



TIERRA

IGF4 RGBW/RGBA

4" LED Color Changing In-Grade Fixture

HIGHLIGHTS

- Hybrid sealing featuring independently encapsulated LED module and Driver module
- Mechanical tilt of 0°, 5°, or 10°
- Modular Design to facilitate easy of installation, driver replacement, and light source updates as technology advances
- UV Stabilized, impact and corrosion resistant materials for the roughest operating environments
- Optimal beam control with seven unique distributions
- Available in RGBW3 (3000K), RGBW4 (4000K) and RGBA (amber)
- Quad-Tech enabled for optimal color mixing under each optic. Prevents striations and color separation in wall grazing or washing applications
- Superior performance with up to 550 delivered lumens and a max CBCP of 2,398

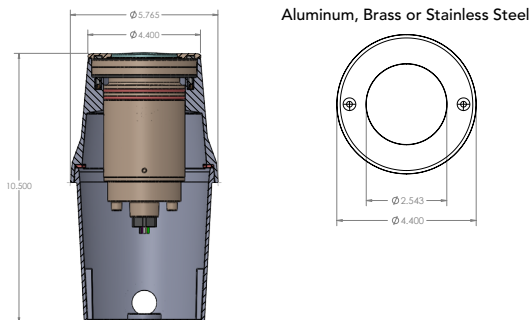
5
YEAR
warranty


IP68



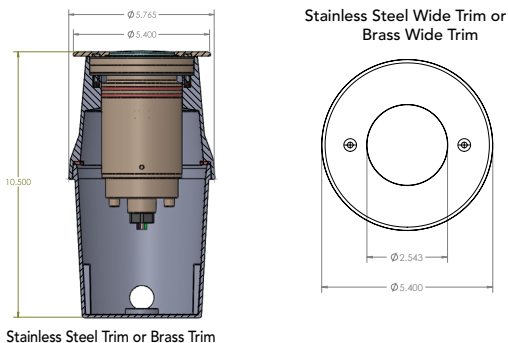
Specifications	Aluminum, Brass or Stainless Steel	Stainless Steel and Brass Wide Trim
Diameter:	4.40"	5.40"
	111 mm	137 mm
Height:	10.50"	10.50"
	266 mm	266 mm
Weight:	10LBS.	10.05LBS.

DIMENSIONS



Aluminum, Brass or Stainless Steel

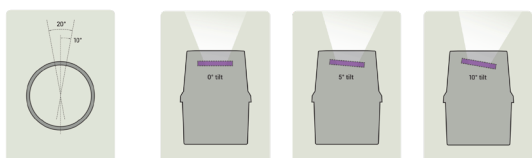
Aluminum, Brass or Stainless Steel Door



Stainless Steel Wide Trim or Brass Wide Trim

Stainless Steel Trim or Brass Trim

AIMING DETAILS


 AIMING ADJUSTMENT
0° to 20° HORIZONTAL

0° TILT

5° TILT

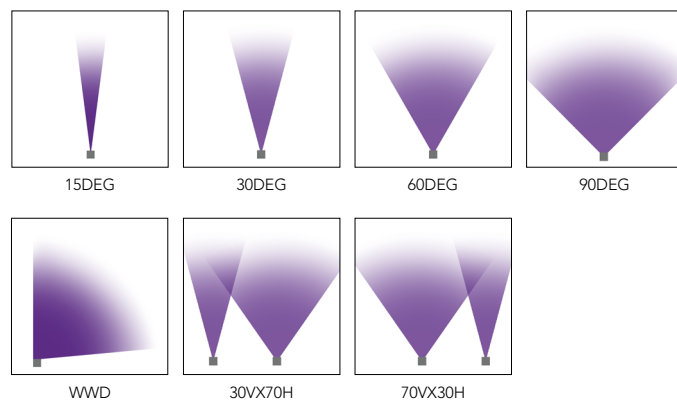
10° TILT

PERFORMANCE SUMMARY

	15DEG	30DEG	60DEG	90DEG	WWD	30VX70H	70VX30H
Max Delivered Lumens	541	537	533	517	474	508	550
Watts	15.7	15.7	15.7	15.7	15.7	15.7	15.7
LPW	34	34	34	33	30	32	35
Max Candela	2,398	1,217	538	252	906	868	905

Note: Information based on all colors full on RGBW4

STANDARD DISTRIBUTION



ORDERING INFORMATION
EXAMPLE: IGF4 BR LED P1 RGBW4 MVOLT 30DEG 0T FLC 34B34S DMX

Model*		Door Material*		Source*		Performance Package*	LED Dynamic Range*		Voltage*		Distribution*	
IGF4	In-Grade Fixture 4"	A	Aluminum	LED	LED	P1	RGBW4	40K White	MVOLT	120-277 Volt 50/60HZ	15DEG	15°
		BR	Brass				RGBW3	30K White			30DEG	30°
		SS	Stainless Steel				RGBA	Red, Green, Blue, Amber Limited Wavelength			60DEG	60°
		SST	Stainless Steel Wide Trim								90DEG	90°
		BST	Brass Wide Trim								WWD	Wall Wash Distribution
						30VX70H	30° x 70°	70VX30H	70° x 30°			

Tilt*	Lens*	Conduit Entries*		Control Input*	Finish			
0T	0° Tilt	FLC	Flat Lens Clear	34B34S	3/4" NPT Bottom & Side (includes 4 3/4" side & Bottom)	DMX	BL	Black
5T	5° Tilt	FLCSR	Slip Resistant Lens			BZ	Bronze	
10T	10° Tilt					BRS	Bronze Smooth	
						BRT	Bronze Textured	
						DBL	Black Smooth	
						DDB	Designer Bronze	
						DNA	Natural Aluminum	
						NBS	Natural Bronze Smooth	
						SND	Sand	
						WH	White	
						_Z	Zinc Undercoat (i.e.BLZ)	

Note: Zinc Undercoat provides corrosion protection for Marine Environment and Natatorium Construction
Note: Finish is only available with A (aluminum) Material

Note: * is a required field

ELECTRICAL LOAD

Light Engines	System Watts	Input Current (A)					
		120	208	240	277	120	277
P1	15.7	0.131	0.075	0.065	0.057	1.1	3.7

PERFORMANCE DATA

LUMEN OUTPUT – IGF4

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		RGBW3			RGBW4			RGBA		
			°H	°V	°H	°V	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW
P1	15.7	15DEG	44	44	21	21	2,176	491	31	2,398	541	34	2,015	454	29
		30DEG	64	64	33	33	1,104	487	31	1,217	537	34	1,022	451	29
		60DEG	98	98	56	56	488	484	31	538	533	34	452	448	29
		90DEG	134	134	92	92	229	469	30	252	517	33	212	434	28
		WWD	73	75	34	32	822	430	27	906	474	30	761	398	25
		30VX70H	105	54	65	23	788	461	29	868	508	32	730	427	27
		70VX30H	53	103	23	63	821	499	32	905	550	35	760	462	29

ACCESSORIES

DOOR MATERIAL



ALUMINUM DOOR

Aluminum die cast material, alloy 380 with clear coat standard.

Available with optional painted finish



BRASS DOOR

Brushed, corrosion resistant, alloy 385 brass material



STAINLESS STEEL DOOR

Brushed, corrosion resistant, alloy 304 stainless steel material

ACCESSORY OPTIONS

TAKE CONTROL

Hydrel lighting solutions bring ease of use, innovation, and next-generation control features to commercial, underwater, and architectural outdoor applications. We offer a dedicated team of specification engineers to take you through lighting design, the specification process, to the installation of our fixtures. We simplify the complex and help you create the right layer of light for any outdoor lighting environment. Find the right architectural outdoor fixture, controls, and network connectivity with Hydrel Lighting Solutions.

FRESCO CONTROL SYSTEM

FCS	Fresco Control System	7TSN	7" touchscreen with nLight port	X	DMX/RMD control	DBL	Black
						DWH	White
						DNA	Natural Aluminum

Refer to [FRESCO](#) spec sheet for additional details and options.



EASYL - LED SHOW CONTROLLER WITH LCD TOUCHSCREEN (INTETRAL POWER SUPPLY)

EZSOLO	Easyl Solo	MVOLT	120V-277V VAC, 50/60Hz	BK	Black
EZTOUCH	Easyl Touch			Wh	White
EZPRO	Easyl Pro				

Refer to [EASYL](#) spec sheet for additional details and options.



PATHWAY Connectivity Solutions- DMX lighting and networking with scalable networks



DMX512 networks create dynamic lighting. Dynamic lighting often brings a lot of color and movement to spaces. The DMX512 lighting protocol was created to serve the needs of performance lighting, such as in theaters or music venues. A DMX network is designed to support large amounts of data continually moving between controllers and luminaires, and at very high speeds. Many non-performance lighting applications also rely on DMX networks, to support RGB LED luminaires featured in applications such as building façades, hotel lobbies and corporate reception areas.

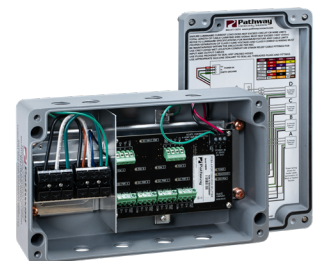
A DMX network always includes a controller and luminaires that are compatible with the DMX protocol. As well, DMX lighting systems must include network devices that route the DMX data to different locations between the controllers and luminaires.

[Pathway Connectivity](#) provides these network devices, creating robust and secure network backbones. Pathway devices create bridges between Ethernet and DMX, and DMX and other kinds of lighting control protocols, such as RDM, nLight® or 0-10v.

DMX-RDM REPEATER WITH POWER IN IP65 ENCLOSURE

PWREP IP65 P4 TERM RDM	DMX-RDM Repeater with Power in IP65 Enclosure
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Refer to [PWREP IP65](#) spec sheet for additional details.



SPECIFICATIONS AND FEATURES

INTENDED USE: The IGF4 LED Ingrade Series is intended to provide years of trouble free operation for even the most severe direct burial applications. It utilizes a modular design to provide fast and simple installation along with easy to replace LED and driver modules if needed in future years for both maintenance and product efficiency gains. This product is ideal for all uplighting applications up to 550 lumens where a small footprint Ingrade is desired.

DOOR MATERIAL: Aluminum Door: Aluminum die cast material, alloy 380 with clear coat standard. Available with optional painted finish. Brass Door: Brushed, corrosion resistant, alloy 385 brass material.

ROUGH-IN SECTION: The robust polymer Rough-In section is molded from a U.V. stabilized material that is both impact and corrosion resistant for all types of environments. The rough-in utilizes a integral junction box to support easy access and initial installation.

CONDUIT ENTRIES: 34B34S 3/4" NPT Bottom & Side (includes 4 3/4" side & Bottom)

FINISHING SECTION: The finishing section includes a standard die cast aluminum face plate with a corrosion resistant finish. Upgraded face plates are available in highly corrosion resistant stainless steel and brass with brushed finishes. Oversized trim face plate to trim out the finished installation hole for tile and other surface materials.

LED MODULE: The LED module utilizes a highly corrosive resistant die cast brass housing. The module accomplishes a dual purpose of water ingress and thermal management to protect the critical LED components and ensure years of serviceable life. Double sealed from the environment utilizing a moisture blocking fitting and silicone seals are trademark to Hydrel quality.

LIGHT ENGINE: The light engine includes the latest in quad chip LED technology to ensure the best blending of colors under the optic, eliminating any striations or color separation typically seen in near field illumination when discreet RGBW chips are used. These LEDs are coupled with a precision optic and light shaping films to provide the most efficient beams delivering light onto the intended surface.

OPTICS: 15DEG, 30DEG, 60DEG, 90DEG Wall Wash, 30VX70H and 70VX30H

LENS: Tempered Borosilicate Glass

POWER MODULE: The LED driver is fully encapsulated within the die cast brass driver module housing. The thermally conductive epoxy material provides not only thermal dissipation of the driver for optimum operation but also the highest level of water ingress protection for this critical component.

VOLTAGE: MVOLT 120-277 volt 50/60HZ.

CONTROL: DMX512. Color control is achieved through standard DMX512 hardware, at a maximum of 44 frames per second. All channels have logarithmic power for finer color and intensity control. Compatible with the Easy and Fresco controllers from Acuity. Controllers must be ordered separately.

LISTING: cCSAus, suitable for wet locations, laboratory tests conducted by CSA to UL Standard UL-1598 and UL-8750

GOVERNMENT PROCUREMENT:

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Consult factory for details.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.