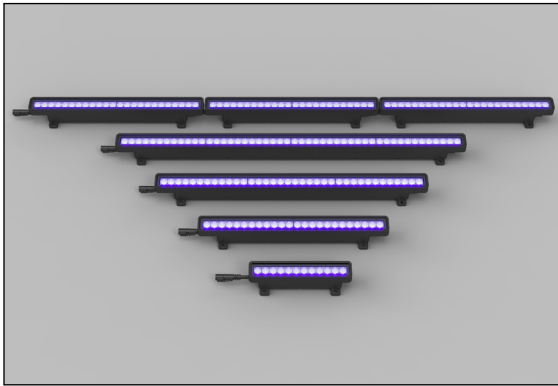




Specifications

Model	Length	Weight
Ridge	1FT	5 lbs.
	2FT	9 lbs.
	3FT	13 lbs.
	4FT	17 lbs.

Note: Fixture only, less mounting

RIDGE

Linear Flood

Dynamic Color RGBW

HIGHLIGHTS

- High performance family of architectural outdoor linear luminaires ideal for grazing, floodlighting, and wall washing applications
- Available in 1FT, 2FT, 3FT, and 4FT nominal lengths
- Robust, die-cast construction
- Low iron tempered glass lens bonded to the body for a permanent and durable seal
- Precision acrylic optics offer superior beam quality and control with 7 distribution options
- Up to 1,700 LM/FT and up to 110,600 CBCP all on
- Available with resolution control to 1 foot or full fixture level
- RGBW Quad Tech LED technology enables optimal color mixing under each individual optic, ensuring no striations or color separation
- Power Scaling driver technology allows each channel to reach its highest possible wattage and output, maximizing performance
- 18 mounting options combined with flexible positioning guarantee quick, precise installation in every application.
- Available with field installable external optical accessories for additional glare control
- Easy to maintain with field serviceable drivers
- IP67 Rated
- 3G and 5G vibration rating options available
- IK10 Rated with LVR and FVSR options
- -20°C to +50°C ambient operating temperature range for all configurations

5
YEAR
warranty



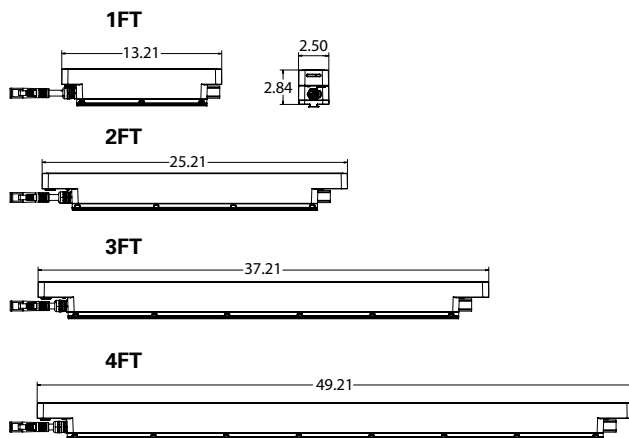
67
IP RATED



BAA

BABA

DIMENSIONS



PERFORMANCE SUMMARY

	P1			P2			P3		
	Delivered Lumens	Watts	LPW	Delivered Lumens	Watts	LPW	Delivered Lumens	Watts	LPW
Red	584	35.4	17	893	59.7	15	1,201	84	14
Green	4,335	31.1	139	6,074	53.1	114	7,813	75.7	103
Blue	1,597	25.7	62	2,498	44.3	56	3,400	62.9	54
White (40K)	3,577	34.5	104	5,268	59.1	89	7,114	83.1	86
All On (RGBW4)	3,351	33.4	100	6,438	66.6	97	6,430	68.2	94

* Based on 4FT fixture with 30X60DEG distribution

STANDARD DISTRIBUTION



ORDERING INFORMATION

EXAMPLE: RIDGE LCB 7FT MSL3 P2 ARTC RGBW3 MVOLT 9x9DEG CGL UFXF LVR DMXFX FCCSL10D BL

Series*		Linear Plan*		Total Run Length*		Maximum Fixture Length*		Performance Package*		Dynamic Feature*	
RIDGE	Hydrel Linear Flood	LCB	Linear Center Balance	#FT	Total Run Length offered in 1FT increments	MSL1	1FT Section Length	P1	Note: P3 is only available with 2FT and 4FT fixture lengths and DMXFX control input Note: For 1FT must be ordered with DMX1FT	ARTC	Architainment Color
		LLP	Linear Longest Possible			MSL2	2FT Section Length	P2			
		LSL	Linear Same Length			MSL3	3FT Section Length	P3			
						MSL4	4FT Section Length				
Color Temperature*		Voltage*		Distribution*		Lens*		Mounting*			
RGBW3	Dynamic Color Red Green Blue White - 30K 80CRI	MVOLT	120V-277V	9X9DEG	9 x 9 Degrees	CGL	Clear Glass Lens	Universal Surface		Horizontal Surface	
RGBW4	Dynamic Color Red Green Blue White - 40K 80CRI			10X60DEG	10 x 60 Degrees			UFXS	Universal Fixed, Slim (5G)	ADJH1	Adjustable Horizontal Surface Mount, 1" (5G)
				15X30DEG	15 x 30 Degrees			UFXF	Universal Fixed, Flex (5G)	ADJH2	Adjustable Horizontal Surface Mount, 2" (5G)
RGBW5	Dynamic Color Red Green Blue White - 50K 80CRI			30X60DEG	30 x 60 Degrees			UADJI	Universal Adjustable, Inside (3G)	ADJH3	Adjustable Horizontal Surface Mount, 3" (3G)
		40X60DEG	40 x 60 Degrees	UADJO	Universal Adjustable, Outside (3G)	ADJH6	Adjustable Horizontal Surface Mount, 6"				
		60X60DEG	60 x 60 Degrees	Note: WWD option is supplied with an external visor. See page 6 for detailed information		Vertical Surface		ADJH12	Adjustable Horizontal Surface Mount, 12"		
		WWD	Wall Wash (Asymmetric)			ADJV1	Adjustable Vertical Surface Mount, 1" (5G)	ADJH18	Adjustable Horizontal Surface Mount, 18"		
						ADJV2	Adjustable Vertical Surface Mount, 2" (5G)	Ground Surface			
						ADJV3	Adjustable Vertical Surface Mount, 3" (3G)	ADJSTK12	Adjustable, Stake Mount 12"		
						ADJV6	Adjustable Vertical Surface Mount, 6"	ADJSTK18	Adjustable, Stake Mount 18"		
						ADJV12	Adjustable Vertical Surface Mount, 12"				
						ADJV18	Adjustable Vertical Surface Mount, 18"				
Extra Shielding Optional		Control Input*		Feed Cable*		Finish*					
LVR	Louver (IK10)	DMXFX	DMX/RDM with fixture level resolution control (dims to <1%)	FCCSL100D	100FT Feed Cable Wet Location with DMX Plug	BL	Black Textured				
HVSR	Half Glare Visor					BRS	Bronze Smooth				
FVSR	Full Glare Visor (IK10)	DMX1FT	DMX/RDM with 1FT resolution control (dims to <1%)			BRT	Bronze Textured				
						DBL	Designer Black Smooth				
Note: WWD is not available with LVR, HVSR and FVSR				FCCSL25D	25FT Feed Cable Wet Location DMX Plug	DDB	Designer Bronze Smooth				
				FCCSL50D	50FT Feed Cable Wet Location DMX Plug	DNA	Natural Aluminum Smooth				
				For no feed cable		NBS	Natural Bronze Smooth				
				NOFC		VET	Verde Textured				
						WH	White Textured				
						WHS	White Smooth				
						CF	Custom Painted Finish				
						RALTB ¹	RAL Paint Finish				

Note: * is a required field

Notes:

1. RALTB¹ for pricing only, replace with applicable RAL call out when ready to order. See the RALBROCHURE for available options. It is recommended that Hydrel products only use textured paint.

PERFORMANCE DATA

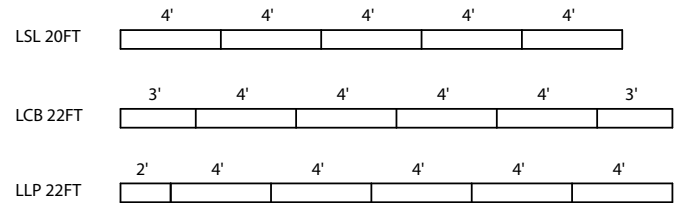
Performance Package	Fixture Length	Distribution Type	RED ONLY				GREEN ONLY				BLUE ONLY				WHITE ONLY(40K)				ALL ON - RGBW4 (Red, Green, Blue, White 40K)								
			System Watts	Lumens	LPW	Max CD	System Watts	Lumens	LPW	Max CD	System Watts	Lumens	LPW	Max CD	System Watts	Lumens	LPW	Max CD	System Watts	Lumens	LPW	Max CD					
P1	1FT	9x9DEG	8.8	157	18	2,833	7.8	1,163	149	21,036	6.4	428	67	7,747	8.6	959	111	17,356	8.4	899	108	16,258					
		10X60DEG		158	18	705		1,172	151	5,235		432	67	1,928		967	112	4,319		906	108	4,046					
		15X30DEG		158	18	1,075		1,175	151	7,978		433	68	2,938		970	112	112		908	109	6,166					
		30X60DEG		165	19	277		1,224	157	2,058		451	70	758		1,010	117	1,698		946	113	1,591					
		40X60DEG		140	16	192		1,040	134	1,423		383	60	524		858	99	1,174		803	96	1,100					
		60X60DEG		154	17	156		1,145	147	1,160		422	66	427		945	109	957		885	106	896					
		WWD		73	8	145		543	70	1,077		200	31	397		448	52	889		419	50	833					
		9x9DEG		323	18	5,850		2,401	154	43,436		884	69	15,996		1,981	115	35,838		1,856	111	33,571					
	2FT	10X60DEG	17.7	326	18	1,456	15.6	2,420	156	10,809	12.8	891	70	3,981	17.3	1,996	116	8,919	16.7	1,870	112	8,354					
		15X30DEG		327	18	2,219		2,427	156	16,474		894	70	6,067		2,002	116	13,592		1,876	112	12,733					
		30X60DEG		340	19	572		2,527	163	4,250		931	73	1,565		2,085	121	3,506		1,953	117	3,284					
		40X60DEG		289	16	396		2,147	138	2,938		791	62	1,082		1,771	103	2,424		1,659	99	2,271					
		60X60DEG		319	18	323		2,365	152	2,394		871	68	882		1,951	113	1,976		1,828	110	1,851					
		WWD		151	9	300		1,120	72	2,224		413	32	819		924	54	1,835		866	52	1,719					
		9x9DEG		487	18	8,807		23.2	3,614	156		65,391	19.1	1,331		70	24,082	25.7		2,982	116	53,953	24.9	2,793	112	50,539	
		10X60DEG		491	19	2,192			3,643	157		16,273		1,342		70	5,993			3,005	117	13,427		2,815	113	12,577	
	15X30DEG	492	19	3,340	3,653	158	24,801		1,346	70	9,134	3,014		117	20,463	2,824	114		19,168								
	30X60DEG	512	19	862	3,804	164	6,398		1,401	73	2,356	3,139		122	5,279	2,940	118		4,945								
	40X60DEG	435	17	596	3,232	139	4,423		1,190	62	1,629	2,666		104	3,649	2,498	100		3,418								
	60X60DEG	480	18	486	3,560	154	3,605		1,311	69	1,327	2,937		114	2,974	2,752	111		2,786								
	WWD	227	9	451	1,686	73	3,348		621	33	1,233	1,391		54	2,763	1,303	52		2,588								
	4FT	9x9DEG	35.4	555	16	10,036	31.1		4,119	132	74,516	25.7		1,517	59	27,442	34.5		3,398	98	61,481	33.4		3,183	95	57,592	
		10X60DEG		559	16	2,498		4,151	133	18,544	1,529		60	6,829	3,425	99		15,300	3,208	96	14,332						
		15X30DEG		561	16	3,806		4,163	134	28,262	1,533		60	10,408	3,435	99		23,318	3,218	96	21,843						
		30X60DEG		584	17	982		4,335	139	7,290	1,597		62	2,685	3,577	104		6,015	3,351	100	5,635						
		40X60DEG		496	14	679		3,682	118	5,040	1,356		53	1,856	3,038	88		4,158	2,846	85	3,895						
		60X60DEG		546	15	553		4,057	130	4,108	1,494		58	1,513	3,280	95		59,343	3,135	94	3,175						
		WWD		259	7	514		1,922	62	3,816	708		28	1,405	1,586	46		3,148	1,485	44	2,949						
1FT		9x9DEG		14.9	239	16		4,331	13.4	1,629	122		29,474	11.1	670	61		12,123	14.8	1,413	96		25,562	16.7	1,727	104	31,241
	10X60DEG	241	16		1,078	1,642	123	7,335		675	61	3,017	1,424		96	6,361	1,740	105		7,775							
	15X30DEG	242	16		1,643	1,647	123	11,179		677	61	4,598	1,428		97	9,695	1,746	105		11,849							
	30X60DEG	252	17		424	1,715	128	2,884		705	64	1,186	1,487		101	2,501	1,818	109		3,057							
	40X60DEG	214	14		293	1,457	109	1,994		599	54	820	1,263		85	1,729	1,544	93		2,113							
	60X60DEG	236	16		239	1,605	120	1,625		660	60	668	1,392		94	1,409	1,701	102		1,722							
	WWD	112	7		222	760	57	1,509		313	28	621	659		45	1,309	806	48		1,600							
	9x9DEG	494	17		8,943	26.7	3,364	126		60,861	22.1	1,384	63		25,033	29.5	2,917	99		52,783	33.3	3,566	107		64,509		
	10X60DEG	498	17		2,226		3,390	127		15,146		1,394	63		6,230		2,940	100		13,135		3,593	108		16,054		
	15X30DEG	500	17		3,392		3,400	127		23,083		1,399	63		9,494		2,949	100		20,019		3,604	108		24,467		
	30X60DEG	520	17		875		3,541	133		5,954		1,456	66		2,449		3,071	104		5,164		3,753	113		6,311		
	40X60DEG	442	15		605		3,008	113		4,116		1,237	56		1,693		2,608	88		3,570		3,188	96		4,363		
60X60DEG	487	16	493	3,313	124		3,355	1,363	62	1,380		2,874	97	2,910	3,512		105	3,556									
WWD	230	8	458	1,570	59		3,117	646	29	1,282		1,361	46	2,703	1,664		50	3,303									
3FT	9x9DEG	44.4	744	17	13,463		39.8	5,064	127	91,623		33	2,083	63	37,686		44	4,392	100	79,462		49.6	5,368	108	97,115		
	10X60DEG		750	17	3,350			5,104	128	22,801			2,099	64	9,379			4,426	101	19,775			5,410	109	24,168		
	15X30DEG		752	17	5,106			5,119	129	34,751			2,106	64	14,294			4,440	101	30,138			5,426	109	36,834		
	30X60DEG		783	18	1,317			5,330	134	8,964			2,192	67	3,687			4,623	105	7,774			5,650	114	9,501		
	40X60DEG		665	15	911			4,528	114	6,197			1,862	57	2,549			3,927	89	5,375			4,799	97	6,569		
	60X60DEG		733	16	742	4,988		125	5,051	2,052	62		2,077	4,326	98	4,380		5,287	107	5,353							
	WWD		347	8	689	2,363		59	4,692	972	29		1,930	2,049	47	4,069		2,505	51	4,973							
	4FT		9x9DEG	59.7	848	14		15,342	53.4	5,771	108		104,409	44.3	2,374	54		42,945	59.1	5,005	85		90,551	66.6	6,117	92	110,667
10X60DEG		855	14		3,818	5,816	109	25,983		2,392	54	10,687	5,044		85	22,534	6,165	93		27,540							
15X30DEG		857	14		5,819	5,833	109	39,600		2,399	54	16,288	5,059		86	34,344	6,183	93		41,973							
30X60DEG		893	15		1,501	6,074	114	10,215		2,498	56	4,202	5,268		89	8,859	6,438	97		10,827							
40X60DEG		758	13		1,038	5,160	97	7,062		2,122	48	2,905	4,475		76	6,125	5,469	82		7,485							
60X60DEG		835	14		846	5,684	106	5,755		2,338	53	2,367	4,930		83	4,991	6,025	90		6,100							
WWD		396	7		786	2,693	50	5,346		1,108	25	2,199	2,335		39	4,637	2,854	43		5,667							
2FT		9x9DEG	42		665	16	12,036	37.8		4,327	114	78,285	31.4		1,883	60	34,070	41.5		3,940	95	71,281	34.1		3,561	105	64,422
	10X60DEG	670		16	2,995	4,361	115		19,482	1,898	60	8,479		3,971	96	17,739	3,589		105	16,032							
	15X30DEG	673		16	4,565	4,374	116		29,692	1,904	61	12,922		3,983	96	27,035	3,599		106	24,434							
	30X60DEG	700		17	1,178	4,554	120		7,659	1,982	63	3,333		4,147	100	6,974	3,748		110	6,303							
	40X60DEG	595		14	814	3,869	102		5,295	1,684	54	2,304		3,523	85	4,821	3,184		93	4,357							
	60X60DEG	655		16	663	4,262	113		4,315	1,855	59	1,878		3,881	93	3,929	3,507		103	3,551							
	WWD	310		7	616	2,019	53		4,009	879	28	1,745		1,838	44	3,650	1,661		49	3,299							
	4FT	9x9DEG		84	1,141	14	20,648		75.7	7,423	98	134,301		62.9	3,231	51	58,448		83.1	6,759	81	122,284		68.2	6,108	90	110,518
		10X60DEG			1,150	14	5,138			7,481	99	33,422			3,256	52	14,545			6,812	82	30,431			6,156	90	27,503
		15X30DEG			1,154	14	7,831			7,504	99	50,937			3,266	52	22,168			6,832	82	46,380			6,175	91	41,917
		30X60DEG			1,201	14	2,020			7,813	103	13,140			3,400	54	5,718			7,114	86	11,964			6,430	94	10,813
		40X60DEG			1,020	12	1,397			6,637	88	9,084			2,888	46	3,953			6,043	73	8,271			5,462	80	7,475
60X60DEG		1,124	13		1,138	7,312	97	7,403		3,182	51	3,222	6,657		80	6,741	6,017	88		6,092							
WWD		533	6		1,057	3,464	46	6,877		1,507	24	2,993	3,154		38	6,262	2,850	42		5,659							

LINEAR PLAN

Hydrel offers the ability to provide a continuous run plan to suit your requirements by optionally offering three methods of configuration.

LSL Linear Same Length:

In this configuration each segment is the same length is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 20FT row would be achieved with (5) 4FT long segments equaling 20FT (nominal).



LCB Linear Center Balanced:

This configuration incorporates the longest center segment(s) along with any additional lengths required to fill located at each end. Example: 22FT row would have (2) 3FT segments (one at each end) and (4) 4FT intermediate segments located in between.

LLP Linear Longest Possible:

In this plan the longest length available is optimized resulting in the fewest segments and mounting locations. Caution should be used where balanced appearance is a concern. Example: 22FT row would have (5) 4FT segments and (1) 2FT segment located at one end.

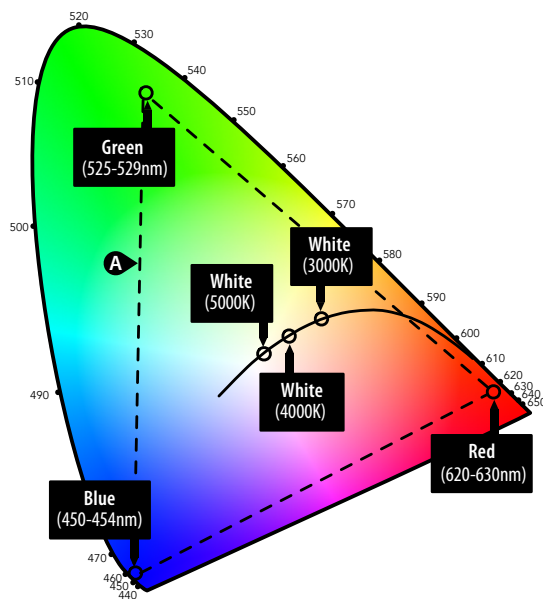
Electrical Load

Performance Package	System Watts for (1) 4ft fixture	Current (A) for a 4ft fixture		120vAC			277vAC		
		120vAC	277vAC	MAX # of 4ft fixtures	Total (A) for max run length	Max Feet of fixtures	MAX # of 4ft fixtures	Max run length (A)	Max Feet of fixtures
P1	33	0.28	0.12	32	8.8	128	32	3.8	128
P2	67.1	0.56	0.24	22	12.3	88	32	7.8	128
P3	80	0.67	0.29	18	12.0	72	32	9.2	128

Per DMX512 protocol - A maximum of 32 luminaires can be connected to a single feed cable.

OPERATING TEMPERATURE: -20°C TO +50°C

RGBW GAMUT AND RANGE



A RGBW Range within triangle formed by RGB

- The Gamut of a luminaire determines the potential color range, specifically the dominant wavelength of each primary color.
- The Path determines the range of colors the user can select for the luminaire.

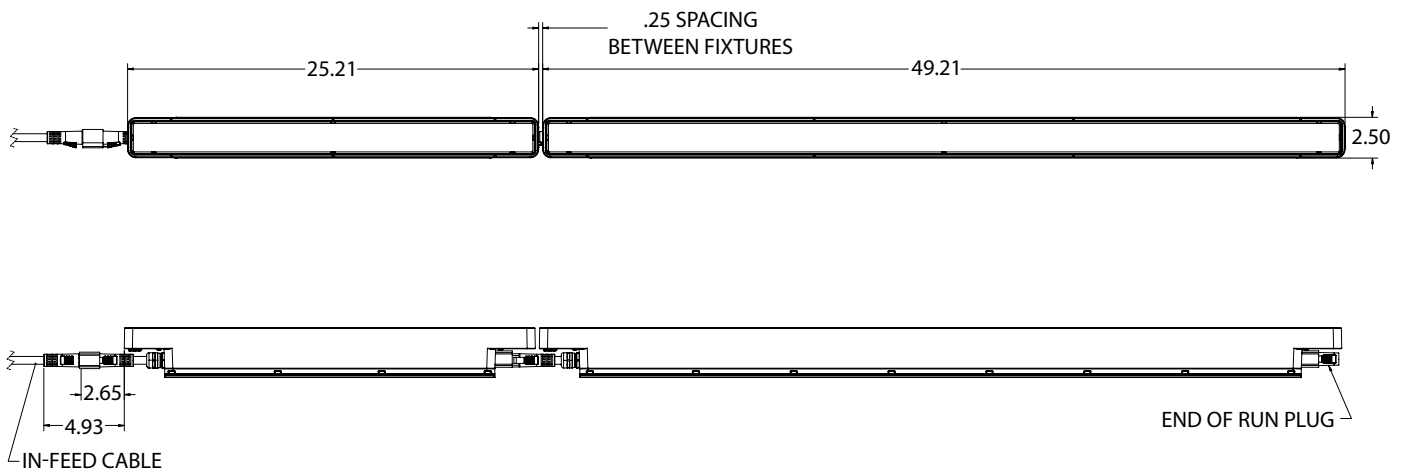
ARCHITAINMENT COLOR GPHD

- Gamut Triangular
- Path Full RGB gamut
- Handle Four Handles: Red, Green, Blue, White
- Data DMX512/RDM

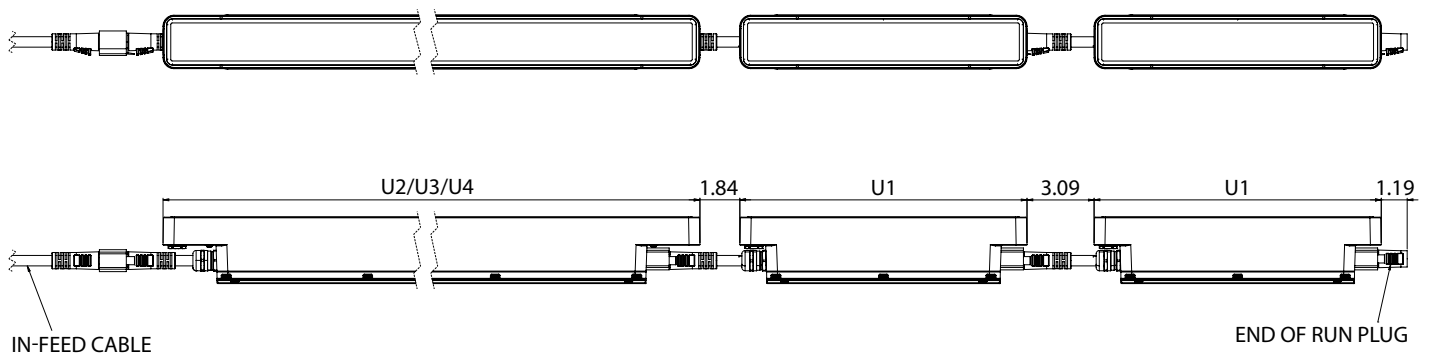
The RGBW Range reaches the full range of saturated colors and subtle pastels to create bold transformational effects.

END-TO-END RUN CONFIGURATION

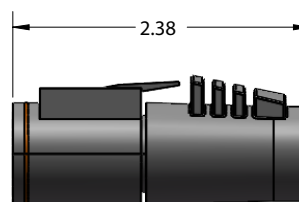
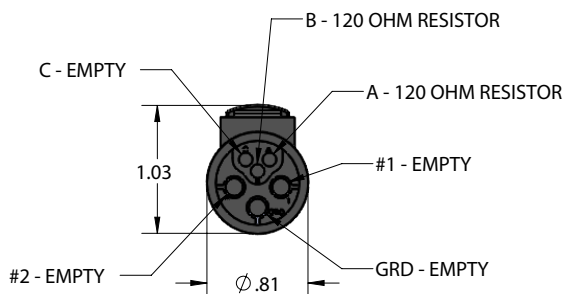
For 2FT, 3FT and 4FT



For any length to 1FT

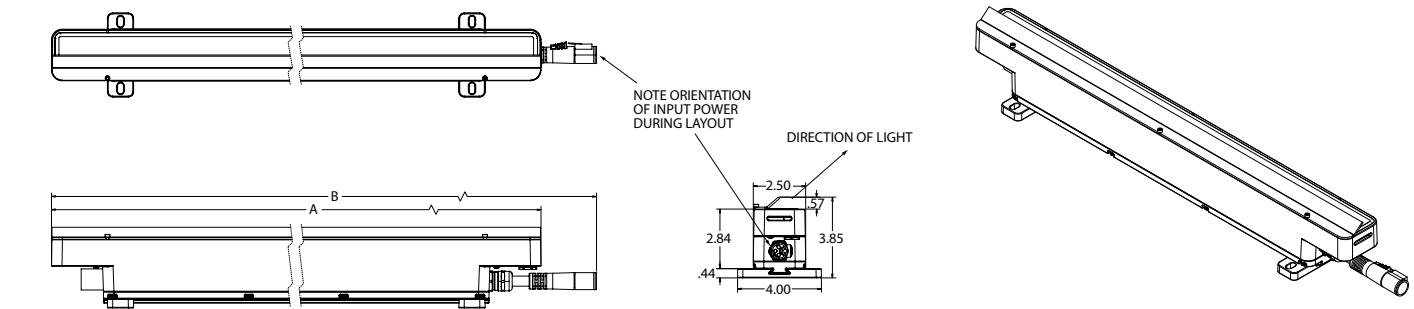


End of Run Plug



WALL WASH DISTRIBUTION VISOR DETAIL

Note: Visor is installed and shipped as shown when WWD is specified



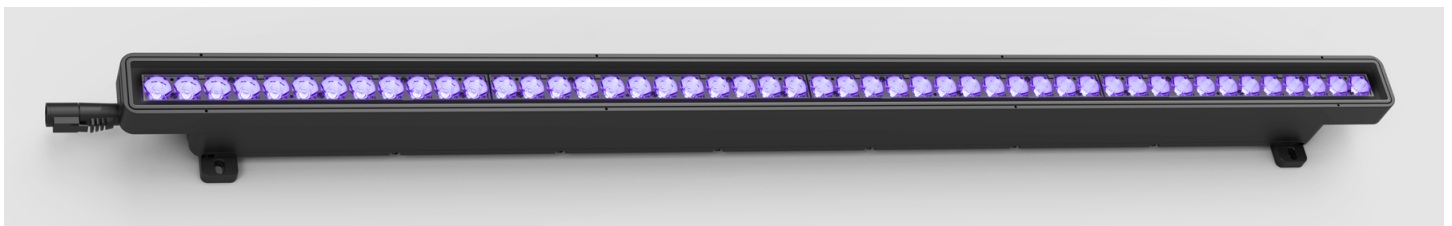
Fixture Section	A	B
U1	13.21	17.38
U2	25.21	27.86
U3	37.21	39.86
U4	48.21	51.86

RESOLUTION CONTROL

DMX1FT: Individual control of each 1FT section. Requires 4 DMX addresses per foot.



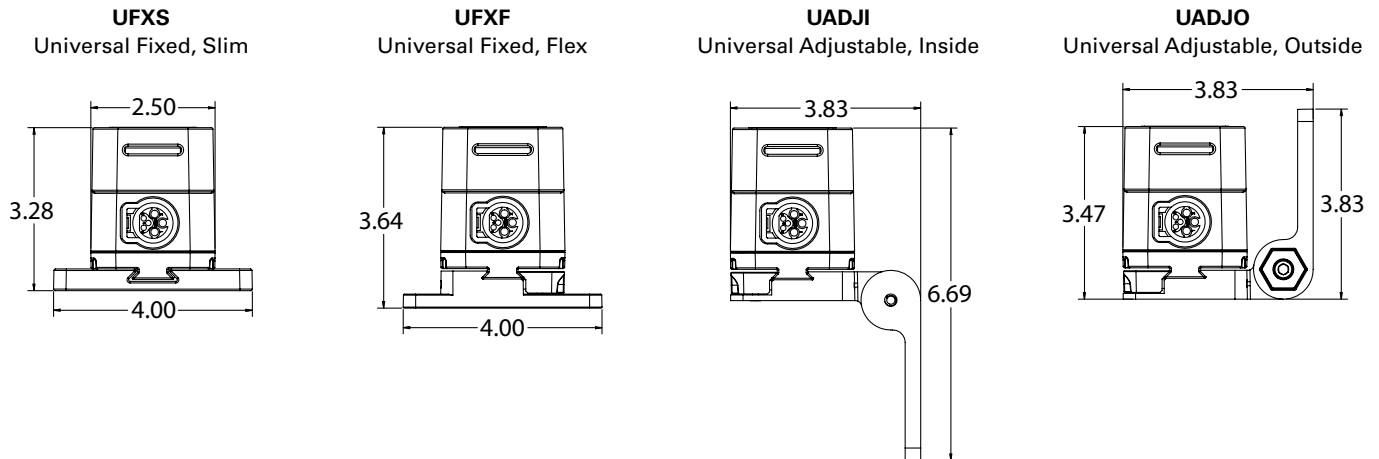
DMXFX: Fixture level control. 4 DMX addresses per fixture.



MOUNTING OPTIONS

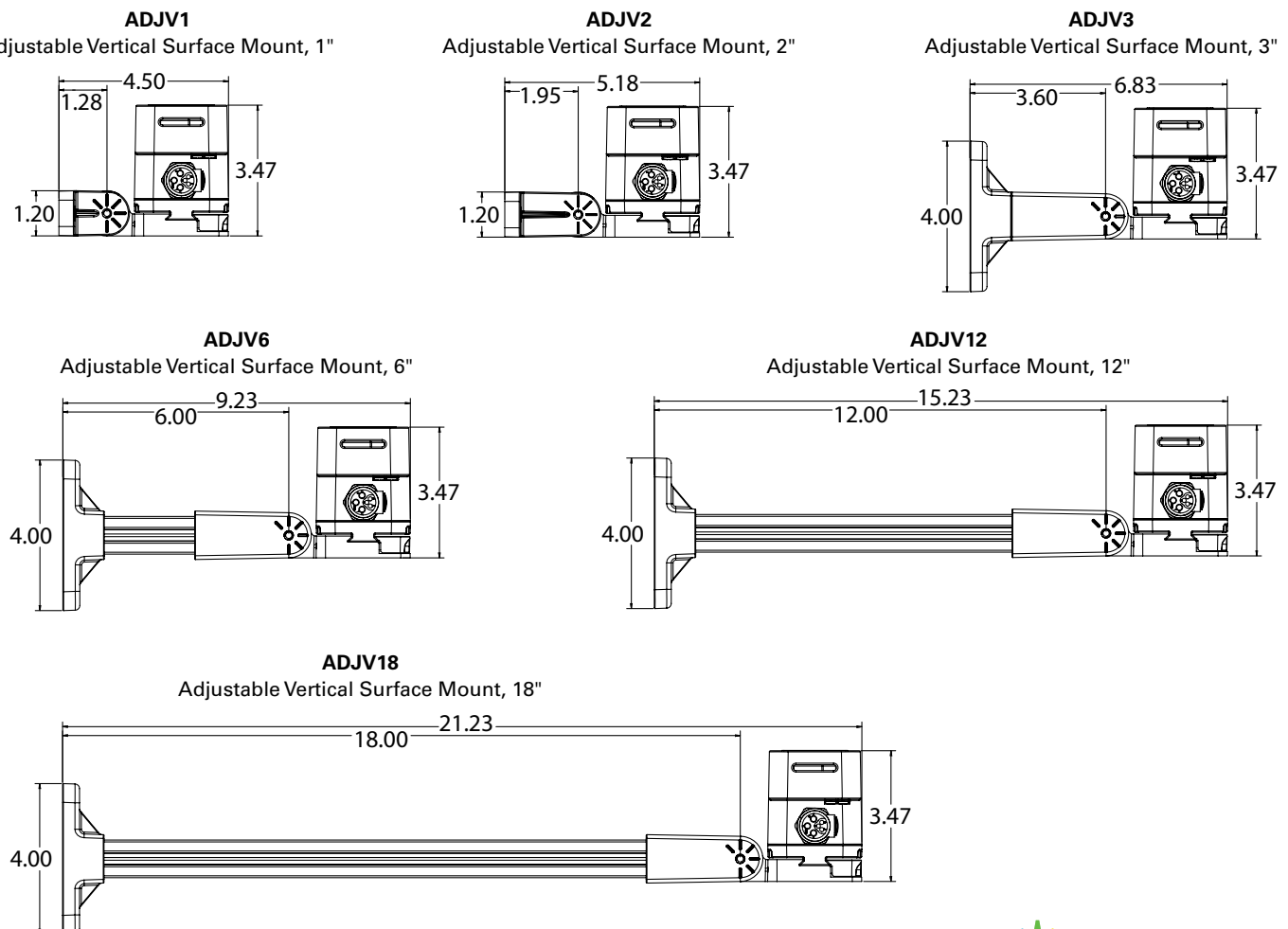
Note: Ship separately

Universal (Vertical or Horizontal) Surface Mounts



Vertical Surface Mounts

Note: Ship separately



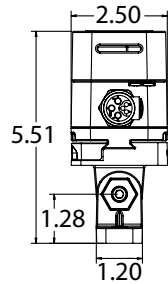
MOUNTING OPTIONS (continued)

Adjustable Horizontal (Downwards or upwards) Surface Mount

Note: Ship separately

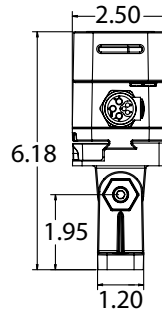
ADJH1

Adjustable Horizontal Surface Mount, 1"



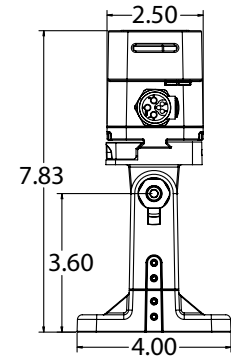
ADJH2

Adjustable Horizontal Surface Mount, 2"



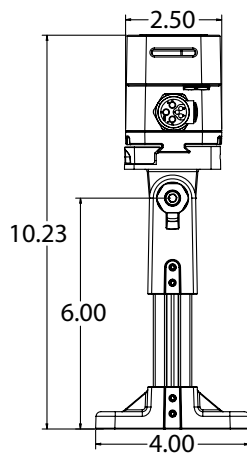
ADJH3

Adjustable Horizontal Surface Mount, 3"



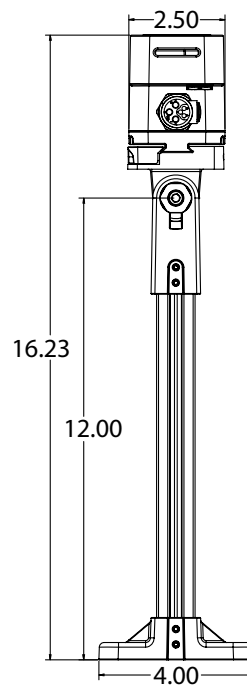
ADJH6

Adjustable Horizontal Surface Mount, 6"



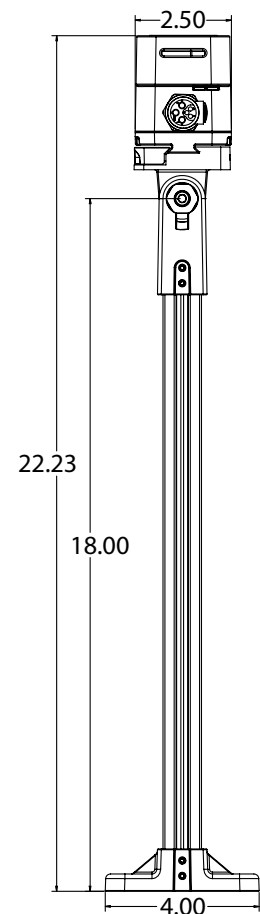
ADJH12

Adjustable Horizontal Surface Mount, 12"



ADJH18

Adjustable Horizontal Surface Mount, 18"

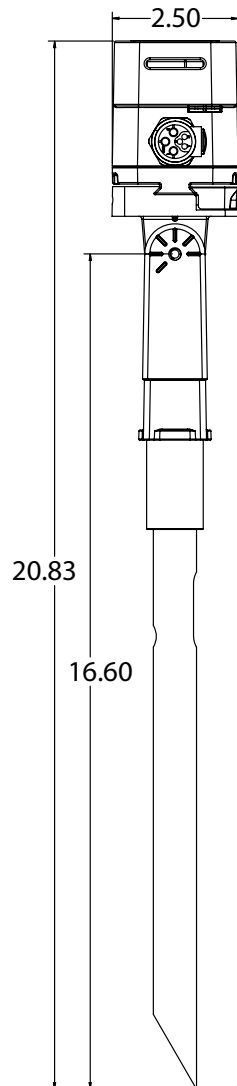


MOUNTING OPTIONS (continued)

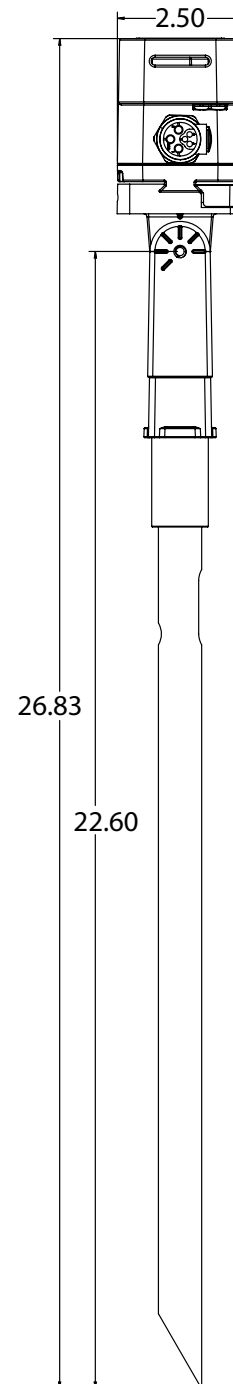
Ground Surface Mounts

Note: Ship separately

ADJSTK12
Adjustable, Stake Mount 12"



ADJSTK18
Adjustable, Stake Mount 18"



ACCESSORY OPTIONS

FEED CABLE

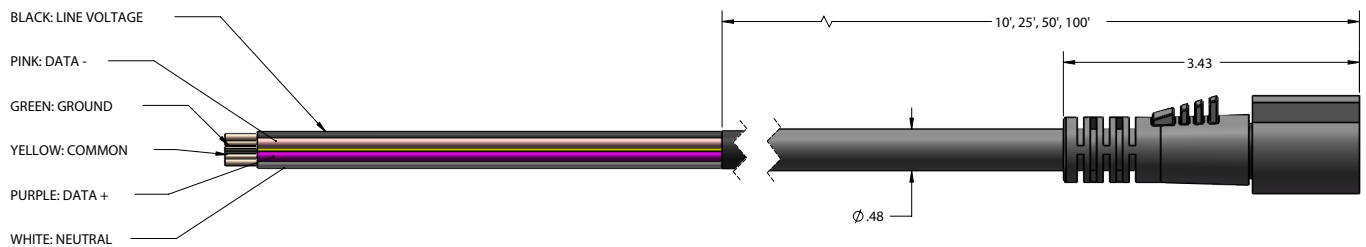
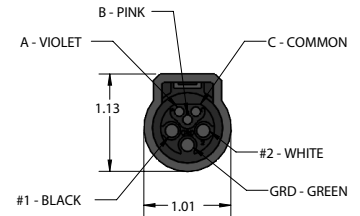
Note: Ships separately

Note: Use one feed cable per run. Carries DMX signal and 120-277 line voltage power to right end of first fixture in run. Supplied with termination/sealing cap.

Use one feed cable per run only.

Model

FCRIDGE CSL10D	10FT Feed Cable Wet Location with DMX Plug
FCRIDGE CSL25D	25FT Feed Cable Wet Location DMX Plug
FCRIDGE CSL50D	50FT Feed Cable Wet Location DMX Plug
FCRIDGE CSL100D	100FT Feed Cable Wet Location with DMX Plug



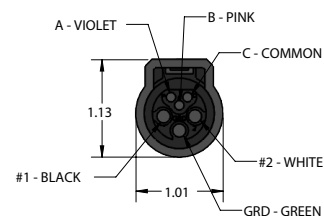
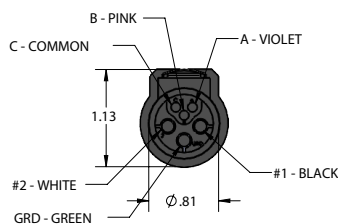
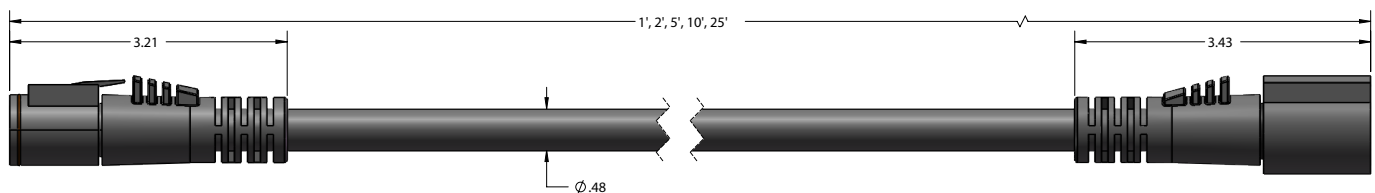
JUMPER CABLE *Optional*

Note: Ordered separately

Note: See page 5 for Standard end to end fixture spacing. If a larger gap between fixtures is required, an optional jumper cable can be ordered separately.

Model

JCRIDGE CSL1	1FT Jumper Cable
JCRIDGE CSL2	2FT Jumper Cable
JCRIDGE CSL5	5FT Jumper Cable
JCRIDGE CSL10	10FT Jumper Cable
JCRIDGE CSL25	25FT Jumper Cable



ACCESSORY OPTIONS

EXTERNAL ACCESSORIES *Optional*

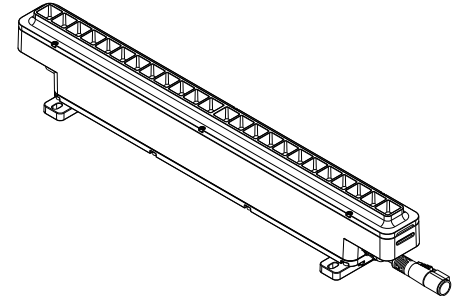
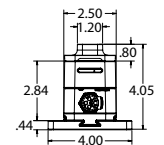
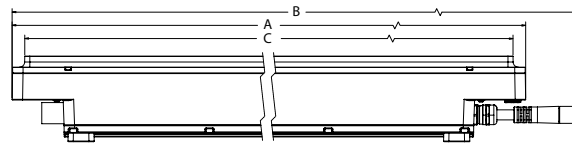
Note: Accessories are Installed and shipped with fixture

LOUVER

Note: Interior of the louver is black standard, the exterior of the louver will match the fixture finish

Model	Fixture Section	Finish
LVRIDGE	U1 1FT Length Unit U2 2FT Length Unit U3 3FT Length Unit U4 4FT Length Unit	

Fixture Section	A	B	C
U1	13.21	17.38	12
U2	25.21	27.86	24
U3	37.21	39.86	36
U4	49.21	51.86	48

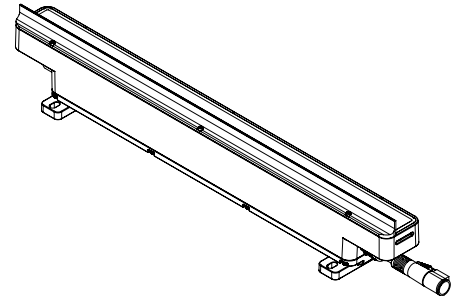
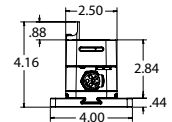
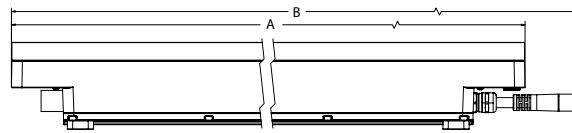


HALF VISOR

Note: Half Visor is installed and shipped as shown. Half visor can be moved to opposite side of the fixture if needed

Model	Fixture Section	Finish
HVSRIDGE	U1 1FT Length Unit U2 2FT Length Unit U3 3FT Length Unit U4 4FT Length Unit	

Fixture Section	A	B
U1	13.21	17.38
U2	25.21	27.86
U3	37.21	39.86
U4	49.21	51.86

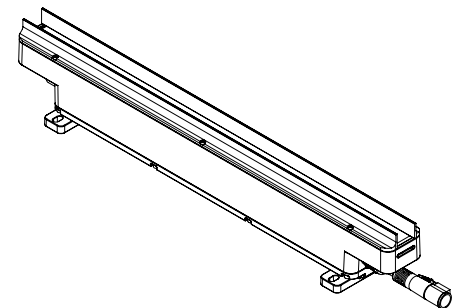
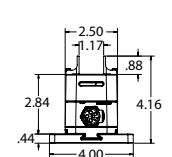
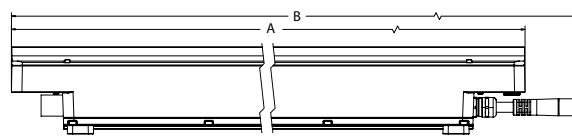


FULL VISOR

Note: Full Visor is supplied with top and bottom visor

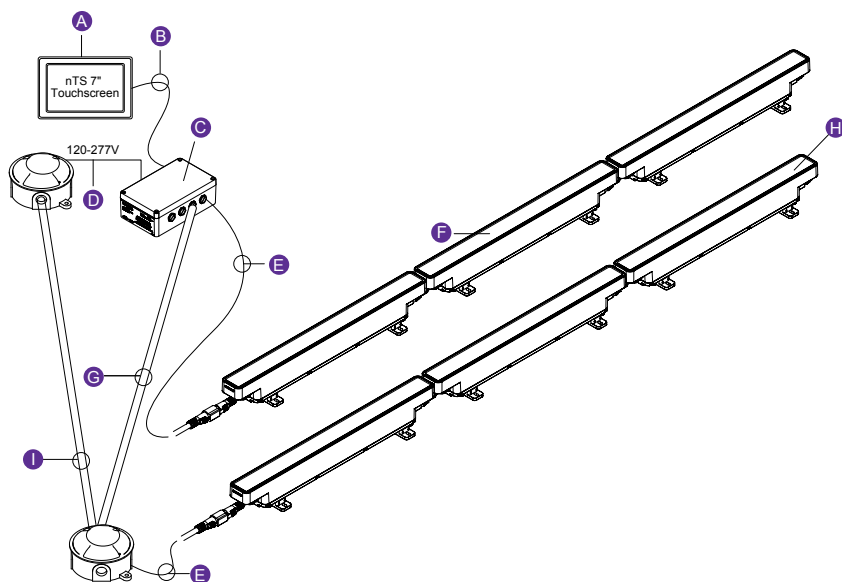
Model	Fixture Section	Finish
FVSRIDGE	U1 1FT Length Unit U2 2FT Length Unit U3 3FT Length Unit U4 4FT Length Unit	

Fixture Section	A	B
U1	13.21	17.38
U2	25.21	27.86
U3	37.21	39.86
U4	49.21	51.86



BASIC SYSTEM WIRING INFORMATION

This very basic system wiring diagram provides an overview of components and materials required for a simple installation of RIDGE luminaires controlled by a DMX controller. These diagrams should not be used in place of actual installation instructions or submittal drawings prepared for a specific project.



PATHWAY CONNECTIVITY SOLUTIONS - DMX NETWORKING AND ADVANCED CONTROL

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 RGBW 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

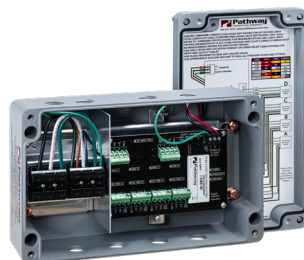
Model

PWREP IP65 P4 DMX-RDM Repeater with
TERM RDM Power in IP65 Enclosure

Refer to [PWREP IP65](#) spec sheet for additional detail.

Note: PWREP is preferred but not required.

Integrates DMX signal & 120-277 line voltage onto a single cable. Exterior rated, up to 4 output feeds, Silver Textured Finish.



A DMX controller providing one universe of DMX-512 control.

To supply a complete system RDM set-up and playback control solution, use:

Animate

- 1,2, or 4 universes of DMX control
- Native nLight
- Recall static and dynamic looks with ease, created with Pathscape
- Built in time clock
- Cloud management through SixEye

Fresco

- Manage multiple light sources in multiple lighting zones, all from one controller
- On screen lighting design and set-up, no computer required or Ethernet connection for remote configuration and advanced control
- All device settings are stored on-board in non-volatile memory

B Belden 9829 cable is the preferred communication/data cable used to carry the DMX signal. The total length of this cable must not exceed 1000 feet from the DMX controller to the PWREP IP65. No luminaires should be installed between DMX Controller and any PWREP IP65. Provided by others.

C PWREP IP65 (DMX-RDM Repeater with Power in IP65 Enclosure) is used to bundle DMX to line voltage and deliver them to the luminaire. This box provides necessary isolation between the DMX control and line voltage and is required for all RIDGE installations. The PWREP IP65 also serves as a 4-channel splitter enabling up to 128 fixtures to be controlled from a single PWREP IP65. Refer to PWREP IP65 Installation Sheet for dimensions and mounting details.

D 120V-277V input to PWREP IP65. Metallic conduit and standard fittings are compatible as are multi-conductor cords provided they are appropriate to the mounting location.

E Feed cable connects junction box with first fixture in a run. 14 ga. conductors carry power, shielded 18 ga. conductors carry data. Input end is stripped for connection to the Junction or PWREP IP65, output end includes a male or female plug for fixture connection. Also included with each feed cable is a termination/sealing cap for the end of each run. Contact factory for availability of custom feed cable lengths.

F A maximum of 32 luminaires can be connected to a single output channel of the PWREP IP65. The maximum length of cord and luminaire run combined is 1000 feet per DMX/RDM specification.

G Data can be run to junction box locations in conduits. Use Belden 9829 for data.

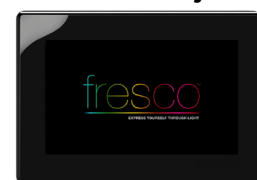
H To ensure data integrity, a termination/sealing cap with 120 Ohm resistor is required at the last luminaire in each run. See installation instructions.

I Power can be run to junction box locations in conduits. Use copper wire per local code for power.

Animate



Fresco Control System



ACCESSORY OPTIONS

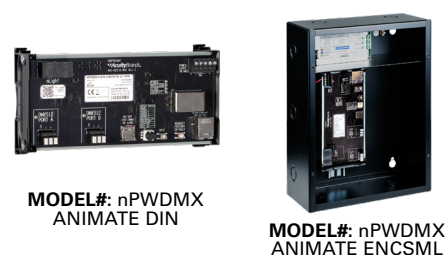
TAKE CONTROL

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.

ANIMATE NLIGHT DYNAMIC DMX LIGHTING CONTROLLER

Series	Mounting	Universal Count
nPWDMX ANIMATE nLight Animate Controller	DIN	U1 512 DMX Channels
	ENC SML	U2 1024 DMX Channels
		U4 2048 DMX Channel

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



MODEL#: nPWDMX
ANIMATE DIN

MODEL#: nPWDMX
ANIMATE ENC SML

ANIMATE TOUCH SCREEN OPTIONS

Series	Size	Color
PWTS PERFORM Perform Touchscreen	5IN	BL Black
	8IN	WH White

Refer to [PERFORM TOUCHSCREEN](#) spec sheet for additional details and options



Series	Power Supply Type	Color	Buy America(n)
nTS 7IN	[blank] Includes FCS PS10	WH White	[blank] Standard
	NPWS No Power Supply	BK Black	BAA Buy America(n) Act and/or Build America Buy America Qualified

Refer to [nTS Touchscreen](#) spec sheet for additional details and options



FRESCO CONTROL SYSTEM

Series	Model	Options	Finish
FCS Fresco Control System	7TSN 7" touchscreen with nLight port	X DMX/RDM control	DBL Black
			DWH White
			DNA Natural Aluminum

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



SPECIFICATIONS & FEATURES

Material: Housing Material: A380 Diecast Aluminum

Light Source: RGBW3 (Red, Green, Blue, White 30K), RGBW4 (Red, Green, Blue White 40K) and RGBW5 (Red, Green, Blue, White 50K). All within 3 MacAdam ellipses.

Voltage: Available in MVOLT 120-277V 50/60Hz

Distribution: 9° x 9°, 10° x 60°, 15° x 30°, 30° x 60°, 40° x 60°, 60° x 60°, Asymmetric Wall Wash

Mounting: Universal Fixed, Universal Adjustable, Adjustable Vertical Surface, Adjustable Horizontal Surface and Stake Mount

Lens Material: -6MM thick - Tempered Low Iron Glass

Cord Detail: 14/3 18/2 SJTOOW -40°C to 105°C 300V UL Listed to flex cord standard- black jacket

Ingress Protection Rating: IP67 rated

Impact: IK10 only with LVR and FVSR options

LED: 12 LED diodes per foot

Ambient Temperature Ranges: -20°C to +50°C

Glare Control: External glare control options include louver, half glare visor and full glare

Vibration: 3G and 5G vibration per ANSI C136.31

MOUNT NOMENCLATURE	VIBRATION
UFXS	5G
UFXF	5G
UADJI	3G
UADJO	3G
ADJV1	5G
ADJV2	5G
ADJV3	3G
ADJH1	5G
ADJH2	5G
ADJH3	3G

Weight: 1FT: 5lbs. 2FT: 9lbs. 3FT: 13lbs. 4FT: 17lbs.

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.

Certification/Compliance: CSA Certified to meet U.S. and Canadian standards conforming to UL 1598 and CAN/CSA C22.2 No. 250.0

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

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.