

i2Systems[®] Gen2[™] Washer

ADVANCED LED LIGHTING

PROJECT NAME

MODEL V2355 | 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	B	-				OPTIONS <i>Select one of each option below</i>
FIXTURE TYPE	OUTPUT	LENGTH	BEAM ANGLE	LED COLOR	LOCATION	
Gen2 Washer	B Standard 7W / Ft	1 12" 2 24" 3 36" 4 48"	3 30° 8 82° <i>See Gen2 Grazer for additional beam angles.</i>	AAH Cool White – 6500°K AAG Cool White – 5700°K* AAF Cool White – 5000°K BBE Neutral White – 4500°K BBD Neutral White – 4000°K* CBC Warm White – 3500°K CBB Warm White – 3000°K* CBA Warm White – 2700°K	<input type="checkbox"/> Outdoor* <input type="checkbox"/> Indoor	
<i>*factory defaults</i>					FINISH	<input type="checkbox"/> Black Anodize* <input type="checkbox"/> Clear Anodize

ACCESSORIES

DIMMING CONTROL	POWER BOXES	CONNECTORS & CABLES	BRACKETS & BAFFLES									
LIGHTLINK <input type="checkbox"/> LL-205-10V 0-10V Bridge & Dimmer DIMMING CABLE <input type="checkbox"/> 685-01561-100 Indoor, 100ft, Plenum <input type="checkbox"/> 685-02026-100 Outdoor, 100ft, Water/UV	INDOOR / OUTDOOR <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>40 ft</td> </tr> <tr> <td><input type="checkbox"/> E10PW 560W*</td> <td>120-277V AC</td> <td>40 ft x 2</td> </tr> </tbody> </table> <i>*dual output</i>		VOLTAGE	POWERS	<input type="checkbox"/> E10PW 280W	120-277V AC	40 ft	<input type="checkbox"/> E10PW 560W*	120-277V AC	40 ft x 2	INPUT CABLES <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 EXTENSION CABLES <input type="checkbox"/> VLAK2-C2-01 1 ft Extension <input type="checkbox"/> VLAK2-C2-03 3 ft Extension PLUG-TOGETHER <input type="checkbox"/> VLAK2-J1 End-to-End Jumper <input type="checkbox"/> 530-01757 End Plug (for last light)	BRACKETS <input type="checkbox"/> VLA-17 Adjustable <input type="checkbox"/> VLA-9 Fixed EXTENDED BRACKETS <input type="checkbox"/> VLAX3-6 6" Extension <input type="checkbox"/> VLAX3-12 12" Extension BAFFLES (INDOOR ONLY) <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	40 ft										
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QUICK SPECS

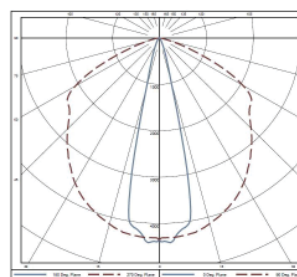
Input Voltage	20-30V DC	Humidity	0 to 95% Non Condensing
Power / Ft	7 Watts	CRI	85 typ.
Lumens / Ft	469 lms typ. @ 3000°K	Max. Plug-Together	40 Feet of Fixtures @ 30V DC
Efficiency	67 lms / W typ. @ 3000°K	Max. Wire Distance	100 Feet from Last Light to Power Box using 12 AWG
Operating Temp	-20°C to 40°C	Housing	Mil-Spec Anodized Aluminum
Max. Case Temp	50°C	Lens	UV Resistant Acrylic



PHOTOMETRICS

Additional Angles at i2Systems.com

48" GEN2 WASHER (V2355B-43CBB) RESULTS



Mounting Height	fc @ Center Beam	Diameter of Lighted Plane
4.0 ft	136 fc	2.37 ft
6.0 ft	60.5 fc	3.55 ft
8.0 ft	34.0 fc	4.74 ft
10.0 ft	21.8 fc	5.92 ft
12.0 ft	15.1 fc	7.11 ft
14.0 ft	11.1 fc	8.29 ft
16.0 ft	8.5 fc	9.47 ft

for lux, multiply by 10.8

Multiplier Table	3000°K	4000°K	5700°K	Results as shown are calculated at 1/2 the measured intensity of the Gen2 PowerWasher and are for reference only.
Gen2 Washer		x1.05	x1.10	

For complete technical information refer to the Gen2 Installation Guide available at www.i2Systems.com



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092-02333B

†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.