PROFESSIONAL LIGHTING



Product Catalog 2020

Lighting Design by: D. Gilmore | Lighting Design, Inc.

LOW VOLTAGE LINEAR LUMINAIRE

Admired by the museum community users, the LIA has repeatedly demonstrated its museum quality characteristics and been a favorite for case and exhibit lighting the world over. With a tight fifteen-degree beam angle, the LIA excels in applications where a focused light pattern is the main objective.

Continuing in the Prolume tradition, the **LIA** linear luminaire relies upon state-of-the-art LED technology manufactured with exacting standards and tight LED spacing to ensure the delivery of uniform lighting for general pathway lighting, signage backlighting and handrail illumination applications. The low-profile solution can be tailored to specific fixture lengths to meet the specific venue requirements and when considered along with its low power per foot consumption, provides one of the most economic linear solutions in the market.

Its features combine to deliver museum quality lighting in a sleek, low profile and economic package.

Features

- Made in America quality and craftsmanship
- Tailored fixture lengths to meet specific requirements
- Four standard CCTs and five colored LED options
- Ultra-low profile for seamless integration
- Tight fifteen or fifty-degree focused light pattern
- Clear and Frosted lensing with a UV stabilized polycarbonate housing

Mechanical Profile & Compliance







Specifications			
ССТ	ww	NW	CW
LED Pitch		0.5"	l
Lumen Output			
15° Clear	93	95	99
50° Clear	87	112	116
15° Frosted	53	54	57
50° Frosted	50	64	66
CRI		80+	
Beam Angle		$15^{\circ} \& 50^{\circ}$	
Lens	c	lear & Froste	d
Dimmable		Yes	
On Board Dimming		No	
Housing	Polyca	rbonate body	& lens
Fixture Length	Mir	n 5" Max	x 102"
Ordering Increments		1"	
Daisy-Chain Capable		Yes	
Power Consumptionw		2W	
EfficacyLm/w			
15° Clear	47	48	50
50° Clear	44	56	58
15° Frosted	27	27	28
50° Frosted	25	32	33
Power Supply		Class II	
Operating Voltage _{DC}		24V	
Fixture Connectors	Indoor Plugn	Go, Outdoor	PlugnGo
Fixture Mounting		nd Tape, Spri Clip, Channel	
Environmental Rating		Wet	
Certifications		UL	
WarrantyLimited		5 years	
Product Dimensions _{WxH}		0.60 x 0.62 in	1
Operating Temp Rang		-20 to 120 °F	
Storage Temp Range		-40 to 160 °F	
Weight _{lbs/ft}		0.16 lb / ft	
Specification subject to chang	ı ewithout prior ı		

Example: LIA-12H-830C-50-LE-IRE-DC-SN

Product	Length	Output	CRI	Color	Extrusi	Beam Angle	101120000000	iPosition	Terminatio	Egress Cable Orientation	ePosition	Mount	Accessory
LIA	##		80+	27	Frosted	15	Left	End	IPG	Right	X - None	BT - Very High Bond Tape	
		-	-	30	Clear	50	Right	Back	OPG	Left	End	SC - Spring Clip	Switch
				40	1			Nearside	1.1.2	-	Back	AC - Articulating Spring	
				50				Farside			Nearside	CC - Channel Clip	
				RED			-				<u>F</u> arside	D - Deep Channel Clip	0 0
				GRN			BAG		RIGHT				
				BLU		1.	PAR \$	No.	The				
				YLW		LEF	T NEA	RSIDE					
				AMB			-						

¹ Fixture length in inches, ² CRI does not apply to RGB Colors; leave blank ³ Indoor PlugnGo, Outdoor PlugnGo ⁴ Will always be the opposite letter of the Ingress Cable Orientation (R or L)

Mounting Clips



Dimming

The Legacy Series integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



Low Voltage Linear Luminaire

$\mathsf{RIA}_{\mathsf{LEGACY\,SERIES}}$

When it comes to diversity the RIA is a solution that knows no bounds...

As a member of the **LEGACY SERIES**, the **RIA** has been specified for a diverse set of applications from cove and facade lighting to trim. With a higher lumen output than similar offerings in the Prolume portfolio, the **RIA** delivers a broader beam angle for a number of demanding applications.

Utilizing state-of-the-art thermal monitoring and current control circuitry, the **RIA** will deliver and maintain ideal light

levels while minimizing overheating. In addition, with on board dimming, the **RIA** will meet the demands of task and back lighting applications with ease.

The diverse features combine to make the **RIA** an ideal solution for a wide variety of applications and is capable of fulfilling the most challenging demands of any specifier.

Features

- Made in America quality and craftsmanship
- Tailored fixture lengths, CRI and watts per foot to meet exact application requirements
- Five standard CCTs and five colored LED options
- VHB tape mountable
- On-board dimming
- UV stabilized polycarbonate housing with frosted or clear lensing

Mechanical Profile & Compliance



- All dimensions in INCHES





Specifications					
ССТ	2700K	3000K	3500K	4000K	5000K
LED Pitch			2"		
Lumen Output					
Clear	189	205	222	232	245
Frosted	115	125	136	142	150
CRI			80+& 90	+	
Beam Angle			115°		
Lens		Cle	ar & Fros	ted	
Dimmable			Yes		
On Board Dimming			Yes		
Radius _{ft}		Co	nsult Fact	ory	
Construction		Polyca	arbonate	Plastic	
Housing		Polycarb	onate bo	dy & lens	
Fixture Length		Min	5" M	lax 102"	
Ordering Increments			1"		
Daisy-Chain Capable			Yes		
Power Consumptionw			3.6W		
Efficacy _{LM/W}					
Clear	52	57	62	64	68
Frosted	32	35	38	39	42
Power Supply			Class II		
Operating Voltage _{DC}			24V		
Fixture Connectors	Indoor P	lugnGo, C)utdoor P	lugnGo	
Fixture Mounting			ipe, Sprin Deep Chi		
Environmental Rating			Wet		
Certifications			UL		
WarrantyLimited			5 years		
Product		0	60 x 0.62	in	
Dimensions _{WxH}					
Operating Temp Range	4	-2	0 to 120	°F	
Storage Temp Range			0 to 160		
Weight _{lbs/ft}			0.16 lb / f	t	
Specification subject to change	e without n	rior notific:	ation		

Specification subject to change without prior notification

Example: RIA-55S-830C-115-LE-IRE-AS-SE

	-					Beam	and the second second			Ingress Opposite	Egress Cable			
Product	Length ¹	Output	CRI ²	Color	Extrusion	Angle	Orientation	iPosition	Termination ³	Orientation ⁴	Position	Mount	Accessory	APosition
RIA	##	SO	<u>8</u> 0+	27	Frosted	115	<u>L</u> eft	End	<u>I</u> PG	<u>R</u> ight	X - None	BT - Very High Bond Tape	Blank - None	Blank - None
		HO	<u>9</u> 0+	30	Clear		Right	Back	<u>O</u> PG	Left	End	SC - Spring Clip	Switch	Nearside
				35				Nearside			Back	AC - Articulating Spring Clip	1	<u>Farside</u>
				40				Farside			N earside	CC - Channel Clip		Back
				50				-			Earside	DC - Deep Channel Clip		F <u>R</u> ont
				RED		15		BACK	RIGHT					End
				GRN		1.0	PA PA	A BIDS						
				BLU		CE	743	NEAR SIDE	-					
				YLW		- 2		TONT	++					
				AMB			++	FRONT						
Fixture len	gth in inch	nes, ² CRI de	oes not	apply to	Colors; leave	blank ^à li	ndoor PlugnGo, I	Dutdoor Plug	nGo ⁴ Will always	be the opposite l	etter of the li	ngress Cable Orientation (R or L)		

Mounting Clips



Dimming

The Legacy Series RIA integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



PROLUME Contour profile series

Used on bridges, in hotels, churches and castles around the globe, specifiers recognize the unique benefits that Prolume's Contour brings to a venue and utilize Contour to create an experience that leave observers simply awestruck.

Developed with a tight pitch LED light engine, the **Contour** delivers lighting uniformity second to none. Utilizing the latest LEDs from industry leaders and implementing a very tight binning protocol, the **Contour** ensures an unmistakablecolor temperature and hue consistency. With a minuscule power consumption of 3.6 watts per foot for High Output (2 watts for Standard Output) the **Contour** contributes to power savings in all applications or watts per foot can be tailored to meet the specifiers exact needs.

All of these features combine to make the Contour an

ideal solution for a variety of applications including cove, handrail, accent and interior up lighting.

Features

- Made in America craftsmanship and quality

- Tailored fixture lengths, CCT, CRI and watts per foot to meet exact application requirements

- Available in four colored LED options
- Ultra-low profile for seamless application integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver

Mechanical Profile & Compliance



WET Vear Warranty

Low Voltage Linear Luminaire



Specifications			-						
ССТ	2700K	3000K	3500K	4000K	5000K				
LED Pitch			0.5"						
Lumen Output									
Clear & SO	189	205	222	232	245				
Clear & HO	359	400	412	419	458				
Frosted & SO	115	125	136	142	150				
Frosted & HO	219	244	252	256	280				
CRI		;	80+&90	+					
Beam Angle			115°						
Lens		Cle	ar & Fros	ted					
Dimmable			Yes						
On Board Dimming			No						
Radius _{ft}		Co	nsult Fact	ory					
Construction		Polyca	arbonate	Plastic					
Housing		Polycarb	onate bo	dy & lens					
Fixture Length	Min 5" Max 102"								
Ordering Increments	1"								
Power Consumptionw		SO 2W	/ но	0 3.6W					
Efficacy _{LM/W}									
Clear & SO	98	107	116	121	128				
Clear & HO	93	104	107	109	119				
Frosted & SO	60	65	71	74	78				
Frosted & HO	57	64	66	67	73				
Power Supply			Class II						
Operating Voltage _{DC}			24V						
Fixture Connectors	Indoor P Leads	lugnGo, C)utdoor P	lugnGo, F	lying				
Fixture Mounting			ipe, Sprin Deep Ch		-				
Environmental Rating			Wet						
Certifications			UL						
WarrantyLimited			5 years						
Product Dimensions _{WxH}		0.	60 x 0.62	in					
Operating Temp Range		-2	0 to 120	°F					
Storage Temp Range		-4	0 to 160	°F					
Weight _{lbs/ft}		(0.16 lb / f	t					

Specification subject to change without prior notification

Example: CON-11S-830F-115-LE-IRE-CC-SB

							Ingress			Ingress	Egress			
						Beam	Cable	1.		Opposite	Cable	· · · · · · · · · · · · · · · · · · ·		
roduct	Length ¹	Output	CRI ²	Color	Extrusion	Angle	Orientation	iPosition	Termination ³	Orientation ⁴	Position	Mount	Accessory	APosition
CON	##	<u>S</u> O	<u>8</u> 0+	27	Frosted	115	<u>L</u> eft	End	<u>I</u> PG	Right	X - None	BT - Very High Bond Tape	Blank - None	Blank - Non
	100	HO	<u>9</u> 0+	30	Clear	1.00	Right	Back	<u>O</u> PG	Left	End	SC - Spring Clip	Switch	Nearside
				35	1.0			Nearside			Back	AC - Articulating Spring Clip		Farside
				40				Farside			Nearside	CC - Channel Clip	11 11 11 11	Back
				50							<u>Farside</u>	DC - Deep Channel Clip		F <u>R</u> ont
						l		NEAR SIDE	RIGHT ↓ ↓ ↓					End

Mounting Clips



Dimming

The Profile Series integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



Neotour PROFILE SERIES

The imitation of neon with an LED has never been so simple or appealing. Thanks to Prolume's Neotour offering, specifiers are now able to replicate a soft neon glow that previously was only possible through traditional neon tubes.

Utilizing a tight pitch LED spacing in conjunction with a proprietary frosted lens, the **Neotour** delivers a neon glow certain to complement and please. Constructed using LEDs from industry leaders and implementing a very tight binning process, the **Neotour** ensures consistency in color temperature and hue. Like all other members of the Profile Series, **Neotour** consumes a trivial 2 watts per foot and

will contribute to power savings in all applications.

With fixed and articulating mounting options available and

the ability to daisy chain multiple fixtures to a single driver, **Neotour** is an ideal solution for applications striving to add the flair of smooth neon lighting to any venue.

Features

- Made in America craftsmanship and quality

- Tailored fixture lengths, CCT, CRI and watts per foot to meet exact application requirements

- Available in four colored LED options
- Ultra-low profile for seamless application integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver

Mechanical Profile & Compliance



- All dimensions in INCHES

VET

Low Voltage Linear Luminaire



Specifications					
ССТ	2700K	3000K	3500K	4000K	5000K
LED Pitch					
Lumen Output					
Frosted & SO	101	110	118	124	131
Frosted & HO	191	213	220	224	245
CRI			80+		
Beam Angle			90°		
Lens	Frosted				
Dimmable			Yes		
On Board Dimming			No		
Radius _{ft}		Cor	nsult Fact	tory	
Construction		Polyca	rbonate	Plastic	
Housing	1	Polycarb	onate bo	dy & len:	s
Fixture Length		Min 5	5" N	lax 102"	
Ordering Increments			1"		
Power Consumption(W/Ft)			2W		
Efficacy _(LM/W)					
Frosted & SO	51	55	59	62	66
Frosted & HO	64	71	73	75	82
Power Supply			Class II		
Operating Voltage _{DC}			24V		
Fixture Connectors	Indoor F Leads	lugnGo,	Outdoor	PlugnGo	, Flying
Fixture Mounting		ting Clip,	lape, Spr Channel	ing Clip, Clip, Dee	эр
Environmental Rating			Wet		
Certifications			UL		
WarrantyLimited			5 years		
Product Dimensions _{WxH}		0.	60 x 0.62	in	
Operating Temp Range		-2	0 to 120	°F	
Storage Temp Range		-4	0 to 160	°F	
Weight		().15 lb/f	ť	
Specification subject to change w	uithout orig	or postificat	ion		

Specification subject to change without prior notification

Example: NEO-55S-830F-90-LE-IRX-AS-SR

			-			Beam	Ingress Cable	Ď		Ingress Opposite	Egress Cable			
Product	Length ¹	Output	CRI ²	Color	Extrusion	Angle	Orientation	iPosition	Termination ³	Orientation ⁴	Position	Mount	Accessory	APosition
NEO	##	<u>S</u> O	<u>8</u> 0+	27	Frosted	115	Left	End	<u>I</u> PG	Right	X - None	BT - Very High Bond Tape	Blank - None	Blank - None
		HO	<u>9</u> 0+	30	particular and		Right	Back	<u>O</u> PG	Left	End	SC - Spring Clip	Switch	Nearside
				35				Nearside			Back	AC - Articulating Spring Clip		Farside
				40				Farside			Nearside	CC - Channel Clip	11000	Back
				50							<u>Farside</u>	DC - Deep Channel Clip		F <u>R</u> ont
				RED				BACK	B.					End
				GRN		- 8	21	RUIDE	RIGHT					
				BLU		4	EFT	NEAR SIDE	1					
				YLW			and the second s		4 4					
				AMB			++	FRONT						
Fixture len	igth in inch	nes, ² CRI do	bes not	apply to	Colors; leave t	olank ^a In	door PlugnGo, C	utdoor Plug	nGo ⁴ Will always	be the opposite le	tter of the In	gress Cable Orientation (R or L)		

Mounting Clips



Dimming

The Profile Series integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



Chromatour PROFILE SERIES

Designed as the intersection of high quality and cost effective, **Chromatour** is a RGBW linear luminaire like no other currently in the market. Leveraging state-of-theart mid-power LED technology, **Chromatour** delivers maximum brightness, color consistency and efficiency in a small low voltage linear luminaire package.

Chromatour is synonymous with lighting variety and allows you to add color accents to any space. Set the tone of the room with a vibrant red, cool blue, energetic green, illuminating white or any mixture imaginable. Complemented by a proprietary diffused lens, **Chromatour** will create a soft neon like glow or light up a plane with a clean and crisp illumination. Housed in a small and efficient profile, **Chromatour** is easy to conceal in a cove or under a cabinet while sufficiently powerful to deliver the desired illumination. Constructed with LEDs from industry leaders and implementing a very tight binning process, **Chromatour** ensures consistency in color temperature and hue across the entire length of the fixture.

With either fixed or articulating mounting options available and the ability to daisy chain multiple fixtures to a single driver, **Chromatour** is an ideal solution for applications where lighting requirements are dynamic and illumination variety is desired.

Features

- Made in America craftsmanship and quality
- RGBW in customized fixture lengths
- Ultra-low profile for seamless application integration
- Fixed and articulating mounting options
- Designed to work multiple control systems including DMX



LOW VOLTAGE LINEAR LUMINAIRE



Specifications							
CCT ¹	3000K	4000K	5000K	6000K RGB			
LED Pitch			0.5 in				
Lumen Output							
Clear & White	72	72	93	103			
Clear & RGBW	324	324	418	464			
Frosted & White	44	44	57	63			
Frosted & RGBW	196	196	253	281			
Domiant Wavelength							
Red				619 - 624			
Green				520 - 535			
Blue				460 - 475			
CRI			80+				
Beam Angle		C	90° & 11	5°			
Lens		Cle	ear & Fro	sted			
Dimmable			Yes				
On Board Dimming			No				
Housing		Polvcarb	onate b	ody & lens			
Fixture Length		Min		/lax 97 in			
Ordering Increments			3 in				
Power Consumption			0				
ngle Channel - White	1		1.44				
Four Channel - RGBW			5.76				
Efficacy(LM/W)							
Clear & White	50	50	64	72			
Clear & RGBW	56	56	73	81			
Frosted & White	31	31	39	44			
Frosted & RGBW	34	34	44	49			
Power Supply			Class I				
Operating Voltage _{DC}			24V				
Fixture Connectors		M12 &	Outdoo	PlugnGo			
Fixture Mounting				ape, Spring, & Deep Channel			
Environmental Ratin			Wet				
Certifications			UL				
WarrantyLimited	5 years						
Product		0.	60 x 0.6	2 in			
Dimensions _{WxH}							
Operating Temp Ran			0 to 12				
Storage Temp Range			0 to 14				
Weight			0.15 lb /				
Specifications subject to	change	without	prior no	tification. ⁺ CCT			

Example: CHR-72S-850F-90-LE-MRX-SC



Mounting Clips 0.54 0.73 0.88 0.88 0.80 **Stainless Spring Clip Articulating Spring Clip** 0.63 0.63





Steel Channel Clip



Deep Channel Clip

Termination







The M12 is IP67 rated connector and can be terminated in the field by the installer.

Control

The versatile and robust architecture of Chromatour is designed to work with a wide variety of 24V_{DC} RGBW controls that are available in the marketplace. Contact your Prolume representative for specific questions related to your control plans or environment.

0.85

Prolume | (203) 268-7778 | www.Prolumeled.com

CS duō series

LOW VOLTAGE LINEAR LUMINAIRE

The **Duō CS** once again proves that the whole is greater than the sum of its parts. Designed with a sleek contemporary flair, the CS blends into many venues and visually complements the surroundings. Once energized, the setting is transformed and engulfed by the fixture's crisp and clean illumination.

Based upon a dual row LED light engine design, the CS is available in both a standard and high output configuration capable of delivering over five-hundred-twenty-five (525+) lumens. The solid extruded aluminum envelop has a onehundred-seven-degree (107°) lens opening and a beam angle of one-hundred-fifteen degrees (115°). Whether suspension or wall mounted, the CS can be articulated one-hundred-fifty -degrees (150°) to illuminate an area precisely.

Available in one inch increments up to ninety-six inches (96") or join with unions to create a single two-hundred-fifty-two inch (252") contiguous fixture length. Configurable as a daisy chain connection or with multiple fixtures connected to a single driver, the CS is only limited by the specifier's imagination and

is certain create the desired striking visual impression wherever

Features

- Made in America quality and craftsmanship
- Customizable fixture lengths, CCT and CRI available
- Five standard CCTs and custom options available
- Broad and even light distribution with zero pixelation
- Daisy chain or connect multiple fixtures to a single driver
- Ultra-light weight envelope of three ounces per foot



- All dimensions in INCHES



Specifications					
ССТ	2700K	3000K	3500K	4000K	5000K
LED Pitch		-	Dual 0.5"		
Lumen Output			_		
SO	242	249	250	278	289
но	442	456	459	511	528
SO - IP65	211	217	218	242	251
HO - IP65	376	388	390	434	449
CRI			, 80+ & 90-	÷	
Beam Angle			115°		
Lens			Frosted		
Dimmable			Yes		
On Board Dimming			No		
Construction		Aluminur	n & Polyc	arbonate	
Housing Finish	Anodize	ed Alumir	num or Wl	nite Powd	ler Coat
Fixture Length _{Min}			8"		
Fixture Length _{Max}			96"		
Ordering Increments			1"		
Power Consumptionw		SO 3.84	W HC	7.68W	
Efficacyım/w			_		
SO	63	65	65	72	75
но	58	59	60	67	69
SO - IP65	55	56	57	63	65
HO - IP65	49	50	51	57	58
Power Supply			Class II		
Operating Voltage _{DC}			24V		
Fixture Connectors	Ind	oor Plugr	Go, Outd	oor Plugr	Go
Fixture Mounting	Su	spension	Cable, Pe	ndant Tu	be
Fixture Extender		Alum	inum Cou	pling	
Fixture Articulation			150°		
Environmental Rating		Dry, Da	mp & We	t (IP65)	
Certifications			UL		
WarrantyLimited			5 years		
Product D::		Fixtu	re End	l Cap	
		1.6	1.1		
Operating Temp Rang			0 to 120		
Storage Temp Range			0 to 150		
Weight		(0.75 lb / f	t	

Specifications subject to change without prior notification

Example: CS-88H-950-115F-LE-IRX-SG

Product	Length ¹	Output	CRI	Color	Beam Angle	Lens	Cable Orientation	iPosition	Termination ²	Cable Orientation ³	ePosition	Mount	Accessory
CS Dry/Damp	##	SO	<u>8</u> 0+	27	115	<u>F</u> rosted	Left	End	<u>I</u> PG	<u>R</u> ight	X - None	ST Tbar	None
CS65 - IP65		НО	<u>9</u> 0+	30			Right	<u>B</u> ack	<u>O</u> PG	Left	End	SG Cable	Union
				35				<u>N</u> earside			Back	PT - Pendant Tube	1.000
				40				<u>Farside</u>			<u>N</u> earside	the second second	
				50		1	BACK				Farside		
						LEFT	PAR SIDE	SIDE	ант				



The **Duō Series** integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



CSS DUŌ SERIES

LOW VOLTAGE LINEAR LUMINAIRE

Building upon the Duō CS, the CS Sconce (CSS) transforms the beauty of a suspension fixture to an elegant wall mount. Maintaining the contemporary lines of the series, the CSS can be mounted from the base to present as a traditional asymmetric sconce or midmounted to deliver balance and symmetry.

Either selection will complement any venue while delivering crisp and clean illumination and with multiple mounting configurations available, placement options for the CSS abound.

Energized by a dual row LED light engine design, the CSS is available in both a standard and high output configuration capable of delivering over five-hundred-twentyfive (525+) lumens per foot. The solid extruded aluminum envelop has a one-hundred-seven-degree (107°) lens opening and a

beam angle of one-hundred-fifteen degrees (115°).

Available in one inch increments from twelve-inches (12'')

up to forty-eight-inches (48") the CSS is available in custom lengths to achieve the desired visual impression envisioned by the specifier.

Features

- Made in America quality and craftsmanship
- Customizable fixture lengths, CCT and CRI available
- Five CCTs and four colored LED options
- Natural anodized aluminum or white powder coated
- finish standard; custom color powder coats available
- Daisy chain or connect multiple fixtures to a single driver



- All dimensions in INCHES

Specifications					
ССТ	2700K	3000K	3500K	4000K	5000K
LED Pitch		I	Dual 0.5"		
Lumen Output					
SO	242	249	250	278	289
но	442	456	459	511	528
CRI			80+ & 90·	+	
Beam Angle			115°		
Lens			Frosted		
Dimmable			Yes		
On Board Dimming			No		
Construction		Aluminur	m & Polyc	arbonate	
Housing Finish	Anodize	ed Alumir	um or W	hite Powd	ler Coat
Fixture Length _{Min}			12"		
Fixture Length _{Max}	48	3" Mid M	ount, 24"	End Mou	nt
Ordering Increments			1"		
Power Consumptionw		SO 3.84	W HC	07.68W	
Efficacy _{LM/W}		1		ı -	
SO	63	65	65	72	75
НО	58	59	60	67	69
Power Supply			Class II		
Operating Voltage _{DC}			24V		
Fixture Connectors			lying Lead		
Fixture Mounting			unt & Mio		
Environmental Rating		D	ry & Dam	ıp	
Certifications			UL		
WarrantyLimited Product			5 years Fixture		
D:			Fixture 1.6"		
Operating Temp Rang		_1	0 to 130	°F	
Storage Temp Range			0 to 150		
Weight			0.75 lb / f		
		(-	

* Specifications subject to change without prior notification

Example: CSS-16H-950-115F-BSM4

Product	Length ¹	Output	CRI	Color	Beam Angle	Lens	Cable on		Mount	Rod
CSS	###	SO	<u>8</u> 0+	27	115	Frosted	Back	SE	End	4
		HO	<u>9</u> 0+	30				SM	Mid	6
				35						
				40			-			
				40 50	-	1048	*	P.		
						NAR SID	E	RIGHT		
				50	LEFT	NAR SID		RIGHT		
				50 RED	LEFT	NEAR	E	RIGHT		

Mounting Brackets





- All dimensions in INCHES

Sconce End Mount

Dimming

The **Duō Series** integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



CSW duō series

LOW VOLTAGE LINEAR LUMINAIRE

The versatility of the Duō Series continues with the introduction of the CSW. Designed specifically for wall mount applications the CSW sports three wall standoff options for positioning the fixture. Accompanied by one-hundred-fifty-degree articulation which can be mounted to illuminate upward or downwards, the applications for **CSW** are virtually limitless.

Utilizing the proven dual row LED light engine design, the CSW is available in both a standard and high output configuration capable of delivering over five-hundred-twenty-five (525+) lumens per foot. The solid extruded aluminum envelop has a one-hundred-seven-degree (107°) lens opening and a beam angle of one-hundred-fifteen degrees (115°). To expand the CSW versatility, fixtures can be coupled together with union fittings to form a longer continuous fixture run.

As with all Prolume fixtures, the CSW is available in one inch increments up to ninety-six inches (96") as single fixture and up to two-hundred-fifty-two inches (252") when coupled with the optional unions. Configurable as a daisy chain or with multiple fixtures connected to a single driver, the CSW is limited only by imagination and will certainly create a striking impression.

Features

- Made in America quality and craftsmanship
- Customizable fixture lengths, CCT and CRI available
- Five CCTs and four colored LED options
- Natural anodized aluminum or white powder coated finish standard; custom color powder coats available
- Daisy chain or connect multiple fixtures to a single driver
- 150° Built-in articulation



- All dimensions in INCHES



ССТ	2700K	3000K	3500K	4000K	5000K			
LED Pitch			Dual 0.5"					
Lumen Output								
SO	242	249	250	278	289			
но	442	456	459	511	528			
SO - 1P65	208	214	215	239	249			
HO - IP65	380	392	395	439	454			
CRI			80+ & 90-	÷				
Beam Angle			115°					
Lens			Frosted					
Dimmable			Yes					
On Board Dimming			No					
Construction		Aluminu	m & Polyc	arbonate				
Housing Finish	Anodi	zed Alumi	num or W	nite Powde	er Coat			
Fixture Length _{Min}			8"					
¹ Fixture Length _{Max}	96"							
Ordering Increments			1"					
Power Consumption _{W/Ft}		SO 3.7	5W HC	7.44W				
Efficacy _{LM/W}								
SO	65	66	67	74	77			
но	59	61	62	69	71			
SO - IP65	55	57	57	64	66			
HO - IP65	51	53	53	59	61			
Power Supply			Class II					
Operating Voltage _{DC}			24V					
Fixture Connectors			Flying Lea	d				
Fixture Mounting	Wall Mount							
Fixture Extender		Alun	ninum Cou	pling				
Fixture Articulation	150°							
Environmental Rating		Dry, Da	amp & We	t (IP65)				
Certifications	UL							
WarrantyLimited			5 years					
Product Dimension _{Diameter}	Fixture End Cap							
Janetor			6" 1.8					
Operating Temp Range			40 to 130	°F				
Storage Temp Range		-	40 to 150	°F				
Weight			0.75 lb / f	t				
*Specifications subject to change v	vithout prio	r notification	1 Varies w	ith bracket se	election			

Product	Length ¹	Output	CRI	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Egress Cable Orientation ²	Mount	Rod ³	Accessor
CSW Dry/Damp	###	SO	<u>8</u> 0+	27	115	Frosted	Left	Back	X - None	E End	4	None
CSW65 - IP65		HO	<u>9</u> 0+				-		End		8	Union
				35 40 50 RED GRN BLU YLW	LEFT	EAR SI NEA	Ric				12	

Mounting Bracket



The **Duō Series** integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



HM DUŌ SERIES

LOW VOLTAGE LINEAR LUMINAIRE

The **Duō Series** expands with the addition of the HM. An ultra-light weight linear luminaire weighing a miniscule three (3) ounces per foot yet still able to deliver over five-hundred-ninety (590) lumens per foot. With the capability to project an exceptionally even and broad light distribution, the HM touts a non-pixelated glow through a custom designed frosted lens.

Powered by a proven dual row LED light engine design, the **HM** is offered with either a standard or high output configuration that can deliver over five-hundred-ninety (590) lumens per foot. Furthermore, the HM will deliver an even glow over a one-hundred-fifty (150°) beam angle from a low profile that will blend into virtually any venue.

Keeping with tradition, the **HM** is available in one inch increments up to ninety-six-inches (96") to form a single fixture. With an optional integrated switch, the **HM** can provide the convenience of manual control when the application requires. Configurable as a daisy chain connection or with multiple fixtures connected to a single driver, the **HM** is ideal for task, general illumination and display lighting applications.

Features

- Made in America quality and craftsmanship
- Customizable fixture lengths, CCT and CRI available
- Five standard CCTs and custom options available
- Broad and even light distribution with zero pixelation
- Daisy chain or connect multiple fixtures to a single driver
- Ultra-light weight envelope of three ounces per foot





Specifications							
сст	2700K	3000K	3500K	4000K	5000K		
LED Pitch			Dual 0.5"				
Lumen Output							
SO	321	330	381				
НО	584	600	635	669	695		
CRI		8	80+& 90-	+			
Beam Angle	150°						
Lens			Frosted				
Dimmable			Yes				
On Board Dimming			No				
Construction		Po	lycarbona	ate			
Housing Finish			White				
Fixture Length _{Min}			8"				
Fixture Length _{Max}			96"				
Ordering Increments			1"				
Power Consumption _W	,	SO 3.84	W HC	7.68W			
Efficacy _{LM/W}							
SO	84	86	92	96	99		
НО	76	78	83	87	90		
Power Supply			Class II				
Operating Voltage _{DC}	24V						
Fixture Connectors	Indoor PlugnGo, Outdoor PlugnGo						
Fixture Mounting	Fixed Surface Mount Clip						
Environmental Rating	;	D	ry & Dam	р			
Certifications			UL				
Warranty _{Limited}	5 years						
D:			.92" x 2.0				
Operating Temp Rang	,		0 to 120				
Storage Temp Range		-4	0 to 140	°F			
Weight	0.75 lb / ft						

* Specifications subject to change without prior notification

Example: HM-90S-940-150F-LE-ORX-SM-SW

Product	Length ¹	Output	CRI ²	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination	Egress Cable Orientation ³	ePosition	Mount	Accessory
HM	##	SO	<u>8</u> 0+	27	150	Frosted	Left	End	<u>I</u> PG	<u>R</u> ight	X - None	SM - Surface Mount	Blank - None
		HO	<u>9</u> 0+	30	1.00		Right	<u>B</u> ack	<u>O</u> PG	Left	End		<u>SW</u> itch
				35				Nearside			Back		1.000
				40				<u>Farside</u>			<u>N</u> earside		
				50			-	31248			Farside		
				RED				AR SIDE	RIGHT				
				GRN			LEFT	NEAR SID	E				
				BLU			-	FRONT	+++				

Mounting Clip



Surface Mount Clip

Dimming

- All dimensions in INCHES

The **Duō Series** integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.



PROLUME LO LUMA SERIES

A staple for many lighting specifiers, the LO delivers a light distribution that is ideal for general lighting whensignificant illumination is required.

Manufactured in America and constructed with a sturdy extruded aluminum housing, the **LO** delivers superior lumen output from a very low-profile package. Produced in both standard output and high output, the **LO** includes onboard 0 – 10 V_{DC} dimming and both fixed and articulating mounting options to deliver the maximum versatility for nearly any linear application.

Offered with either a clear or frosted lens option and able to serve dry environments, with a damp option available, the **LO** satisfies many needs for specifiers around the globe. Touting all these features, it is easy to understand why **LO** has been specified as the ideal solution for demanding applications that include cove, accent and task lighting.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Onboard 0 10V_{DC} dimming circuitry





DRY
5 Year Warranty
DIMMING

- All dimensions in INCHES

Low Voltage Linear Luminaire



CCT2700K3000K3500K4000K5000KLED Pitch222Lumen Output485485487561650Clear & SO423423424449520Frosted & SO423423424449520Frosted & HO538538541574676Beam Angle	Specifications								
Lumen Output Lumen Output Clear & SO Clear & HO Gla	CCT	2700K	3000K	3500K	4000K	5000K			
Clear & SO485485487561650Clear & HO618618621717844Frosted & SO423423424449520Frosted & HO538538541574676CRI67780 + 80 + 80 + 80 + 80 + 80 + 80 + 80 +	LED Pitch			2"					
Clear & HO618618621717844Frosted & SO423423424449520Frosted & HO538538541574676CRI80+ & 90+80+ & 90+80+ & 90+80+ & 90+Beam Angle115°115°115°LensClear & FrostedYes700On Board DimmingYesYesOn Board DimmingYesYesConstructionAluminum & PlasticHousingSO 5" HO 5"HO 96"Fixture LengthMinSO 5" HO 96"Fixture LengthMaxSO 102" HO 96"Ordering IncrementsYesPower ConsumptionwSO 7W HO 10WEfficacyLM/W626262Clear & SO69697080Power Supply626227284Fixture ConnectorsIndoor PlugnGo, Outloor PlugnGo64Fixture MountingFixed Mounting Class IIDryFixture MountingFixed Nouring Class IIDryFixture MountingFixed Nouring Class IIDryFixture MountingFixed Nouring Class IIDryFixture MountingFixed Nouring Class IIProsted SOProductOld1.25 x 0.50 inProduct-20 to 120 °FDimensionswxH-20 to 120 °FOperating Temp Range-20 to 120 °F	Lumen Output								
Frosted & SO423423424449520Frosted & HO538538541574676CRISO+& 90+SO+& 90+SO+& 90+Beam AngleIts°Its°Its°LensClear & FrostedFrostedIts'On Board DimmingYesClear & FrostedAluminum & PlasticMousingYesSO 5" HO 5"HO 5"Fixture LengthMinSO 5" HO 96"Its'Fixture LengthMaxSO 102" HO 96"Its'Ordering IncrementsYesNoPower ConsumptionwSO 7W HO 10WEfficaCyLM/WGlear & SO69697080Power Supply6262627284Fixture ConnectorIndoor PlugnGo, Outloor PlugnGo37468Power SupplyFixed MountingFixed Nouring Class II7080Fixture MountingFixed Nouring Class II708093Fixture ConnectorsIndoor PlugnGo, Outloor FlugnGo7080Fixture MountingFixed Nouring Cliss II7080PoductOldy507080MarrantyLimitedFixed Nouring Cliss X Nois Ni70ProductGlear S Nois Ni7080ProductGlear S Nois Ni7070Storage Temp Range-20 to 120 °FBarantyLimited-20 to 120 °FStorage Temp Range-20 to 160 °F	Clear & SO	485	485	487	561	650			
Frosted & HO538538541574676CRI0S0780+&90+90+Beam Angle115°115°115°LensClear & FrostedYes115°On Board DimmingVite Pour Coated Aluminum & Plastic1000000000000000000000000000000000000	Clear & HO	618	618	621	717	844			
CRI80+ & 90+Beam AngleIts'LensClear & FrostedDimmableYesOn Board DimmingYesConstructionAluminum & PlasticHousingWhite Powder Coated AluminumFixture LengthminSO 5" HO 5"Fixture LengthmaxSO 102" HO 96"Ordering IncrementsI"Daisy-Chain CapableYesPower ConsumptionwSO 7W HO 10WEfficacyLM/WGlear & SO6069708093Clear & HO626262700809393Clear & HO626364708093Clear & HO64657007008093616474757676777878797979797979707	Frosted & SO	423	423	424	449	520			
Beam AngleIts°LensClear & FrostedDimmableClear & FrostedOn Board DimmingClear & SoGonstructionAluminus PlasticHousingClear & SoFixture LengthmanSOOrdering IncrementsSOOrderating Clear & SOGoClear & SOGoClear & SOGoClear & HOSOClear & HOGoClear & SOGoGordering NortadeGoClear & SOGoGorder & HOGoClear & SOGoGorder & HOSOClear & SOGoGorder & HOGoGorder & HOGoFrosted & SOGoGorder SupplyGoClear & HOStuture ConnectorsFixture ConnectorsFixture ConnectorsFixture MountingFixture MountingFixture MountingCertificationsCurrificationsCorrifications </th <th>Frosted & HO</th> <th>538</th> <th>538</th> <th>541</th> <th>574</th> <th>676</th>	Frosted & HO	538	538	541	574	676			
Lens Clear & Frosted Dimmable Construction Aluminum & Plastic Housing White Powder Coated Aluminum Fixture LengthMin SO 5" HO 5" Fixture LengthMax SO 102" HO 96" Ordering Increments 1" Daisy-Chain Capable Yes Power Consumptionw SO 7W HO 10W EfficacyLM/W Clear & SO 69 69 70 80 93 Clear & HO 62 62 62 72 84 Frosted & SO 60 60 61 64 74 Frosted & SO 60 Class II Operating Voltage _{DC} 24V Fixture Connectors Indoor PlugnGo, Outdoor PlugnGo Fixture Mounting Fixed Mounting Clip, Articulating Mounting Cli Environmental Rating UL WarrantyLimited Dry Syears Product UL WarrantyLimited -20 to 120 °F Storage Temp Range -20 to 120 °F	CRI			80+&90)+				
DimmableYesOn Board DimmingYesConstructionAluminum & PlasticHousingWhite Power Coated AluminumFixture LengthmanSO SS S HOS"Ordering IncrementsIDaisy-Chain CapableSO TW HO 10WPower ConsumptionwSO TW HO 10WEfficacyLM/W697080Clear & SO69697080Power Supply60606164Ordering Nottagenc54545768Power SupplySC24V5454Fixture MountingIndoor PlugmGo, Utdoor PlugmGoFixture MountingDryFixture MountingSized Notting Sized Size	Beam Angle	115°							
On Board DimmingImage: SolutionConstructionAluminum & PlasticHousingWhite Powder Coated AluminumFixture LengthmaxSolutionOrdering IncrementsSolutionPower ConsumptioneSolutionClear & SO697080Glaar & SO697080Glaar & SO606164Frosted & SO606164Frosted & SO545457Operating Voltage.SolutionSolutionFixture MountingField Number SupplySolutionFixture MountingField Number SupplySolutionFixture MountingSolutionSolutionFixture MountingSolutionSolutionFixture MountingSolutionSolutionFixture MountingSolutionSolutionFixture MountingSolutionSolutionFixture MountingSolutionSolutionFixture MountingSolutionSolutionGording Temp RangSolutionSolutionGording Temp RangSolutionSolutionSolution StructSolutionSolutionGording Temp RangSolutionSolutionSolution StructSolutionSolutionSolution StructSolutionSolutionSolution StructSolutionSolutionSolution StructSolutionSolutionSolution StructSolutionSolutionSolution StructSolutionSolutionSolu	Lens	Clear & Frosted							
ConstructionAluminum & PlasticHousingWhite Powder Coated AluminumFixture LengthminSO 5" HO 5"Fixture LengthmaxSO 102" HO 96"Ordering IncrementsI"Daisy-Chain CapableYesPower ConsumptionwSO 7W HO 10WEfficacyLM/WSO 7W HO 10WClear & SO6969Clear & HO6262Aluminum & Firested & SO6061Arrosted & SO6061Arrosted & SO6061Arrosted & SO6454Arrosted & SO6061Arrosted & SO6061Arrosted & SO6061Arrosted & SO6061Arrosted & SO6061Arrosted & HO5454Arrosted & SO5454Arrosted & HO5454Arrosted & HO5454Arrosted & HO5454Arrosted & HO5454Arrosted & HO5454Arrosted & HO1000000000000000000000000000000000000	Dimmable			Yes					
HousingI I I I I I I I I I I I I I I I I I I	On Board Dimming			Yes					
Fixture LengthMinSO 5" HO 5"Fixture LengthMaxSO 102" HO 96"Ordering Increments1"Daisy-Chain CapableYesPower ConsumptionwSO 7W HO 10WEfficacyLM/WSO 7W HO 10WClear & SO6969Clear & HO6262Clear & HO6061Arrosted & SO6060Frosted & SO6060Frosted & HO5454So 7WISO 70Brosted & SO6061Arrosted & HO6262Power SupplyClass IIOperating VoltageD24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGoFixture MountingFixed Mounting Clip, Articulating Mounting ClipCertificationsULWarrantyLimitedS yearsProduct1.25 x 0.50 inDimensionswxH-20 to 120 °FOperating Temp Range-40 to 160 °F	Construction		Alur	ninum &	Plastic				
Fixture LengthmaxSO 102"HO 96"Ordering Increments1"Daisy-Chain CapableYesPower ConsumptionwSO 7WHO 10WEfficacyLM/WSO 7WHO 10WEfficacyLM/W626262Clear & SO69697080Clear & SO60606164Frosted & SO60606164Frosted & HO5454545768Power SupplyClass IIClass IIOperating Voltagebc24V1000000000000000000000000000000000000	Housing	White Powder Coated Aluminum							
Ordering IncrementsIDaisy-Chain CapableYesPower ConsumptionwSO 7W HO 10WEfficacyLM/WSO 7W HO 10WEfficacyLM/WGear & SO 69 69 70 80 93Clear & HO 62 62 62 72 84Frosted & SO 60 60 61 64 74Frosted & SO 60 60 61 64 74Frosted & HO 54 54 54 57 68Power SupplyClass IIOperating Voltagebc24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGoFixture MountingFixed Mounting Clip, Articulating Mounting CliEnvironmental RatingDryCertificationsULWarrantyLimitedS yearsProductJune 102 storesDimensionswxH-20 to 120 °FGoperating Temp Range-40 to 160 °F	Fixture Length _{Min}	SO 5" HO 5"							
Daisy-Chain Capable Yes Power Consumptionw SO 7W HO 10W EfficacyLM/W SO 7W HO 10W Clear & SO 69 69 70 80 93 Clear & SO 69 62 62 72 84 Frosted & SO 60 60 61 64 74 Frosted & SO 60 60 61 64 74 Frosted & SO 60 60 61 64 74 Frosted & HO 54 54 54 57 68 Power Supply Class II Class II 68 68 Power Supply Indoor PlugnGo, Outdoor PlugnGo 1000000000000000000000000000000000000	Fixture Length _{Max}		SO 10	02"	HO 96"				
Power Consumption SO 7W HO 10W EfficacyLm/w 93 Clear & SO 69 69 70 80 93 Clear & SO 69 62 62 72 84 Frosted & SO 60 60 61 64 74 Frosted & HO 54 54 54 57 68 Power Supply Class II State Stat	Ordering Increments			1"					
EfficacyLM/W Image: Clear & SO 69 69 70 80 93 Clear & SO 69 62 62 62 72 84 Frosted & SO 60 60 61 64 74 Frosted & HO 54 54 54 57 68 Power Supply Class II 54 57 68 Power Supply Class II 54 54 57 68 Power Supply Class II 54 54 57 68 Fixture Connectors Indoor PlugnGo, Outdoor PlugnGo 54<	Daisy-Chain Capable			Yes					
Clear & SO6969708093Clear & HO626262627284Frosted & SO6060616474Frosted & HO5454545768Power SupplyClass IIOperating Voltage _{DC} Ture ConnectorsFixture ConnectorsIndoor PlurBGO, Vultoor PlurBGOFixture MountingEixed Mounting Clip, Articularing Mounting ClipFixture MountingDryCertificationsUWarrantyLimitedS yearsProduct DimensionswxHOperating Temp RangeGuard Temp Range-20 to 120 °F	Power Consumptionw,		SO 7\	N ⊢	IO 10W				
Clear & HO6262627284Frosted & SO6060616474Frosted & HO5454545468Power SupplyClass IIClass II7474Operating Voltage oT24VV14Fixture ConnectorsFixed MountingFixed MountingDryUIVFixture MountingFixed MountingDryUIVVGertificationsGTUIVVWarrantyLimitedESSSSProduct DimensionswxHGTUIVVOperating Temp RangeGTUIVVKarage Temp RangeCUIUIVV	Efficacy _{LM/W}								
Frosted & SO6060616474Frosted & HO5454545768Power SupplyClass IIClass II5768Operating Voltage _{DC} Indoor PURGO- 24VVertor Vertoor PURGOFixture ConnectorsFixed NourtingDryVertoor Vertoor PURGOFixture MountingEixed Nourting CorrestorDryVertoor Vertoor Verto	Clear & SO	69	69	70	80	93			
Frosted & HO5454545768Power Supply	Clear & HO	62	62	62	72	84			
Power SupplyClass IIOperating Voltagepc24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGoFixture MountingFixed Mounting Clip, Articulating Mounting ClipEnvironmental RatingDryCertificationsULWarrantyLimited5 yearsProduct1.25 x 0.50 inDimensionswxH-20 to 120 °FStorage Temp Range-40 to 160 °F	Frosted & SO	60	60	61	64	74			
Operating Voltage _{DC} 24V Fixture Connectors Indoor PlugnGo, Outdoor PlugnGo Fixture Mounting Fixed Mounting Clip, Articulating Mounting Cli Environmental Rating Dry Certifications UL WarrantyLimited 5 years Product 1.25 x 0.50 in DimensionswxH -20 to 120 °F Storage Temp Range -40 to 160 °F	Frosted & HO	54	54	54	57	68			
Fixture ConnectorsIndoor PlugnGo, Outdoor PlugnGoFixture MountingFixed Mounting Clip, Articulating Mounting ClipEnvironmental RatingDryCertificationsULWarrantyLimited5 yearsProduct1.25 x 0.50 inDimensionswxH-20 to 120 °FStorage Temp Range-40 to 160 °F	Power Supply			Class II					
Fixture Mounting Fixed Mounting Clip, Articulating Mounting Clip Environmental Rating Dry Certifications UL WarrantyLimited 5 years Product 1.25 x 0.50 in DimensionswxH -20 to 120 °F Storage Temp Range -40 to 160 °F	Operating Voltage _{DC}								
Environmental Rating Dry Certifications UL WarrantyLimited 5 years Product 1.25 x 0.50 in Operating Temp Range -20 to 120 °F Storage Temp Range -40 to 160 °F	Fixture Connectors	Indoor P	lugnGo, C)utdoor P	lugnGo				
Environmental RatingDryCertificationsULWarrantyLimited5 yearsProduct1.25 x 0.50 inDimensionswxH-20 to 120 °FStorage Temp Range-40 to 160 °F	Fixture Mounting	Fixed Mo	ounting Cl	ip. Articu	lating Mo	unting Clip			
WarrantyLimited5 yearsProduct1.25 x 0.50 inDimensionswxH-20 to 120 °FStorage Temp Range-40 to 160 °F	Environmental Rating		Ŭ		0	0 1			
Product 1.25 x 0.50 in Dimensionswxн -20 to 120 °F Storage Temp Range -40 to 160 °F	Certifications			UL					
Product 1.25 x 0.50 in Dimensionswxн -20 to 120 °F Storage Temp Range -40 to 160 °F	WarrantyLimited								
DimensionswxH Operating Temp Range -20 to 120 °F Storage Temp Range -40 to 160 °F			4	,					
Storage Temp Range -40 to 160 °F	Dimensions _{WxH}		1	.25 x 0.50	n				
	Operating Temp Range		-	20 to 120)°F				
Weight 0.60 lb / ft	Storage Temp Range		-	40 to 160)°F				
	Weight			0.60 lb /	ft				

Specifications subject to change without prior notification

Example: LO-23H-827-115C-LE-IRB-FM

Product	Length ¹	Output	CRI ²	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination ³	Egress Cable Orientation ⁴	ePosition	Mount
LO	##	<u>s</u> o	<u>8</u> 0+	27	115	<u>C</u> lear	<u>L</u> eft	End	IPG	Right	X - None	FM - Fixed Mount
			<u>9</u> 0+	30		<u>F</u> rosted	<u>R</u> ight	<u>B</u> ack	<u>O</u> PG	<u>L</u> eft	<u>E</u> nd	AM - Articulating Moun
				35				<u>N</u> earside			Back	
				40				<u>F</u> arside	14		<u>N</u> earside	
				50			-				<u>F</u> arside	
				RED			BACK	RIGHT				
				GRN	1.		FAR SIDE	142				
				BLU			NEAR SIDE					
				AMB		1	FRONT					

Mounting Clips

Mounting Clips





0.42





Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.



PROLUME Of X

Building upon the benefits of the LO, the LOfx adds a variety of optical solutions for beam sculpting to serve the specific needs of a venue...

Manufactured in America and constructed of a sturdy powder coated aluminum housing, the LOfx utilizes industry leading optics to deliver superior lumen output in an attractive low-profile package. Available in both standard output and high output, the LOfx includes onboard 0 – 10 V_{DC} dimming and can be mounted in either a fixed or articulating position to deliver the optimum desired solution for nearly any linear application.

Appropriate for dry environments, with a damp option available, the LOfx satisfies the most demanding needs for specifiers around the globe. Adding optical elements to the outstanding feature set makes it apparent why LOfx has been chosen by specifiers for low profile and broad light distribution applications repeatedly.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Onboard 0 10V_{DC} dimming circuitry



- All dimensions in INCHES

LOW VOLTAGE LINEAR LUMINAIRE



Specifications							
CCT	2700K	3000K	3500K	4000K	5000K		
LED Pitch			2"				
Lumen Output							
SO	444	444	445	513	594		
НО	564	565	568	655	772		
CRI			80+& 90)+			
Beam Angle		15	°, 40°, 5	0x10°			
Lens			None				
Dimmable			Yes				
On Board Dimming			Yes				
Construction		Alur	minum &	Plastic			
Housing	V	Vhite Pow	vder Coat	ed Alumin	um		
Fixture Length _{Min}	SO 5" HO 5"						
Fixture Length _{Max}	SO 102" HO 96"						
Ordering Increments			1"				
Daisy-Chain Capable			Yes				
Power Consumptionw,		SO 7	W H	10 10W			
Efficacyım/w							
SO	63	63	64	73	85		
НО	56	57	57	66	77		
Power Supply	Class II						
Operating Voltage _{DC}	24V						
Fixture Connectors	Indoor PlugnGo, Outdoor PlugnGo						
Fixture Mounting	Fixed Mounting Clip, Articulating Mounting Clip						
Environmental Rating			Dry				
Certifications			UL				
WarrantyLimited	5 years						
Product	1.25 x 0.63 in						
Dimensions _{WxH}							
Operating Temp Range			-20 to 120				
Storage Temp Range		-	-40 to 160)°F			
Weight			0.60 lb /	ft			

Specifications subject to change without prior notification

Prolume | 296 Beanville Road | Randolph, VT 05060 | (203) 268-7778 | www.Prolumeled.com

DIMMING

rdering	Inform	aπon					Example: LOF-37S-835-40-LE-IRE-AM						
					Q	Ingress	v		Ingress	Egress			
Product	Length ¹	Output	CRI ²	Color	Beam Angle	Cable Orientation	iPosition	Termination ³	Opposite Orientation ⁴	Cable Position	Mount		
LOF	##	<u>s</u> o	<u>8</u> 0+	27	15	Left	End	<u>I</u> PG	Right	X - None	FM - Fixed Mount		
		HO	<u>9</u> 0+	30	40	Right	Back	<u>O</u> PG	Left	End	AM - Articulating Moun		
				35	<u>50x1</u> 0		<u>N</u> earside			Back			
				40			<u>F</u> arside			<u>N</u> earside			
				50						<u>F</u> arside			
				RED	111	1	BACK	RIGHT					
				GRN			R SIDE						
				BLU		LEFT	NEAR SIDE						
				AMB		-	FRONT						

Mounting Clips

Mounting Clips



0.21

1.35

0.42



Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



00.20

Low Voltage Linear Luminaire

I



Specifications								
ССТ	2700K	3000K	3500K	4000K	5000K			
LED Pitch			1.2"					
Lumen Output								
Clear	875	875	888	1034	1181			
Frosted	700	700	710	827	945			
CRI			80+& 90	+				
Beam Angle			115°					
Lens		Cl	ear & Fro	sted				
Dimmable			Yes					
On Board Dimming			Yes					
Construction	Aluminum & Plastic							
Housing	V	/hite Pow	der Coate	d Alumin	um			
Fixture Length _{Min}			5"					
Fixture Length _{Max}	87"							
Ordering Increments			1"					
Daisy-Chain Capable			Yes					
Power Consumptionw,			11W					
Efficacyım/w								
Clear	80	80	81	94	107			
Frosted	64 64 65 75 86							
Power Supply	Class II							
Operating Voltage _{DC}	24V							
Fixture Connectors	Indoor PlugnGo, Outdoor PlugnGo							
Fixture Mounting	Fixed Mounting Clip, Articulating Mounting Clip							
Environmental Rating								
Certifications	UL							
WarrantyLimited	5 years							
Product	1.25 x 0.50 in							
Dimensions _{WxH}								
Operating Temp Range			20 to 120					
Storage Temp Range			40 to 160					
Weight			0.60 lb /	ft				
Specifications subject to change	e with out i	prior potific	ation					

Specifications subject to change without prior notification

$VO_{LUMA SERIES}$

Following in the footsteps of LO, the VO solution has been designed to deliver even greater lumen output through a one-inch pitch light engine making it an optimum solution for general lighting when significant illumination is required from a low-profile footprint.

Manufactured in America and constructed with a sturdy powder coated aluminum housing, the **VO** delivers excellent lumen output from a very low-profile package. Available in standard output solely, the **VO** includes onboard $0 - 10V_{DC}$ dimming with either fixed or articulating mounting options to deliver maximum versatility.

Offered with either a clear or frosted lens option and capable of serving dry environments, with a damp option available, the **VO** satisfies many needs for specifiers around the globe. A versatile solution for numerous applications, the **VO** remains a staple for architects, lighting designers and specifiers who are seeking to create a specific and unique desired effect.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Onboard 0 10V_{DC} dimming circuitry

Mechanical Profile & Compliance





DRY

5 Year Warranty

DIMMING

Example: VO-43S-830-115F-LE-IRE-FM

Product	Length ¹	Output	CRI ²	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination ³	Ingress Opposite Orientation ⁴	Egress Cable Position	Mount
VO	##	<u>5</u> 0	<u>8</u> 0+	27	115	Clear	Left	End	<u>I</u> PG	Right	X - None	FM - Fixed Mount
			<u>9</u> 0+	30		Frosted	Right	Back	O PG	Left	End	AM - Articulating Moun
				35				Nearside			Back	
				40				Farside			Nearside	
				50			-	-			<u>Farside</u>	
				RED	1	-	BACK	RIGI				
				GRN		Ls	FAR SIDE		T			
				BLU		LEFT	NEAR SID	16				
				AMB			FRONT	+ + +				

¹ Fixture length in inches, ² CRI does not apply to Colors; leave blank ³ Indoor PlugnGo, Outdoor PlugnGo or Flying leads ⁴ Will always be the opposite letter of the Ingress Cable Orientation

Mounting Clips



0.21

1.35

0 42



Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



00,20

Low Voltage Linear Luminaire

VOfx LUMA SERIES

Building upon the benefits of the LOfx, the VOfx adds several optical options to a one-inch pitch light engine to achieve clean beam sculpting and delivers superior coverage in grazing applications.

Manufactured in America and constructed of a sturdy powder coated aluminum housing, the **VOfx** utilizes industry leading optics to deliver superior lumen output in an attractive low-profile package. Available in standard output, the **VOfx** includes onboard 0 – 10 V_{DC} dimming and can be mounted in either a fixed or articulating position to deliver the desired solution for nearly any linear application.

With a standard dry rating, and a damp option available, the **VOfx** satisfies the most demanding needs for specifiers around the globe. Combining optical elements to the out-standing feature set, the **VOfx** is revered by specifiers forwall grazing and ceiling, rotunda & nave lighting applications.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Onboard 0 10V_{DC} dimming circuitry

Mechanical Profile & Compliance





CERTIFIED
DRY
5 Year Warranty
DIMMING



Specifications									
ССТ	2700K	3000K	3500K	4000K	5000K				
LED Pitch			1.2"						
Lumen Output	744	744	755	879	1004				
CRI	80+ & 90+								
Beam Angle		15	°, 40°, 50	0x10°					
Lens			None						
Dimmable			Yes						
On Board Dimming			Yes						
Construction		Alur	ninum &	Plastic					
Housing	۷	Vhite Pow	vder Coate	ed Alumin	um				
Fixture Length _{Min}			5"						
Fixture Length _{Max}			87"						
Ordering Increments			1"						
Daisy-Chain Capable			Yes						
Power Consumptionw			11W						
Efficacyьм/w	68	68	69	80	91				
Power Supply			Class II						
Operating Voltage _{DC}			24V						
Fixture Connectors	Indoor P	lugnGo, C)utdoor P	lugnGo					
Fixture Mounting	Fixed Mo	unting Cl	ip, Articul	lating Mou	unting Clip				
Environmental Rating			Dry						
Certifications			UL						
WarrantyLimited			5 years	6					
Product Dimensions _{WxH}	1.25 x 0.63 in								
Operating Temp Rang		-	20 to 120) °F					
Storage Temp Range		-	40 to 160) °F					
Weight			0.60 lb /	ft					

Specifications subject to change without prior notification

Example: VOF-44S-827-15-LE-IRX-AM

Product	Length ¹	Output	CRI ²	Color	Beam Angle	Ingress Cable Orientation	iPosition	Termination ³	Ingress Opposite Orientation ⁴	Egress Cable Position	Mount
VOF	###	<u>S</u> O	<u>8</u> 0+	27	15	<u>L</u> eft	End	<u>I</u> PG	<u>R</u> ight	X - None	FM - Fixed Mount
			<u>9</u> 0+	30	40	Right	Back	<u>O</u> PG	Left	End	AM - Articulating Mount
				35	<u>5</u> 0 <u>x1</u> 0		<u>N</u> earside			Back	
				40	1.00		<u>Farside</u>	1.00		<u>N</u> earside	
				50			-			<u>Farside</u>	
				RED			BACK	RIGHT			
				GRN		ish	REIDE				
				BLU			NEAR SIDE				
				AMB			FRONT	* *			

¹ Fixture length in inches, ² CRI does not apply to Colors; leave blank ³ Indoor PlugnGo, Outdoor PlugnGo or Flying leads ⁴ Will always be the opposite letter of the Ingress Cable

Mounting Clips



0.21

1.35

0 42

Fixed Mounting Clip



Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



00,20

Low Voltage Linear Luminaire

UC LUMA SERIES

Discreet yet illuminating... when the application needs to deliver lumens, yet the source must be concealed, specifiers turn to the UC to fulfill the requirement.

American designed and manufactured, the **UC** light engine delivers superior lumen output while remaining discreetly hidden within the deep channel, powder coated aluminum housing that easily blends in to any venue. The **UC** offers

a standard and high output option and can be combined with either a clear or frosted lens to deliver the precise anddesired lighting effect. With the ability to be daisy chained, along with customizable fixture lengths, CRI or lumens per foot, the **UC** can be tailored to meet the exacting needs of nearly any specifier.

Available with either a fix or articulating mount and ninestandard CCT/Color options, the **UC** is the ideal solution for cove and accent lighting when a concealed source of light and excellent light throw is required for the project.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Multiple lens options
- Excellent light casting property

Mechanical Profile & Compliance







Specifications							
ССТ	2700K	3000K	3500K	4000K	5000K		
LED Pitch			2"	- ,			
Lumen Output							
Clear & SO	485	485	487	561	650		
Clear & HO	618	618	621	717	844		
Frosted & SO	423	423	424	449	520		
Frosted & HO	538	538	541	574	676		
CRI			80+ & 90)+			
Beam Angle			90°				
Lens		CI	ear & Fro	sted			
Dimmable			Yes				
On Board Dimming			Yes				
Construction		Alur	ninum &	Plastic			
Housing	v	Vhite Pow	der Coate	ed Alumin	um		
Fixture Length _{Min}		SO	5" H	10 5"			
Fixture Length _{Max}		SO 10)2" F	IO 102"			
Ordering Increments			1"				
Daisy-Chain Capable			Yes				
Power Consumptionw,	SO 7W HO 10W						
Efficacyım/w							
Clear & SO	69	69	70	80	93		
Clear & HO	62	62	62	72	84		
Frosted & SO	60	60	61	64	74		
Frosted & HO	54	54	54	57	68		
Power Supply			Class II				
Operating Voltage _{DC}			24V				
Fixture Connectors	Indoor P	lugnGo, C)utdoor P	lugnGo			
Fixture Mounting	Fixed Mo	ounting Cl	ip, Articu	ating Mot	unting Clip		
Environmental Rating			Dry				
Certifications			UL				
WarrantyLimited			5 years				
Product		1	.25 x 1.20) in			
Dimensions _{WxH}		_					
Operating Temp Range			20 to 120				
Storage Temp Range		-	40 to 160)°F			
Weight			0.68 lb/	ft			
Specifications subject to change	ge without p	prior notific	ation				

Specifications subject to change without prior notification

Prolume | 296 Beanville Road | Randolph, VT 05060 | (203) 268-7778 | www.Prolumeled.com

DRY

5 Year Warranty

DIMMING

Example: UC-15S-830-90C-LE-IRE-AM

Product	Length	Output	CRI	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination ³	Egress Cable Orientation ⁴	ePosition	Mount
UC	###	<u>S</u> O	<u>8</u> 0+	27	90	<u>C</u> lear	Left	End	IPG	<u>R</u> ight	X - None	FM - Fixed Mount
		<u>H</u> O	<u>9</u> 0+	30		Froste	<u>R</u> ight	Back	<u>O</u> PG	Left	End	AM - Articulating Mour
				35				N earside			<u>B</u> ack	
				40				F arside			Nearside	
				50							Farside	
				RED			BI	KCH	R			P
				GRN			RAR	Content of the second s	RIGHT			
				BLU		L	EFT NE	AR SIDE				
				AMB					+			

⁺ Fixture length in inches, ⁺ CRI does not apply to Colors; leave blank[®] Indoor PlugnGo, Outdoor PlugnGo or Flying leads[®] Will always be the opposite letter of the Ingress Cable Orientation (R or I.)

Mounting Clips

Mounting Clips





0 42

Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



0.21

00,20

UCfx LUMA SERIES

Discreet yet illuminating... when the application needs to deliver a shaped beam angle and the source must be concealed, specifiers turn to the UCfx to fulfill the most demanding requirements.

American designed and manufactured, the **UCfx** light engine delivers superior lumen output while remaining discreetly hidden within the deep channel, powder coated aluminum housing. The **UCfx** offers a standard and high output option and can be combined with a clear or frosted lens to deliver the precise desired lighting effect. With daisy chain capability and customizable fixture length, CRI or lumens per foot, the **UCfx** can be ordered to meet the exacting needs of nearly any specifier.

Available with either a fixed or articulating mount and nine

standard CCTs/Color options, the **UCfx** is a perfect solution for back lighting when a concealed source of light and excellent light throw is required.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Multiple beam sculpting lens options

Mechanical Profile & Compliance



- All dimensions in INCHES

CENTIFIED CENTIFIED DRY DRY 5 Year Warranty

Low Voltage Linear Luminaire



Specifications									
ССТ	2700K	3000K	3500K	4000K	5000K				
LED Pitch			2"						
Lumen Output									
SO & Clear	413	413	414	477	553				
SO & Frosted	355	355	356	410	475				
HO & Clear	525	525	528	609	718				
HO & Frosted	452	452	454	524	617				
CRI	80+ & 90+								
Beam Angle	15°, 40°, 50×10°								
Lens			Clear						
Dimmable			Yes						
On Board Dimming			Yes						
Radius _{ft}		Со	nsult Facto	ory					
Construction		Alum	ninum & Pl	astic					
Housing	v	Vhite Pow	der Coateo	d Aluminur	n				
Fixture Length _{Min}		SO	6" нс	06"					
Fixture Length _{Max}		SO 10	2" нс	0 102"					
Ordering Increments			1"						
Daisy-Chain Capable			Yes						
Power Consumption _{W/Ft}		SO 7 V	V НС	0 10W					
Efficacy _{LM/W}									
SO & Clear	59	59	59	68	79				
SO & Frosted	51	51	51	59	68				
HO & Clear	52	52	53	61	72				
HO & Frosted	45	45	45	52	62				
Power Supply			Class II						
Operating Voltage _{DC}			24V						
Fixture Connectors	Indoor Plu	ugnGo, Out	tdoor Plug	nGo, Flyin	g Leads				
Fixture Mounting	Fixed Mo	unting Clip	. Articulati	ng Mounti	ng Clip				
Environmental Rating			Dry						
Certifications			UL						
WarrantyLimited	5 years								
Product Dimensions _{WxH}	1.25 x 1.20 in								
Operating Temp Range	-40 to 140 °F								
Storage Temp Range		-4	40 to 180 °	'F					
Weight			0.68 lb / ft						
	vithout prior notification								

Specifications subject to change without prior notification

Ordering Information Example: UCF-19S-827-5x1F-LE-IRX-AM Ingress Ingress Egress Cable Opposite Cable Beam Product Length¹ Output CRI² Orientation iPosition Termination³ Orientation⁴ Color Angle Lens Position Mount UCF SO IPG X - None ## 80+ 27 15 Clear Left End Right FM - Fixed Mount Left <u>9</u>0+ OPG HO 30 40 Frosted Right Back End AM - Articulating Mount 35 50x10 Nearside Ely Back 40 Farside Nearside 50 Farside RED ¥248 RIGH PAR SIDE GRN NEAR SIDE EFT BLU AMB FRONT YLW

¹ Fixture length in inches, ² CRI does not apply to Colors; leave blank ³ Indoor PlugnGo, Outdoor PlugnGo or Flying leads ⁴ Will always be the opposite letter of the Ingress Cable Orientation (R or L)

Mounting Clips

Mounting Clips



.35

0.21

0 42





Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



00,20

PROLUME HIC LUMA SERIES

Low Voltage Linear Luminaire

Discreet yet illuminating. Sometimes a fixture must deliver even greater lumens, yet the source must be

inconspicuously concealed. For such requirements, specifiers rely on HiC as their light choice.

American designed and manufactured, the **HiC** light engine will deliver a far superior lumen output while maintaining a discreet concealed position within the deep channel, powder coated aluminum housing. The **HiC** is offered in either a standard and high output configuration and can be combined with a clear or frosted lens to achieve the precise desired lighting effect. Capable of being daisy chained, when combined with customizable fixture length, CRI or lumens per foot, the **HiC** is a versatile lighting solution in the arsenal of many specifiers and architects.

Available with either a fixed or articulating mount and nine standard CCT/Color options, the **HiC** is a perfect solution for general illumination when a concealed source of light and excellent light throw is required.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Onboard 0 10V_{DC} dimming circuitry

Mechanical Profile & Compliance



- All dimensions in INCHES



Specifications								
ССТ	2700K	3000K	3500K	4000K	5000K			
LED Pitch			1.2"					
Lumen Output								
Clear & SO	814	814	826	962	1098			
Frosted & SO	700	700	710	827	945			
Clear & HO	1023	1023	1023	1151	1342			
Frosted & HO	880	880	880	990	1154			
CRI			, 30+ & 90-	÷				
Beam Angle			90°					
Lens		Cle	ar & Fros	ted				
Dimmable			Yes					
On Board Dimming			Yes					
Radius _{ft}		Co	nsult Fact	ory				
Construction		Alum	inum & P	lastic				
Housing	W	hite Powo	der Coate	d Aluminu	ım			
Fixture Length _{Min}	SO 6" HO 6"							
Fixture Length _{Max}	SO 87" HO 60"							
Ordering Increments	1"							
Daisy-Chain Capable			Yes					
Power Consumptionw,		SO 11V	у ј н	0 17W				
Efficacy _{LM/W}								
Clear & SO	74	74	75	87	100			
Clear & HO	60	60	60	68	79			
Frosted & SO	64	64	65	75	86			
Frosted & HO	52	52	52	58	68			
Power Supply			Class II					
Operating Voltage _{DC}			24V					
Fixture Connectors		lugnGo, C	utdoor P	lugnGo, F	lying			
	Leads							
Fixture Mounting	Fixed Mo	unting Cl	ip, Articul	ating Mo	unting			
Built In Functionality:			None					
Environmental Rating			Dry					
Certifications			UL					
WarrantyLimited			5 years					
Product		1.	25 x 1.20	in				
Dimensions _{WxH}								
Operating Temp Range			0 to 140					
Storage Temp Range			0 to 180					
Weight		(prior notific	0.68 lb / f	t				

Specifications subject to change without prior notification

Example: HIC-21H-835-90F-LE-IRE-FM



Orientation (R or L)





0.21

.35



Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



00,20

HiCfx LUMA SERIES

Grazing ceilings, rotundas and naves at museums andgovernment monuments across the country, the benefits of HiCfx have been recognized and specified to create stunning visual impressions by countless specifiers.

Manufactured in America and constructed of a rugged powder coated aluminum housing, the **HiCfx** utilizes

industry leading optics to deliver superior lumen output in an attractive concealing envelope. Available with either standard and high output, the **HiCfx** includes onboard 0 – 10 V_{DC} dimming and can be mounted in either a fixed or articulating position to deliver the desired lightingsolution for nearly any linear application.

Serving dry environments, with a damp environment option available, the **HiCfx** has excellent light throwing characteristics capable of satisfying the demanding needs of most specifiers and architects.

Features

- Made in America quality and craftsmanship
- Five CCTs and four colored LED standard options
- Customizable fixture lengths, CCT and CRI available
- Powder coated, low profile aluminum extrusion for seamless integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver
- Onboard 0 10V_{DC} dimming circuitry

Mechanical Profile & Compliance



- All dimensions in INCHES

Low Voltage Linear Luminaire



CCT2700K3000K3500K4000K5000KLED PitchIILumen OutputIIClear & SO598604703803Grosted & SO598604703803Clear & MO8919139791141Frosted & HO8919139791141Frosted & HO705842981Bam AngleIIIIClarsIIIIBam AngleIIIIItansIIIIItansIIIIOn Board DimmingIIIIGrostructionIIIIFixture LengthMaIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIIIIItansIII </th <th>Specifications</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Specifications								
Lumen Output Lumen Output Clear & SO 692 695 702 817 934 Frosted & SO 595 604 703 803 Clear & H0 708 785 80 785 80 785 80 785 80 785 80 78 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ССТ	2700K	3000K	3500K	4000K	5000K			
Clear & SO692695702817934Frosted & SO595604703803Clear & HO8708919139791141Frosted & HO8708919139791141Frosted & HO788870842981Beam AngleGSUS (SUS)	LED Pitch			1.2"					
Frosted & SO595604703803Clear & HO748763842913Frosted & HO748768842913Beam Angle	Lumen Output								
Clear & HO Frosted & HO Frosted & HO8919139791141Rande Beam Angle748766785842981ItensCISUSSENTSUSSENTSUSSENTSUSSENTItensCISUSSENTSUSSENTSUSSENTSUSSENTOn Board DimmingCISUSSENTSUSSENTSUSSENTGonstructionAluminutSUSSENTIIFixture Length MaxSUSSENTIISUSSENTOrdering IncrementsSUSSENTIISUSSENTPower ConsumptionSUSSENTIISUSSENTClear & SO6363647485Frosted & SOSUSSENTSUSSENTSUSSENTSUSSENTOperating Voltage Clear & SOSUSSENTSUSSENTSUSSENTSUSSENTFixture ConnectorsSUSSENTSUSSENTSUSSENTSUSSENTOperating Voltage Clear & SOSUSSENTSUSSENTSUSSENTSUSSENTFixture ConnectorsSUSSENTSUSSENTSUSSENTSUSSENTGerer SupplySUSSENTSUSSENTSUSSENTSUSSENTSUSSENTFixture MountingSUSSENTSUSSENTSUSSENTSUSSENTGueSUSSENTSUSSENTSUSSENTSUSSENTSUSSENTFixture ConnectorsSUSSENTSUSSENTSUSSENTSUSSENTGueSUSSENTSUSSENTSUSSENTSUSSENTSUSSENTFixture ConnectorsSUSSENTSUSSENTSUSSENT <th>Clear & SO</th> <th>692</th> <th>695</th> <th>702</th> <th>817</th> <th>934</th>	Clear & SO	692	695	702	817	934			
Frosted & HO748766785842981CRI80 + & 90 +80 + & 90 +80 + & 90 +80 + & 90 +80 + & 90 +80 +80 + & 90 +80 +	Frosted & SO	595	598	604	703	803			
CRI80+ & 90+Beam Angle15°, 40°, 50×10°LensClear & FrostedDimmableYesOn Board DimmingYesConstructionAluminum & PlasticHousingWhite Powder Coated AluminumFixture LengthMaxSO 6" HO 6"Fixture LengthMaxSO 78" HO 60"Ordering Increments1"Daisy-Chain CapableYesPower ConsumptionwSO 11W HO 17WEfficacyLM/WEfficacyLM/WClear & SO6363647485Power SupplyClasr & SO54556473Operating Voltagepc24VKlass505867Fixture ConnectorsFixed Mounting Clip, Articulating Mounting ClipLeadsDryEnvironmental Rating ClipDryULWarrantyLimited5 yearsProductJumen SanswxHOperating Temp Range-40 to 140 °F-40 to 180 °FWeight0.68 lb / ft-40 to 180 °F-40 to 180 °F-40 to 180 °F	Clear & HO	870	891	913	979	1141			
Beam Angle 15°, 40°, 50×10° Lens Clear & Frosted Dimmable Yes On Board Dimming Yes Construction Aluminum & Plastic Housing White Powder Coated Aluminum Fixture Lengthman SO 6" HO 6" Fixture Lengthmax SO 78" HO 60" Ordering Increments "" Power Consumption SO 11W HO 17W EfficacyLM/W Tersted & SO Clear & SO 63 63 64 74 85 Frosted & SO 54 55 64 73 Clear & HO 51 52 54 58 67 Frosted & SO 54 54 55 64 73 Operating Voltagebc: 24V 50 58 67 Fixture Connectors Fixed Moutring UL UL V V V Mador PlugnGo. UL V V V V VoraratyLimited Seed No UL V V V V Mator PlugnGo. UL V V	Frosted & HO	748	766	785	842	981			
LensClear & FrostedDimmableYesOn Board DimmingYesConstructionAluminum & PlasticHousingWhite Powder Coated AluminumFixture LengthMinSO 6" HO 6"Fixture LengthMaxSO 78" HO 60"Ordering Increments1"Daisy-Chain CapableYesPower ConsumptionwSO 11W HO 17WEfficacyLM/WYesClear & SO6363A5455A53Clear & HO5152Storage MountingClass IIOperating VoltageDC24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGo, Flying LeadsFixture MountingFixed Mounting Clip, Articulating Mounting Class IIProductULWarrantyLimitedS yearsProduct1.25 x 1.20 inDimensionswxH-40 to 180 °FWeight0.68 lb / ft	CRI			30+&90-	F				
Dimmable Yes On Board Dimming Yes Construction Aluminum & Plastic Housing White Powder Coated Aluminum Fixture Lengthmin SO 6" HO 6" Fixture Lengthmax SO 78" HO 60" Ordering Increments T'' Daisy-Chain Capable Yes Power Consumptionw SO 11W HO 17W EfficacyLM/W EfficacyLM/W Clear & SO 63 63 64 74 85 Frosted & SO 54 54 55 64 73 Clear & HO 51 52 54 58 67 Power Supply Clears 44 45 46 50 58 Operating Voltage _{ICC} UL Fixture Connectors Indoor PlugnGo, Outdoor PlugnGo, Flying Leads Dry Certifications UL UL S VarrantyLimited Fyears Jule Jule Jule DimensionswxH Goperating Temp Rang -40 to 140 °F Jule Storage Temp Rang -40 to 180 °F Jule Jule	Beam Angle		15°	,40°,50×	10°				
On Board DimmingYesConstructionAluminum & PlasticHousingWhite Powder Coated AluminumFixture Length MaxSO 6" HO 6"Fixture Length MaxSO 78" HO 60"Ordering Increments1"Daisy-Chain CapableYesPower ConsumptionwSO 11W HO 17WEfficacyLM/WIClear & SO63Clear & SO54ST 78 tell55Gtear & HO51SC 78 tell58Goperating Voltagebc24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGo, Flying LeadsFixture MountingFixed Mounting Clip, Articulating Mounting ClipFixture MountingFixed Mounting Clip, S yearsProductULVarrantyLimited-1.25 x 1.20 inProduct-40 to 180 °FDimensionswxH-40 to 180 °FWeight0.68 lb / ft	Lens		Cle	ar & Fros	ted				
Construction HousingAluminum & Plastic White Powder Coated AluminumFixture Length MaxSO 6" HO 6"Fixture Length MaxSO 78" HO 60"Ordering IncrementsI"Daisy-Chain Capable Power ConsumptionYesPower ConsumptionSO 11W HO 17WEfficacyLM/WSO 11W SO 100000000000000000000000000000000000	Dimmable			Yes					
Housing Ordering Length Max SO S	On Board Dimming			Yes					
Fixture Length MinSO 6"IHO 6"Fixture Length MaxSO 78"IHO 60"Ordering IncrementsIIDaisy-Chain CapableYesPower ConsumptionwSO 11WIHO 17WEfficacyLM/WSO 11WIHO 17WEfficacyLM/WClear & SO6363647485Clear & HO5152545867Frosted & SO5454556473Clear & HO5152545867Frosted & HO4445465058Power SupplyClass IIOperating Voltagepc24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGo, Flying LeadsDryEnvironmental Rating ClipDryULWarrantyLimited5 yearsProduct DimensionswxH Operating Temp Range Weight-40 to 140 °FKinght-40 to 180 °F	Construction		Alum	inum & P	lastic				
Fixture Length Max SO 78" HO 60" Ordering Increments 1" Daisy-Chain Capable Yes Power Consumptionw SO 11W HO 17W EfficacyLM/W Image: Clear & SO 63 63 63 64 73 64 73 65 64 73 664 73 75 764 7	Housing	W	hite Powo	ler Coate	d Aluminu	ım			
Ordering Increments 1" Daisy-Chain Capable Yes Power Consumptionw SO 11W HO 17W EfficacyLM/W SO 54 54 55 64 73 Clear & HO 51 52 54 58 67 Frosted & HO 44 45 46 50 58 Power Supply Class II Operating VoltageDC 24V Indoor PlugnGO, Outdoor PlugnGO, Flying Leads Fixture Mounting Fixed Mounting Clip, Articulating Mounting Clip UL UL UL WarrantyLimited S years UL Servers Servers Product 1.25 x 1.20 in 1.25 x 1.20 in Servers DimensionswxH Operating Temp Range -40 to 140 °F Servers Weight 0.68 lb / ft	Fixture Length _{Min}		SO 6	5" H	D 6"				
Daisy-Chain Capable Yes Power Consumptionw SO 11W HO 17W EfficacyLM/W SO 11W HO 17W Clear & SO 63 63 64 74 85 Frosted & SO 54 54 55 64 73 Clear & HO 51 52 54 58 67 Frosted & HO 44 45 46 50 58 Power Supply Class II Class II 56 58 Operating Voltagepc 24V 100 or PlugnGo, Outdoor PlugnGo, Flying Leads 100 or PlugnGo, Flying Clip Fixture Connectors Fixed Mounting Clip, Articulating Mounting Clip Dry 100 or PlugnGo, Flying Leads Certifications UL UL UL VIL VIL WarrantyLimited 5 years Product 1.25 x 1.20 in 1.25 x 1.20 in DimensionswxH -40 to 140 °F -40 to 180 °F Yeight VIL VIL	Fixture Length _{Max}	SO 78" HO 60"							
Power ConsumptionwSO 11WI HO 17WEfficacyLM/WEfficacyLM/WEfficacyLM/WEfficacyLM/WClear & SO6363647485Frosted & SO5454556473Clear & HO5152545867Frosted & HO4445465058Power SupplyClass II24V55Operating Voltagepc24V24V1000000000000000000000000000000000000	Ordering Increments	1"							
EfficacyLM/WImage: Clear & SO6363647485Clear & SO5454556473Frosted & HO5152545867Frosted & HO4445465058Power SupplyClass IIClass II5058Operating VoltageDc24V10door PlugnGo, Outdoor PlugnGo, Flying Leads5459Fixture MountingFixed Mounting Clip, Articulating Mounting ClipDryTure MountingEnvironmental Rating Operating Temp Rang0.40 to 140 °F5Product DimensionsWxH-40 to 180 °F5Storage Temp Range Weight0.68 lb / ft5	Daisy-Chain Capable			Yes					
Clear & SO6363647485Frosted & SO5454556473Clear & HO5152545867Frosted & HO4445465058Power SupplyClass IIOperating VoltageDc24VFixture ConnectorsIndoor PlugnGo, Utdoor PlugnGo, Flying LeadsFixture MountingFixed MOUnting ClipDryCertifications05VarrantyLimited5yearsProduct DimensionswxH-40 to 140 °FStorage Temp Range Weight-40 to 180 °F	Power Consumptionw		SO 11V	V Н	0 17W				
Frosted & SO54556473Clear & HO5152545867Frosted & HO4445465058Operating VoltageocClass IIFixture ConnectorsIndoor Pure SupplyBixture MountingErsed SupplyFixture MountingDryCertificationsULWarrantyLimitedStorage Temp RangeGoperating Temp Range-40 to 180 °FKitage Temp Range-40 to 180 °F	Efficacyım/w								
Clear & HO5152545867Frosted & HO4445465058Power SupplyClass II50Operating VoltagepcImage Class II24VRixture ConnectorsImage Class II10000 Functions Class IIFixture MountingSixed Number Class IIDryCertificationsImage Class II10000 Functions IIIVarrantyLimitedImage Class III10000 Functions IIIIOperating Temp Range-40 to 140 °F10000 Functions IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Clear & SO	63	63	64	74	85			
Frosted & HO4445465058Power SupplyClass IIClass IIOperating Voltageoc24V24VFixture ConnectorsIndoor PUrsurGo, VITdoor PUrsurGo, FUring LeadsFixture MountingFixed Mounting ClipDryEnvironmental Rating Certifications0ULWarrantyLimited5 yearsProduct DimensionswxH-40 to 140 °FOperating Temp Range Weight-40 to 180 °F	Frosted & SO	54	54	55	64	73			
Power SupplyClass IIOperating VoltageDc24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGo, Flying LeadsFixture MountingFixed Mounting Clip, Articulating Mounting ClipEnvironmental Rating CertificationsDryVarrantyLimited5 yearsProduct DimensionswxH-40 to 140 °FOperating Temp Range Weight-40 to 180 °F	Clear & HO	51	52	54	58	67			
Operating Voltagepc24VFixture ConnectorsIndoor PlugnGo, Outdoor PlugnGo, Flying LeadsFixture MountingFixed Mounting Clip, Articulating Mounting ClipEnvironmental Rating CertificationsDryVarrantyLimited5 yearsProduct DimensionswxH1.25 x 1.20 inOperating Temp Range Weight-40 to 180 °F	Frosted & HO	44	45	46	50	58			
Fixture ConnectorsIndoor PlugnGo, Outdoor PlugnGo, Flying LeadsFixture MountingFixed Mounting Clip, Articulating Mounting ClipEnvironmental RatingDryCertificationsULWarrantyLimited5 yearsProduct1.25 x 1.20 inDimensionswxH-40 to 140 °FStorage Temp Range-40 to 180 °FWeight0.68 lb / ft	Power Supply			Class II					
Fixture Mounting Ereads Fixture Mounting Fixed Mounting Clip, Articulating Mounting Clip Environmental Rating Dry Certifications UL WarrantyLimited 5 years Product 1.25 x 1.20 in DimensionswxH -40 to 140 °F Storage Temp Range -40 to 180 °F Weight 0.68 lb / ft	Operating Voltage _{DC}			24V					
ClipEnvironmental RatingDryCertificationsULWarrantyLimited5 yearsProduct1.25 x 1.20 inDimensionswxH-40 to 140 °FStorage Temp Range-40 to 180 °FWeight0.68 lb / ft	Fixture Connectors		lugnGo, C)utdoor P	lugnGo, F	lying			
CertificationsULWarrantyLimited5 yearsProduct1.25 x 1.20 inDimensionswxH-40 to 140 °FStorage Temp Range-40 to 180 °FWeight0.68 lb / ft	Fixture Mounting		ounting Cl	ip, Articul	ating Mo	unting			
WarrantyLimited5 yearsProduct1.25 x 1.20 inDimensionswxH-40 to 140 °FOperating Temp Range-40 to 180 °FStorage Temp Range0.68 lb / ft	Environmental Rating			Dry					
Product 1.25 x 1.20 in DimensionswxH -40 to 140 °F Operating Temp Range -40 to 180 °F Storage Temp Range 0.68 lb / ft	Certifications			UL					
DimensionswxH 1.25 x 1.20 in Operating Temp Range -40 to 140 °F Storage Temp Range -40 to 180 °F Weight 0.68 lb / ft	WarrantyLimited	5 years							
DimensionswxH Operating Temp Range -40 to 140 °F Storage Temp Range -40 to 180 °F Weight 0.68 lb / ft			1	25 x 1.20	in				
Storage Temp Range -40 to 180 °F Weight 0.68 lb / ft									
Weight 0.68 lb / ft									
5 · · ·									
Constitutions subject to abange without prior patification	_				t				

Specifications subject to change without prior notification



Mounting Clips

Mounting Clips



0.21



10

Articulating Mounting Clip

- All dimensions in INCHES

Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or select one of two available options in the LEDdynamics LVD Series of dimmer solutions.

0.68

1.38

0.86

1.11



00,20

$ZE_{\text{luma series}}$

Constructed using an industrial grade aluminum extrusion built to withstand the test of time, the ZE is an ideal solution with a two-inch pitch light engine that provides general illumination and pathway lighting for applications that require a robust and reliable fixture.

Offered with either a standard or high output light engine configuration, the **ZE** delivers up to 740 lumens. Housed in a heavy duty extruded aluminum envelope and protected by a UV resistant polycarbonate lens, the **ZE** will perform in the most extreme weather conditions.

When combined with onboard 0 – 10 V_{DC} dimming and the ability to be mounted in either an articulating or fixed position, the **ZE** becomes a reliable and versatile solution for architects, specifiers and lighting designers to use with confidence.

Available in twelve inch increments up to four feet in length and configurable in either series or parallel to a single driver, the **ZE** will meet the needs of many general illumination applications with demanding environmental needs.

Features

- Made in America quality and craftsmanship
- UV stabilized polycarbonate lens
- Five standard CCTs plus options for colored customization
- Daisy chain configurable wiring to a single driver
- Thermal monitoring and current control combine to maintain light levels while guarding against overheating

Mechanical Profile & Compliance



Low Voltage Linear Luminaire



Specifications								
ССТ	2700K	3000K	3500K	4000K	5000K			
LED Pitch			2"					
Lumen Output								
SO	379	429	437	445	530			
НО	528	600	612	624	744			
CRI			80+ & 90-	+				
Beam Angle			115°					
Lens			Clear					
Dimmable			Yes					
On Board Dimming			Yes					
Construction		Alum	inum & P	lastic				
Housing		Clear An	odized Al	uminum				
Fixture Length _{Min}			12"					
Fixture Length _{Max}			48"					
Ordering Increments			12"					
Daisy-Chain Capable			Yes					
Power Consumption _{W/F}		SO 7W	/ но	0 10W				
Efficacyım/w								
SO	54	61	62	64	76			
НО	53	60	61	62	74			
Power Supply			Class II					
Operating Voltage _{DC}			24V					
Fixture Connectors	Outdoor PlugnGo							
Fixture Mounting	Low Pro	file Bracke	et, Extend	led Profile	e Bracket			
Environmental Rating			Wet					
Certifications			UL					
WarrantyLimited			5 years					
Product	2.50 x 1.94 in							
DimensionswxH								
Operating Temp Range			0 to 120					
Storage Temp Range			0 to 160					
Weight		ior potificat	3.2 lb / ft					

Specifications subject to change without prior notification
Example: ZE-18H-835-115C-LE-ORX-LP

Product	Length ¹	Output	CRI	Color	Beam Angle		Ingress Cable Orientation	iPosition	Termination ³	Egress Cable Orientation ⁴	ePosition	Mount
ZE	##	<u>s</u> o	<u>8</u> 0+	27	115	<u>C</u> lear	Left	End	<u>O</u> PG	<u>R</u> ight	X - None	LP - Low Profile
		HO	<u>9</u> 0+	30	1		Right	Back		Left	End	EP - Extended Profile
				35				<u>N</u> earside			Back	FC - Fixed Clip
				40				Farside			<u>N</u> earside	
				50				-			<u>F</u> arside	
				RED			BACK	Ri				
				GRN			FAR BINE	RIGHT				
				BLU	L	F73	NEAR SIDE					
				AMB			FRONT	+++				

Mounting Clips





Dimming

The **Luma Series** of products are designed with a built-in dimming circuit that requires a $0 - 10 V_{DC}$ sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or one of two available options in the LEDdynamics LVD Series of products.



LOW VOLTAGE LINEAR LUMINAIRE

ZEfx LUMA SERIES

Constructed using an industrial grade aluminum extrusion built to withstand the test of time, the ZE is an ideal solution with a two-inch pitch light engine that provides general illumination and pathway lighting for extreme environmental applications.

Configured with either a standard or high output light engine, the ZEfx will deliver up to 469 lumens. Protected by a rugged aluminum envelope with a UV resistant polycarbonate lens, the ZEfx will perform in the most extreme weather conditions. When combined with onboard 0 – 10 V_{DC} dimming, thermal monitoring and current control to deliver ideal light levels while protecting against overheating along with the ability to be mounted in either a fixed or articulating position, the ZEfx becomes a reliable and versatile solution for architects, specifiers and lighting designers to use with confidence fortheir most environmental extremes.

Available in twelve inch increments up to four feet in length and configurable in either a series or parallel to a single driver, the ZEfx is a perfect solution for creating a dramatic wall grazing effects.

Features

- Made in America quality and craftsmanship
- UV stabilized polycarbonate lens
- Five standard CCTs plus options for colored customization
- Daisy chain configurable wiring to a single driver
- Thermal monitoring and current control combine to maintain light levels while guarding against overheating

Mechanical Profile & Compliance



- All dimensions in INCHES



Specifications					
ССТ	2700K	3000K	3500K	4000K	5000K
LED Pitch			2"		
Lumen Output					
SO & 15°	224	253	258	263	313
SO & 40°	239	270	275	280	334
SO & 50x10°	235	266	271	276	329
HO & 15°	312	354	361	368	439
HO & 40°	333	378	386	393	469
HO & 50x10°	327	372	379	387	461
CRI			80+ & 90·	+	
Beam Angle		15°	, 40°, 50×	10°	
Lens			Clear		
Dimmable			Yes		
On Board Dimming			Yes		
Construction	Alu	minum &	Polycarb	onate Pla	stic
Housing		Clear An	odized Al	uminum	
Fixture Length _{Min}			12"		
Fixture Length _{Max}			48"		
Daisy-Chain Capable			Yes		
Ordering Increments			12"		
Power Consumption _w		SO 7W	И П	0 10W	
Efficacyьм/w					
SO & 15°	32	36	37	38	45
SO & 40°	34	39	39	40	48
SO & 50x10°	34	38	39	39	47
HO & 15°	31	35	36	37	44
HO & 40°	48	54	39	56	67
HO & 50x10°	33	37	38	39	46
Power Supply			Class II		-
Operating $Voltage_{DC}$			24V		
Fixture Connectors	C	utdoor P	lugnGo, F	lying Lead	ls
Fixture Mounting	Low Prof	file Bracke	et, Extend	led Profile	e Bracket
Environmental Rating			Wet		
Certifications			UL		
Warranty _{Limited} Product		-	5 years		
D:			50 x 1.94 0 to 140		
Operating Temp Range			0 to 140		
Storage Temp Range Weight			3.2 lb / ft		
Specifications subject to shan					

Specifications subject to change without prior notification

Example: ZEF-36S-840-40C-LE-ORX-EP

Product	Length ¹	Output	CRI ²	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination ³	Ingress Opposite Orientation ⁴	Egress Cable Position	Mount
ZEF	##	<u>s</u> o	<u>8</u> 0+	27	15	<u>C</u> lear	Left	End	<u>O</u> PG	Right	X - None	LP - Low Profile Bracket
		HO	<u>9</u> 0+	30	40		Right	<u>B</u> ack	Ely	<u>L</u> eft	End	EP - Extended Profile Bracket
				35	<u>50x1</u> 0			Nearside			Back	
				40				<u>Farside</u>			<u>N</u> earside	
				50			1.	-			Farside	
				RED		-	BACK					
				GRN	10		FAR SOF		RIGHT			
				BLU	LE	14	NEAR S	SIDE				
				YLW	- 4	-db-			+			
						100	FROM	NT 🔶 🕇				

ntation (R or L)

Mounting Clips





Dimming

The Luma Series of products are designed with a built-in dimming circuit that requires a 0 - 10 V_{DC} sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or one of two available options in the LEDdynamics LVD Series of products.



$ZV_{\text{luma series}}$

Constructed using an industrial grade aluminum extrusion built to withstand the test of time, the ZE is an ideal solution with a one-point-two-inch pitch light engine that provides general illumination and pathway lighting from a robust and reliable fixture.

Available in either a standard or high output one-pointtwo inch pitch light engine configuration, the **ZV** delivers up to 924 lumens. Housed in a ruggedized extruded aluminum envelope and protected by a UV resistant polycarbonate lens, the **ZV** will perform in the most extreme weather conditions. When combining onboard $0 - 10 V_{DC}$ dimming, thermal monitoring and current control to deliver ideal light levels while protecting against overheating and the ability to be mounted in either a fixed or articulating position, the **ZV** becomes a reliable and versatile solution for architects, specifiers and lighting designers to use with confidence.

Offered in twelve inch increments up to four feet in length and daisy chain capable, the **ZV** is an ideal solution for general illumination and pathway lighting requirements.

Features

- Made in America quality and craftsmanship
- UV stabilized polycarbonate lens
- Five standard CCTs plus options for colored customization
- Daisy chain configurable wiring to a single driver
- Thermal monitoring and current control combine to maintain light levels while guarding against overheating

Mechanical Profile & Compliance



Low Voltage Linear Luminaire



Specifications					
ССТ	2700K	3000K	3500K	4000K	5000K
LED Pitch			1.2"		
Lumen Output					
SO	560	560	568	662	756
но	700	703	704	792	924
CRI		8	30+ & 90·	+	
Beam Angle			115°		
Lens			Clear		
Dimmable			Yes		
On Board Dimming			Yes		
Construction		Alum	inum & P	lastic	
Housing		Clear An	odized Al	uminum	
Fixture Length _{Min}			12"		
Fixture Length _{Max}			48"		
Ordering Increments			12"		
Daisy-Chain Capable			Yes		
Power Consumptionw		SO 12V	V Н	0 17W	
Efficacyım/w					
SO	47	47	47	55	63
но	41	41	41	47	54
Power Supply			Class II		-
Operating Voltage _{DC}			24V		
Fixture Connectors	0	utdoor P	lugnGo, F	lying Leac	ls
Fixture Mounting	Low Prot	file Bracke	et, Extend	led Profile	Bracket
Environmental Rating			Wet		
Certifications			UL		
WarrantyLimited			5 years		
Product		2.	50 x 1.94	in	
Dimensions _{WxH}		4	0 += 140	۰ ۲	
Operating Temp Range			0 to 140		
Storage Temp Range			0 to 180		
Weight Specifications subject to change			3.2 lb / ft		

Specifications subject to change without prior notification

Example: ZV-18H-850-115C-LB-ORB-LP

roduct	Length ¹	Output	CRI ²	Color	Beam Angle	Lens	Ingress Cable Orientation	iPosition	Termination ³	Ingress Opposite Orientation ⁴	Egress Cable Position	Mount
ZV	##	SO	80+	27	115	Clear		End	OPG	Right	X - None	LP - Low Profile Bracket
		HO	<u>9</u> 0+	30		1=	Right	Back	Ely	Left	End	EP - Extended Profile Bracket
		-		35			-0	Nearside			Back	
				40				Farside			Nearside	
				50							<u>Farside</u>	
				RED	100	-	BACK	1				
				GRN			FAR SIDE		RIGHT			
				BLU	L	EFT	NEAR S	SIDE				
				YLW					¥			
						100	FRO	41				

Mounting Clips





Dimming

The Luma Series of products are designed with a built-in dimming circuit that requires a 0 - 10 V_{DC} sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or one of two available options in the LEDdynamics LVD Series of products.



ZVfx LUMA SERIES

Built to withstand the test of time, the ZVfx adds

optics for crisp beam sculpting to create a high output solution for wall grazing applications that require a robust and reliable fixture.

Available in either a standard or high output one-inch pitch light engine configuration, the **ZVfx** will deliver up to 909 lumens. Housed in a rugged aluminum envelope and protected by a UV resistant polycarbonate lens, the **ZVfx** will perform in the most extreme weather conditions. When combining onboard $0 - 10 V_{DC}$ dimming, thermal monitoring and current control to deliver ideal light levels while protecting against overheating and the ability to be mounted in either a fixed or articulating position, the **ZVfx** becomes a reliable and versatile solution for architects, specifiers and lighting designers to use with confidence.

Offered in twelve-inch increments up to four feet in length and daisy chain capable from a single driver, the **ZVfx** is a perfect solution for creating a dramatic wall grazing effect.

Features

- Made in America quality and craftsmanship
- UV stabilized polycarbonate lens
- Five standard CCTs plus options for colored customization
- Daisy chain configurable wiring to a single driver
- Thermal monitoring and current control combine to maintain light levels while guarding against overheating

Mechanical Profile & Compliance



WET

Low Voltage Linear Luminaire



Specifications								
ССТ	2700K	3000K	3500K	4000K	5000K			
LED Pitch			1.2"					
Lumen Output								
SO & 15°	516	516	524	610	697			
SO & 40°	543	543	551	641	732			
SO & 50x10°	551	551	559	651	744			
HO & 15°	649	649	649	730	851			
HO & 40°	682	682	682	768	895			
HO & 50x10°	693	693	693	780	909			
CRI			80+& 90)+)+				
Beam Angle		10	°, 40°, 50)x10°				
Lens			Clear					
Dimmable			Yes					
On Board Dimming			Yes					
Construction		Alur	minum &	Plastic				
Housing		Clear A	nodized /	Aluminum				
Fixture Length _{Min}			12"					
Fixture Length _{Max}			48"					
Ordering Increments			12"					
Daisy-Chain Capable			Yes					
Power Consumptionw		SO 12	W	HO 17W				
Efficacy _{LM/W}								
SO & 15°	43	43	44	51	58			
SO & 40°	45	45	46	53	61			
SO & 50x10°	46	46	47	54	62			
HO & 15°	38	38	38	43	50			
HO & 40°	40	40	40	45	53			
HO & 50x10°	41	41	41	46	53			
Power Supply			Class II					
Operating Voltage _{DC}			24V					
Fixture Connectors		Ou	tdoor Plu	gnGo				
Fixture Mounting	Low Pro	ofile Brack	et, Exten Fixed Cli		e Bracket,			
Environmental Rating			Wet					
Certifications			UL					
			5 years	5				
Product	2.50 x 1.94 in							
Dimensions _{WxH}								
Operating Temp Rang								
Storage Temp Range		-	40 to 160					
Weight			3.2 lb /	it.				

Specifications subject to change without prior notification

Example: ZVF-35H-840-15C-LE-ORX-LP

Product	Length ¹	Output	CRI 2	Color	Beam	Long	Ingress Cable	iPosition	Termination ³	Egress Cable Orientation ⁴	ePosition	Mount
ZVF	##	SO	<u>8</u> 0+		15	<u>C</u> lear		End	OPG	Right	X - None	LP - Low Profile
		HO	<u>9</u> 0+	1.00	40	<u>-</u>	Right	Back		Left	End	EP - Extended Profile
			-	35	<u>50x1</u> 0			Nearside		-	Back	FC - Fixed Clip
				40				<u>F</u> arside			<u>N</u> earside	
				50							<u>F</u> arside	
				RED	1		BACK	RIGHT				
				GRN	4	r43	HAR SIDE					
				BLU		-kJ	NEAR SIDE	-				
				AMB		-	FRONT	+ * *				

¹ Fixture length in inches, ² CRI does not apply to Colors; leave blank ³ Outdoor PlugnGo⁴ Will always be the opposite letter of the Ingress Cable Orientation (R or L)

Mounting Clips



Low Profile Bracket



Dimming

The Luma Series of products are designed with a built-in dimming circuit that requires a 0 - 10 V_{DC} sinking dimming controller to properly function. Either a third party sinking dimmer controller can be used or one of two available options in the LEDdynamics LVD Series of products.



XML MICRO SERIES

Sleek, stylish and tiny... the XML delivers outstanding lumen output that, when combined with the less than one-point-two (1.25) cubic inch fixture envelope, is nearly imperceptible in any application.

This decorative miniature luminaire is designed for recessed and low-profile applications. Constructed of a solid aluminum housing the **XML** provides durability and thermal management in an aesthetically pleasing form. Available with a variety of optics to achieve the desired beam sculpting, the **XML** can be easily mounted in ceilings, walls and millwork to achieve the specifiers desired effect. With a class two rating, the **XML** is

dimmable and can be joined in series or parallel from a single driver when multiple fixtures are required.

Offered in black, white, natural and chrome finishes standard and custom finishes optional, the **XML** can be recess mounted or surface mounted with an articulating yoke bracket. The **XML** once again proves the adage that good things really do come in small packages.

Features

- Made in America quality and craftsmanship
- Solid aluminum housing for optimum heat dissipation
- Ultra-low profile for shallow recessed applications
- Five standard CCTs and four colored LED options
- Configurable in either series or parallel to a single driver
- Recessed and articulating surface mounting options
- Custom finish options available



- All dimensions in INCHES

Low Voltage Micro Luminaire





Specifications							
ССТ	2700K	3000K	3500K	4000K	5000K		
Lumen Output	90	94	96	104	106		
Frosted & SO	82	86	92	101			
Frosted & HO	194	216	223	227			
CRI		8	0+ & 90	+			
Beam Angle		10 [°] , 18	3°, 32°, 5	50x10°			
Lens			Clear				
Dimmable			Yes				
On Board Dimming			No				
Housing		Anodi	zed Alur	ninum			
Finish	W	hite, Blac	ck, Natur	al, Chror	me		
Daisy-Chain Capable	Yes						
Efficacy(LM/W)	90	94	96	104	106		
Power Supply	Constant Current - Class II						
Fixture Connectors	Indoor PlugnGo, Flying Leads						
Fixture Mounting	Retain	ing Sprir Yo	ng Clip, I ke Brack		ninare		
Environmental Rating			Damp				
Certifications			UL				
WarrantyLimited			5 years				
Product		1 3	2 x 1.04	in			
DimensionswxH		1.2	2 X 1.04	• 111			
Operating Temp Range		-20 to 120 °F					
Storage Temp Range	-40 to 160 °F						
Weight			0.1 lb				

Specification subject to change without prior notification

Example: XML-GRN-BLK-10-RS

Product	CPI ¹	Color	Finish	Beam Angle	Mount
FIOUUCI	CM	COIOI	1 111511	Aligie	WIGUIIL
XML	<u>8</u> 0+	27	WHT - White	10	RS - Retaining Spring Clip
	<u>9</u> 0+	30	BLK - Black	18	LY - microLuminare Yoke Bracket
		35	NAT - Natural	32	
		40	CHM - Chrome	<u>5</u> 0 <u>x1</u> 0	
		50			
		RED			
		GRN			
		BLU			
		AMB			
1 CRI does no	t apply	to Colors 2	Retaining Spring Clip,	microLum	inare Yoke Bracket

Mounting Clips



Retaining Spring Clip



MicroLuminaire Yoke Bracket









- All dimensions in INCHES

Dimming

The **Micro Series** of products is energized through a constant current power supply. There are two methods of for dimming the Micro Series which include a constant current driver with built in analog dimming or a constant voltage driver with PWM output. In either configuration, an external $0 - 10V_{DC}$ dimming controller is required to reduce illumination down to zero percent.



Prolume | (203) 268-7778 | www.Prolumeled.com

VML MICRO SERIES

Sleek, stylish and tiny... the VML delivers outstanding lumen output that, when combined with the less than a one-point-two (1.25) cubic inch fixture envelope, is nearly imperceptible in any application.

This decorative miniature luminaire is designed for recessed and low-profile applications. Constructed of a solid aluminum housing the VML provides durability and thermal management in an aesthetically pleasing form. Available with a fixed beam angle of one-hundred-ten degrees (110°), the VML can be easily mounted in ceilings, walls and millwork to achieve the specifier's desired effect. With a class two rating, the VML is dimmable and can be joined in series or parallel from a single driver when multiple fixtures are required.

Offered in black, white, natural and chrome finishes standard and custom finishes optional, the VML can be recess mounted or surface mounted with an articulating yoke bracket. The VML once again proves the age-old adage that good things really do come in small packages.

Features

- Made in America quality and craftsmanship
- Solid aluminum housing for optimum heat dissipation
- Ultra-low profile for shallow recessed applications
- Five standard CCTs and four colored LED options
- Configurable in either series or parallel to a single driver
- Recessed and articulating surface mounting options
- Custom finish options available



- All dimensions in INCHES

Low Voltage Micro Luminaire







Specifications

opeenieations								
CCT	2700K	3000K	3500K	4000K	5000K			
Lumen Output	108	111	113	122	125			
CRI	80+ & 90+							
Beam Angle			110°					
Lens			None					
Dimmable			Yes					
On Board Dimming			No					
Construction & Housin		Anod	ized Alum	iinum				
Finish	٧	Vhite, Bla	c <mark>k, Natura</mark>	al, Chrom	e			
Daisy-Chain Capable			Yes					
Ordering Increments			1					
Power Consumption(w	1W							
Efficacy(LM/W)	108	111	113	122	125			
Power Supply		Constan	t Current	- Class II				
Fixture Connectors	Indoor PlugnGo, Flying Leads							
Fixture Mounting	Retainir	ng Spring	Clip, mic Bracket	roLumina	re Yoke			
Environmental Rating			Damp					
Certifications			UL					
WarrantyLimited			5 years					
Product		1.	22 x 0.70	in				
DimensionswxH Operating Temp Range		-2	0 to 120	°F				
Storage Temp Range	-40 to 160 °F							
Weight			0.1 lb					

Specification subject to change without prior notification

Example: VML-940-NAT-110-RSC

	I	1		Beam	
Product		Color	Finish	Angle	Mount
VML	<u>8</u> 0+	27	WHT - White	110	RS - Retaining Spring Clip
	<u>9</u> 0+	30	BLK - Black	130	LY - microLuminare Yoke Bracket
		35	NAT - Natural		
		40	CHM - Chrome		
		50			-
		RED			
		GRN			
		BLU			
		AMB			

1 CRI does not apply to Colors 2 Beam angle of 110° for White LEDs and 130° for Colors 3 Retaining Spring Clip,

Mounting Clips





Retaining Spring Clip



MicroLuminaire Yoke Bracket





- All dimensions in INCHES

Dimming

The **Micro Series** of products is energized through a constant current power supply. There are two methods of for dimming the Micro Series which include a constant current driver with built in analog dimming or a constant voltage driver with PWM output. In either configuration, an external $0 - 10V_{DC}$ dimming controller is required to reduce illumination down to zero percent.



Prolume | (203) 268-7778 | www.Prolumeled.com

$525_{\text{NITE-GLOW SERIES}}$

Sleek, stylish and designed with the needs of occupant and public safety. With a low profile recessed design, the **525** has become a standard for specifiers when night light or aisle lighting is required. Available in four different finishes, the louvers are designed to maximize light output with a clean cutoff while still delivering sufficient illumination to navigate a darkened room.

Designed with a state-of-the-art LED light engine for energy efficiency and a variety of white CCTs and colored LEDs option, the **525** can be configured to meet the specific needs of nearly any nightlight or aisle application and will deliver years of maintenance free performance. The **525** is also available with a through wall mounting option which allows a second satellite fixture to be mounted on an adjacent wall and powered via a low voltage connection from up to three feet away.

Features

- Made in America craftsmanship and quality
- Galvanized steel back box with folded and welded corners, and mounting tabs
- Five standard CCTs and four colored LEDs standard options available
- Through wall or satellite configuration capable
- Four standard louver options; contact factory for custom requirements

Mechanical Profile & Compliance



- All dimensions in INCHES



LOW VOLTAGE NIGHT/AISLE LIGHT







Т



Specifications									
ССТ	2700K	3000K	3500K	4000K	5000K				
Lumen Output	35	42	43	45	49				
CRI			80+& 90+	F					
Beam Angle			90°						
Lens			None						
Dimmable			No						
On Board Dimming			No						
Construction		S	teel, Plast	ic					
Housing			Steel						
Power Consumptionw,			1W						
Efficacy _{LM/W}	35	42	43	45	49				
Power Supply			Class II						
Operating Voltage _{DC}			12Vdc						
Fixture Connectors		Mol	ex Conne	ctor					
Fixture Mounting			In Wall						
Built In Functionality:			None						
Environmental Rating			Damp						
Certifications			UL, RoHS						
WarrantyLimited			5 years						
Product	7.7	5"x4.24"x	0.45" (Fa	ceplate or	nly)				
Dimensions _{WxH}	7.3	375"x3.6"	x2.35"(ba	ickbox on	ly)				
Operating Temp Rang	-40 to 120 °F								
Storage Temp Range	-40 to 160 °F								
Weight			2lbs						
Specifications subject to chang	e without p	rior notific	ation						

Product	Туре	Service	Color	Plate	Screws	Environment	
525	<u>F</u> ixture	<u>S</u> ingle	827	<u>N</u> one ¹	<u>N</u> one ¹	<u>N</u> one ¹	
	<u>R</u> etrofit	<u>D</u> ouble	830	<u>WH</u> ite	<u>M</u> atching	<u>D</u> ry	
			835	<u>BL</u> ack	<u>T</u> amper Proof	<u>W</u> et	
			840	<u>ST</u> ainless			
			850	<u>BR</u> ass			
			RED				
			GRN				
			BLU				
			YLW				
¹ None only applicable option available for 525 R etrofit Type							

Mechanical Dimensions



PSH _{cv series}

The **CV Series** leverages the industry's best technology to ensure that the custom fixtures in the Prolume portfolio perform to the best of their ability when energized. With a

Constant Voltage Power Supply

low voltage power supply offering ranging from 4 to 100 watts, the PSH product offerings will deliver quality results to meet your specific illumination requirements with Prolume fixtures.

Specifications	PSH24-012	PSH24-024	PSH24-040	PSH24-060	PSH24-080	PSH24-100	PSH12-004
Output VoltageDC			24				12
Output Current _{MAX}	0.5 A	1.0 A	1.67 A	2.5 A	3.3 A	4.17 A	0.33 A
¹ Output Power _{MAX}	12 W	24 W	40 W	60 W	80 W	100 W	4 W
Input Voltage120 DC				120 V			
Input Current	0.18 A	0.27 A	0.5 A	0.65 A	0.86 A	0.96 A	0.12 A
Input Voltage277 DC				277 V			
Input Current	0.08 A	0.13 A	0.13 A	0.28 A	0.4 A	0.41 A	0.06 A
Input Power	15 W	29 W	47 W	70 W	93 W	112 W	4 W
Input Frequency	50 / 60 Hz						
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.40
Efficacy	75%	83%	86%	86%	86%	86%	70%
Minimum Load	50%	None	10%	None	None	None	10%
Environmental Ratir	Wet	Wet	Damp	Damp	Damp	Damp	Damp
Certifications	UL 8750 Recognized Component, FCC, UL, RoHS						
WarrantyLimited	5 years						
Housing	Polycarbonate	Metal	Polycarbonate	Metal	Metal	Metal	Polycarbonate
Dimensions _{LxwxH}	3 x 1.23 x	4.80 x 1.58 x	3.76 x 2.74 x	9.5 x 1.7 x	9.5 x 1.7 x	9.5 x 1.7 x	1.93 x 1.07 x
Inch	0.98	0.96	1.26	1.18	1.18	1.18	0.79
Case Style	Y	D	W	1	I		-
Operating Temp Rar	-30 to 90 °C	-40 to 90 °C	-40 to 90 °C	-40 to 90 °C	-40 to 90 °C	-30 to 90 °C	-20 to 85 °C
Weight _{Ibs}	0.16 lb	0.52 lb	0.66 lb	1.33 lb	1.33 lb	2.45 lb	0.26 lb

¹ Load should not exceed eighty percent (80%) of driver capacity. Specification subject to change without prior notification

Short circuit and overload protection
Over temperature protection

Output Voltage tolerance +/- 5% @ 25°C
Withstanding voltage: I/P – O/P 2kVAC

Features

Ordering Information

 Series	Product	Voltage	Wattage ¹
 CV	PSH	12	004
		24	012
			024
			040
			060
			080
			100

- All dimensions in INCHES

¹ Four (004) watt only available with 12 V output. All other drivers operate at 24 V.