOXES	CONNECTORS & CABLES	BRACKETS & BAFFLES									
<b>LIGHTLINK</b> <input type="checkbox"/> LL-205-10V 0-10V Bridge & Dimmer  <b>DIMMING CABLE</b> <input type="checkbox"/> 685-01561-100 Indoor, 100ft, Plenum <input type="checkbox"/> 685-02026-100 Outdoor, 100ft, Water/UV	<b>INDOOR / OUTDOOR</b> <table border="1"> <thead> <tr> <th></th> <th>VOLTAGE</th> <th>POWERS</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> E10PW 280W</td> <td>120-277V AC</td> <td>20 ft</td> </tr> <tr> <td><input type="checkbox"/> E10PW 560W*</td> <td>120-277V AC</td> <td>20 ft x 2</td> </tr> </tbody> </table> <i>*dual output</i>		VOLTAGE	POWERS	<input type="checkbox"/> E10PW 280W	120-277V AC	20 ft	<input type="checkbox"/> E10PW 560W*	120-277V AC	20 ft x 2	<b>INPUT CABLES</b> <input type="checkbox"/> VLAK2-C1-06 6 ft Straight Cable <input type="checkbox"/> VLAK2-C1-06L 6 ft Left Angle Cable <input type="checkbox"/> VLAK2-C1-06R 6 ft Right Angle Cable  <b>EXTENSION CABLES</b> <input type="checkbox"/> VLAK2-C2-01 1 ft Extension <input type="checkbox"/> VLAK2-C2-03 3 ft Extension  <b>PLUG-TOGETHER</b> <input type="checkbox"/> VLAK2-J1 End-to-End Jumper <input type="checkbox"/> 530-01757 End Plug (for last light)	<b>BRACKETS</b> <input type="checkbox"/> VLA-17 Adjustable <input type="checkbox"/> VLA-9 Fixed  <b>EXTENDED BRACKETS</b> <input type="checkbox"/> VLAX3-6 6" Extension <input type="checkbox"/> VLAX3-12 12" Extension  <b>BAFFLES (INDOOR ONLY)</b> <input type="checkbox"/> Black 810-02305-xxB <input type="checkbox"/> White 810-02305-xxW <i>xx = fixture length</i>
	VOLTAGE	POWERS										
<input type="checkbox"/> E10PW 280W	120-277V AC	20 ft										
<input type="checkbox"/> E10PW 560W*	120-277V AC	20 ft x 2										

### QUICK SPECS

<b>Input Voltage</b>	20-30V DC	<b>Humidity</b>	0 to 95% Non Condensing
<b>Power / Ft</b>	14 Watts	<b>CRI</b>	85 typ.
<b>Lumens / Ft</b>	938 lms typ. @ 3000°K	<b>Max. Plug-Together</b>	20 Feet of Fixtures @ 30V DC
<b>Efficiency</b>	67 lms / W typ. @ 3000°K	<b>Max. Wire Distance</b>	50 Feet from Last Light to Power Box using 12 AWG
<b>Operating Temp</b>	-20°C to 40°C	<b>Housing</b>	Mil-Spec Anodized Aluminum
<b>Max. Case Temp</b>	50°C	<b>Lens</b>	UV Resistant Acrylic



### PHOTOMETRICS

Additional Angles at [www.i2Systems.com](http://www.i2Systems.com)

48" GEN2 WASHER HO (V2355A-43CBB) RESULTS

Mounting Height	fc @ Center Beam	Diameter of Lighted Plane
4.0 ft	272 fc	2.37 ft
6.0 ft	121 fc	3.55 ft
8.0 ft	68.0 fc	4.74 ft
10.0 ft	43.5 fc	5.92 ft
12.0 ft	30.2 fc	7.11 ft
14.0 ft	22.2 fc	8.29 ft
16.0 ft	17.0 fc	9.47 ft

for lux, multiply by 10.8

<b>Multiplier Table</b>	<b>3000°K</b>	<b>4000°K</b>	<b>5700°K</b>	All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.
Gen2 Washer HO	x1.05	x1.10		

For complete technical information refer to the Gen2 Installation Guide available at [www.i2Systems.com](http://www.i2Systems.com)



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092-02331B

†Product specified as "Outdoor" is rated for exterior applications, however it is not rated for submersible applications and should not be mounted in conditions where there is, or is a possibility of, standing water. When installing in wet or damp locations, it is good practice to seal all fixtures and junction boxes with electronics-grade RTV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, cables, or other electrical parts. Product should not be installed in extreme locations, including but not limited to those outside of its temperature/humidity rating, environments subject to greater-than-average temperature shifts, and/or applications where product is subject to water runoff or downspouts. For more information, please refer to the Gen2 Installation Guide available at [www.i2Systems.com](http://www.i2Systems.com).