

# i2Systems<sup>®</sup> Gen2<sup>™</sup> Grazer 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 grazing 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

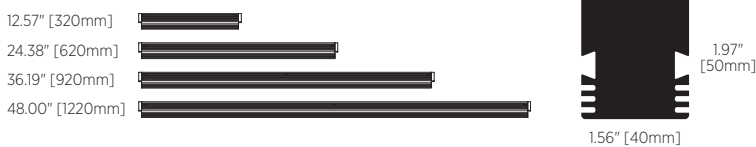
V2355	A	-	1		<b>OPTIONS</b> Select one of each option below
<b>FIXTURE TYPE</b> Gen2 Grazer HO  <i>*factory defaults</i>	<b>OUTPUT</b> A High 14W / Ft	<b>LENGTH</b> 1 12" 2 24" 3 36" 4 48"	<b>BEAM ANGLE</b> 1 10° <i>See Gen2 Washer for additional beam angles.</i>	<b>LED COLOR</b> AAH Cool White – 6500°K 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	<b>LOCATION</b> <input type="checkbox"/> Outdoor* <input type="checkbox"/> Indoor  <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>INDOOR / OUTDOOR</b> <table border="1"> <thead> <tr> <th></th> <th>VOLTAGE</th> <th>POWERS</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> EI0PW 280W</td> <td>120-277V AC</td> <td>20 ft</td> </tr> <tr> <td><input type="checkbox"/> EI0PW 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"/> EI0PW 280W	120-277V AC	20 ft	<input type="checkbox"/> EI0PW 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"/> EI0PW 280W	120-277V AC	20 ft										
<input type="checkbox"/> EI0PW 560W*	120-277V AC	20 ft x 2										
<b>DIMMING CABLE</b> <input type="checkbox"/> 685-01561-100 Indoor, 100ft, Plenum <input type="checkbox"/> 685-02026-100 Outdoor, 100ft, Water/UV												

### QUICK SPECS

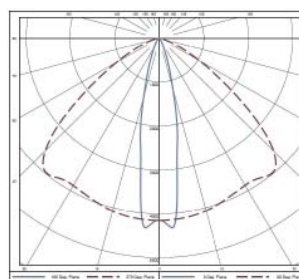
<b>Input Voltage</b>	20-30V DC	<b>Humidity</b>	0 to 95% Non Condensing
<b>Power / Ft</b>	14 Watts	<b>CRI</b>	85 typ.
<b>Lumens / Ft</b>	938 lms typ. @ 3000°K	<b>Max. Plug-Together</b>	20 Feet of Fixtures @ 30V DC
<b>Efficiency</b>	67 lms / W typ. @ 3000°K	<b>Max. Wire Distance</b>	50 Feet from Last Light 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 [i2Systems.com](http://i2Systems.com)

#### 48" GEN2 GRAZER HO (V2355A-41CBB) RESULTS



Mounting Height	fc @ Center Beam	Diameter of Lighted Plane
4.0 ft	259 fc	2.27 ft
6.0 ft	115 fc	3.41 ft
8.0 ft	64.9 fc	4.55 ft
10.0 ft	41.5 fc	5.68 ft
12.0 ft	28.8 fc	6.82 ft
14.0 ft	21.2 fc	7.96 ft
16.0 ft	16.2 fc	9.09 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 Grazer 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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092-02330B

\*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).