



24V, IP67 protected and IK10 certified, linear surface-mounted LED luminaire with small form factor. Full polyurethane encapsulation with an opal polyurethane top layer offering a premium water proof sealing, UV resistance, chemical stability and protection against abrasion. Extruded H-shaped aluminum body powder coated in white with cable runway on the back. Delivered with male/female mini IP67 connectors and translucent end caps for a perfect light continuity. Ideal solution for facade, accent or general lighting in outdoor or humid environments. Light source assembled using Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. Outstanding lifetime of >60,000 hrs L80/B10 (>30,000 hrs RGB). Embeds high quality japanese LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring exceptional color consistency over the rated lifetime. Premium color rendition with CRI up to 95 and TM-30-15 up to R<sub>r</sub> = 91 / R<sub>g</sub> = 101. Consistent light intensity all along the luminaire length. Fully dimmable. Engineered and produced in Germany.

Project name

Fixture type  Phase

Specifier  Date

**24V**

Select Models Only

**ETL**

Intertek  
ETL Listed

**Integrated Circuit Driver**

Up to 820 lm/ft 75 lm/W  
Constant Light Output

**Reel-to-Reel R2R Production**

High Quality Solder Free Reels

**TjAway® Thermal Management**

Exceptional Thermal Dissipation

**One Bin Only**

3 MacAdam up to 95 CRI

**L/B Lifetime**

L80/B10 >60,000 hrs  
/RGB >30,000 hrs

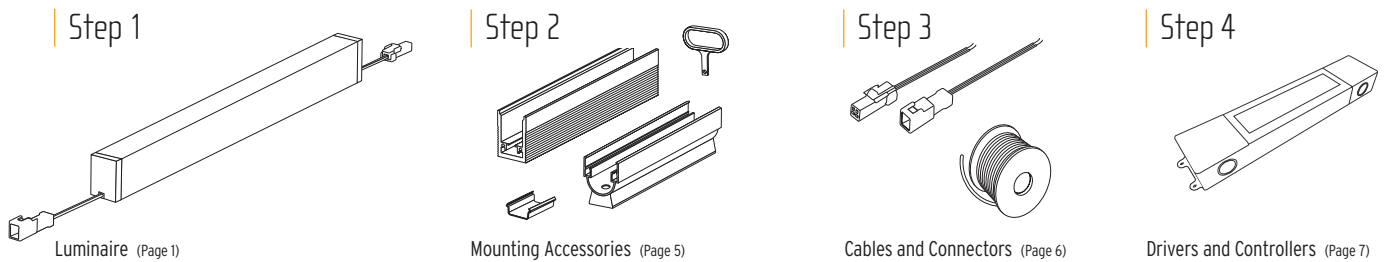
**6 Digit Photometric Code**

Wxxx/339

**IES LM79/LM80**

LM79/LM80 Compliant

## Ordering Process



## Luminaire Order Code

Family	Model	Lumen package <sup>a</sup>	Color rendering	Color temperature		Custom length <sup>c</sup>	Ingress
ADONIS	_____	_____	W_	__		_____	IP67
	<b>HYDRA</b> - Static White	<b>HD06</b> -90 lm/ft	<b>W8</b> -85CRI	<b>21</b> -2100K	<b>32</b> -3200K	L <sub>min</sub> : 264 mm (10-3/4")	
		<b>HD10</b> -155 lm/ft	<b>W9</b> -95CRI <sup>b</sup>	<b>23</b> -2300K	<b>37</b> -3700K	L <sub>max</sub> : 3952 mm (13')	
		<b>HD15</b> -310 lm/ft		<b>25</b> -2500K	<b>45</b> -4500K	Increment: 62.5 mm (2-1/2")	
		<b>HD25</b> -500 lm/ft		<b>28</b> -2800K			
		<b>HD36</b> -735 lm/ft					
	<b>IQW ATON</b> - Tunable White	<b>HD12</b> -150 lm/ft	-	-	-		
	(2300K - 3700K)	<b>HD24</b> -310 lm/ft	-	-	-		
	<b>RGB</b> - 622nm (R) 532nm (G) 466nm (B)	<b>HD20</b> -140 lm/ft	-	-	-		

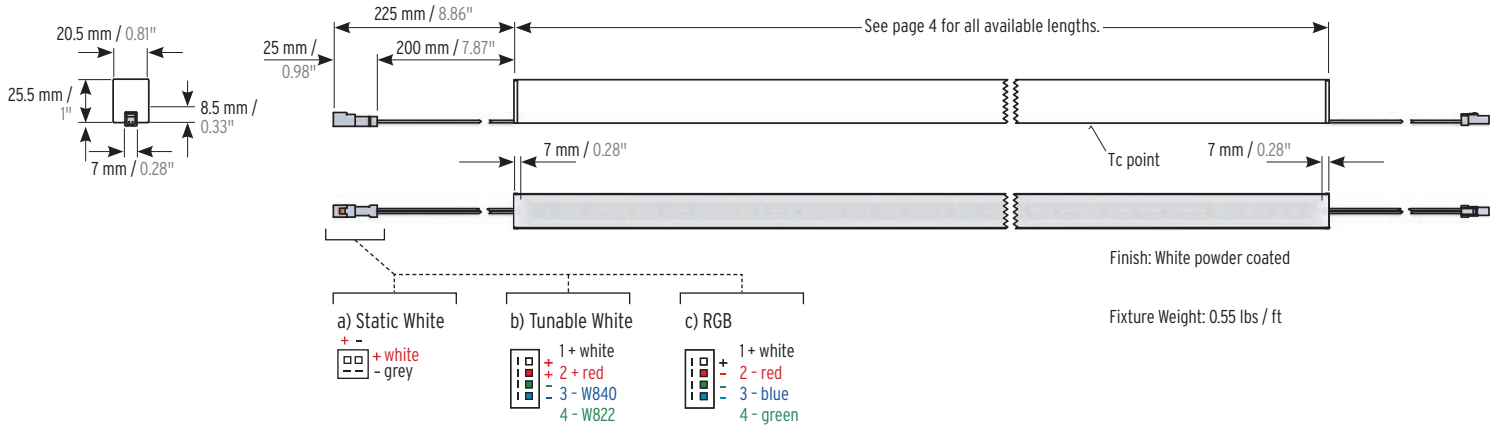
<sup>a</sup> Lumen Values represent 3200K (W932). <sup>b</sup> Only available with HD06 and HD10 lumen packages with 2500K, 2800K, 3200K and 3700K. <sup>c</sup> See page 4 for all available lengths.

		HD6		HD10		HD15		HD25		HD36		
		Color temperature <sup>a</sup>	Lumen/ft	W/ft <sup>b</sup>	Lumen/ft	W/ft <sup>b</sup>	Lumen/ft	W/ft <sup>b</sup>	Lumen/ft	W/ft <sup>b</sup>	Lumen/ft	W/ft <sup>b</sup>
Static White	● W821	2,100 K	85	1.8	145	3.0	230	4.7	370	7.6	545	11
	● W823	2,300 K	100	1.8	165	3.0	260	4.7	425	7.6	620	11
	● W825/W925	2,500 K	85	1.8	145	3.0	280	4.7	450	7.6	660	11
	● W828/W928	2,800 K	90	1.8	150	3.0	295	4.7	480	7.6	700	11
	● W832/W932	3,200 K	90	1.8	155	3.0	310	4.7	500	7.6	735	11
	● W837/W937	3,700 K	95	1.8	160	3.0	370	4.7	515	7.6	750	11
	● W845	4,500 K	130	1.8	215	3.0	345	4.7	560	7.6	820	11

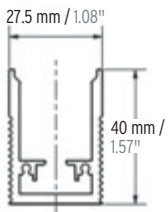
<sup>a</sup> CCT Tolerances occur in IP67 products due to the encapsulation of the fixtures.

<sup>b</sup> The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

## Mechanical Details

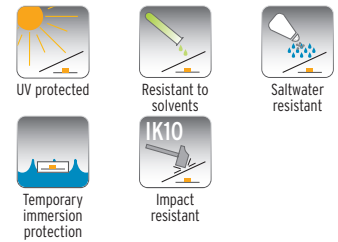


### Inground Channel (Accessory)



### Mounting

Easy and clean installation due to internal mounting clips. ADONIS / KALYPSO housing also acts as cable raceway. Therefore you do not see any clips or cables from the outside.



## Technical Details

	Static White	Tunable White	RGB
Voltage	24 Volt (23 V <sub>min</sub> , 25 V <sub>max</sub> )	24 Volt (23 V <sub>min</sub> , 25 V <sub>max</sub> )	24 Volt (23 V <sub>min</sub> , 25 V <sub>max</sub> )
Case temperature <sup>A</sup>	T <sub>Cmin</sub> = -13°F, T <sub>Cmax</sub> = specific, see Table below	T <sub>Cmin</sub> = -13°F, T <sub>Cmax</sub> = specific, see Table below	T <sub>Cmin</sub> = -13°F, T <sub>Cmax</sub> = specific, see Table below
Storage temperature	T <sub>Smin</sub> = -22°F, T <sub>Smax</sub> = 185°F	T <sub>Smin</sub> = -22°F, T <sub>Smax</sub> = 185°F	T <sub>Smin</sub> = -22°F, T <sub>Smax</sub> = 185°F
Ambient temperature	T <sub>Amin</sub> = -13°F, T <sub>Amax</sub> = specific, see Table below	T <sub>Amin</sub> = -13°F, T <sub>Amax</sub> = 104°F	T <sub>Amin</sub> = -13°F, T <sub>Amax</sub> = 104°F

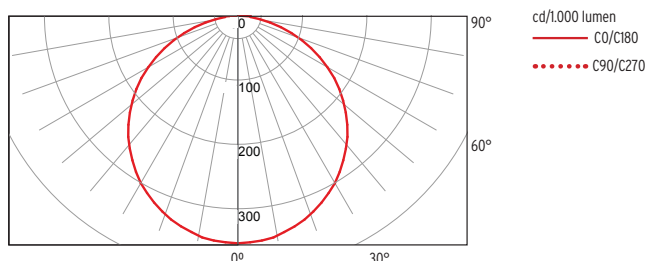
<sup>A</sup> The position of the Tc-point is marked on each step of the LED strip. The Tc-point should be measured in thermal equilibrium according to IEC EN 60598-1.

	Static White					Tunable White		RGB
	HD6	HD10	HD15	HD25	HD36	HD12	HD24	HD20
Power (W/ft) <sup>B</sup>	1.8	3.0	4.7	7.6	11	3.7	7.3	6.7
Efficacy (lm / W) <sup>B</sup> @ W850	70	71	75	74	75	40	42	21
CRI / R9 @ 3000 K	95 / 70	95 / 70	85 / 30	85 / 30	85 / 30	85 / 20	85 / 20	-
Max serial run length (ft / m)	16.4 / 5	16.4 / 5	13.1 / 4	9.8 / 3	6.6 / 2	16.4 / 5	13.1 / 4	13.1 / 4
Case temperature Tc-point (T <sub>Cmax</sub> ) <sup>B</sup>	158°F	158°F	158°F	167°F	185°F	158°F	158°F	158°F
Max ambient temperature (T <sub>Amax</sub> )	122°F	122°F	122°F	113°F	95°F	122°F	122°F	122°F

<sup>B</sup> The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

## Light Distribution

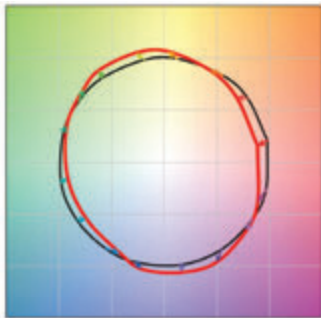
### ADONIS IP67



## Colorimetric Details

Photometric Code	CCT	CRI	R9	R <sub>f</sub>	R <sub>g</sub>
W830/339	3000 K	85	23	82	99

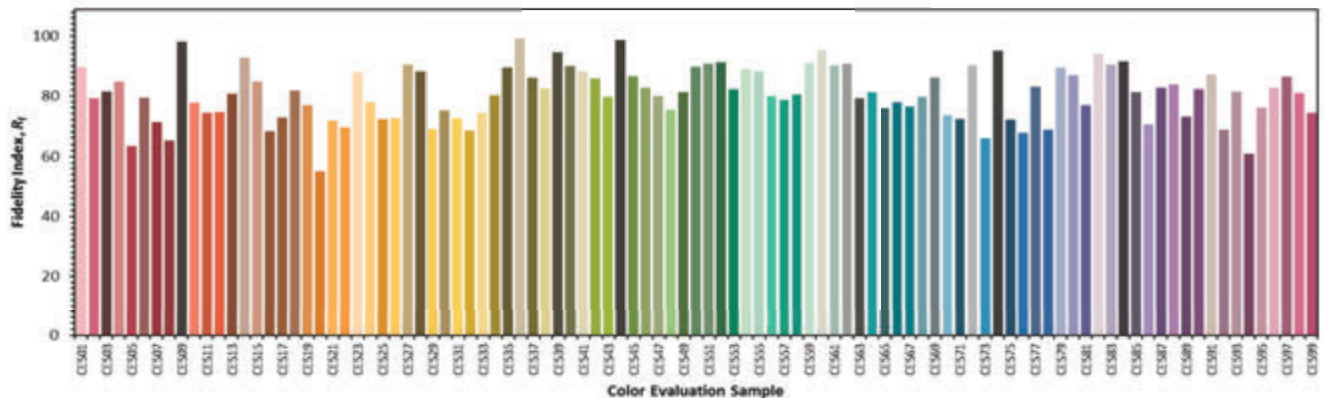
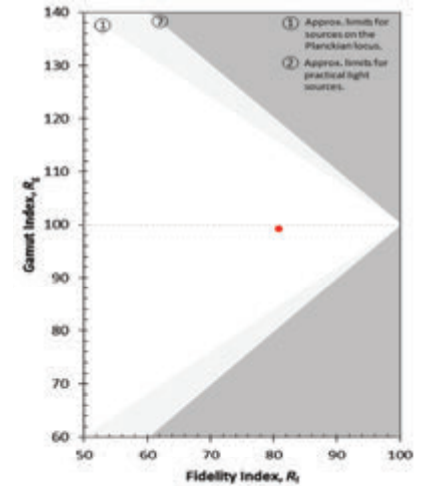
Color Vector Graphic



Color Distortion Graphic



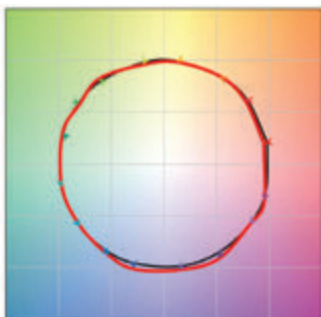
Reference Illuminant  
Test Source



## Colorimetric Details

Photometric Code	CCT	CRI	R9	R <sub>f</sub>	R <sub>g</sub>
W930/339	3000 K	96	70	91	101

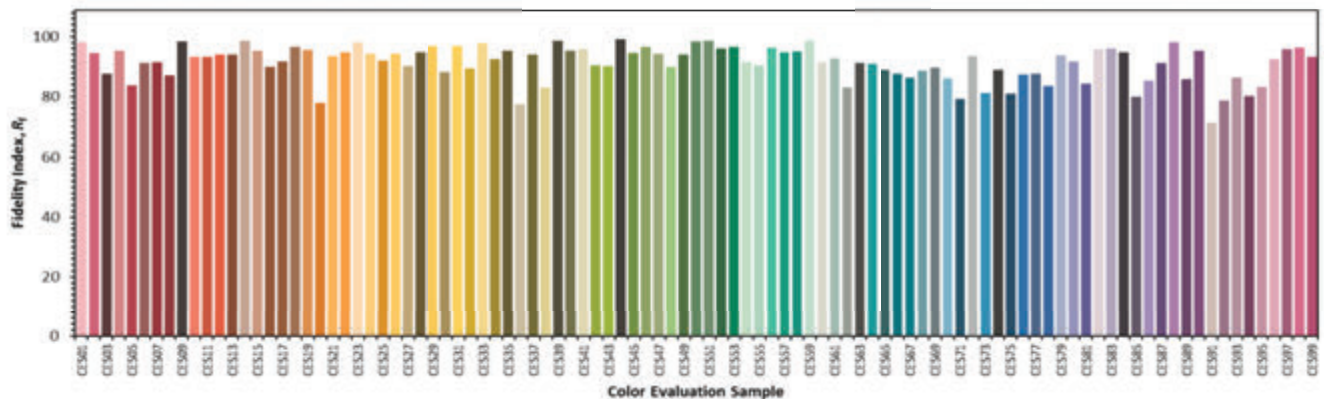
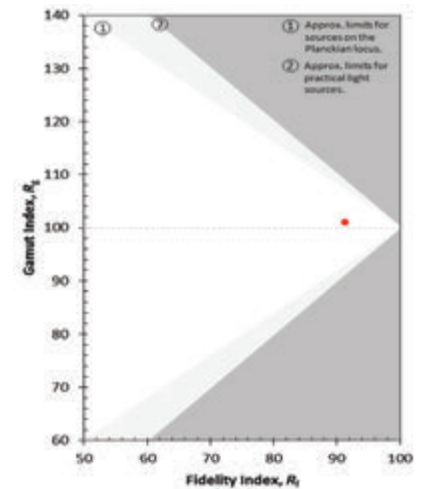
Color Vector Graphic



Color Distortion Graphic











Reference Illuminant  
Test Source





## Mounting Accessories

Item	Description	Dimensions (L x W x H)	Order Code
	Adonis/Kalypso IP67 Surface Mounting Clip Stainless steel surface mounting clip with washer. Clips inside the the fixture profile for invisible look. Recommended to use every 2 feet.	1" x 3/4" x 3/8"	13000202
	Adonis/Kalypso IP67 Vertical Surface Mounting Block Metal mounting block with set screw for vertical applications. Install inside the the fixture profile to stop the fixture from sliding. Recommended to use every 2 feet together with a surface mounting bracket.	1" x 1/2" x 1/4"	13000287
	Adonis/Kalypso IP67 Adjustable Mounting Clip Aluminum adjustable surface mounting bracket. Tilts 60° in each direction with spring loaded mechanism. Recommended to use every 2 feet. Silver finish.	5-1/2" x 1" x 1-1/2"	13000265
	Adonis/Kalypso IP67 Wallmount Arm Kit Metal surface mounting adjustable wall arm. The set includes mounting block, mounting clip and adjusting screws. Tilts 140° in each direction and screw locks in position. Recommended to use for every 3 feet. Silver finish.	4-3/4" x 2-3/4" x 1"	13000165
	Adonis/Kalypso IP67 Inground Mounting Kit Aluminum mounting channel with styrofoam dummy for inground installations. Use for indoor and protected outdoor environments. 6.5 feet long.	6' 6" x 1" x 1.5"	10000576 RAL9003-FS
	Adonis/Kalypso IP67 Inground Channel Mounting Clip Stainless steel mounting clip with mounting block and set screw. Required to install the fixture inside the inground channel. Recommended to use every 2 feet.	1" x 3/4" x 3/8"	13000288
	Adonis/Kalypso IP67 Inground Channel End Cap Metal endcaps with screws and rubber gasket. Required to cover the ends of the inground channel before installation. Available with or without drainage outlet.	Without Drainage With Drainage	11000231 11000232
	Adonis/Kalypso IP67 Disassembly Tool Use to take the fixture out of the inground mounting frame.	-	13100032







## Cables and Connectors

Item	Description	Model	Dimensions	Order Code
 Cable IP68 for Static White	Outdoor rated UL approved cable. Use to extend installation distance with outdoor rated splicing box (by others).	Static White	2 x 22 AWG, 160 ft	14000030
 Mini Female Connector IP67 for Static White	Use to run cable from the driver to the first fixture of the run or to the next fixture. Female mini connector on one side and open end cable on the other side.	Static White Static White	2 x 22 Awg, 8 in 2 x 22 Awg, 6.5 ft	15000141 15000142
 Mini Male Connector IP67 for Static White	Use to run cable from the fixture to the driver or to the previous fixture. Male mini connector on one side and open end cable on the other side.	Static White	2 x 22 Awg, 8 in	15000140
 Mini Extension IP67 for Static White	Use to extend the distance between connection points. Female connector on one side and male connector on the other side.	Static White Static White	2 x 22 Awg, 4 in 2 x 22 Awg, 6.5 ft	15000143 15000144
 Mini Female Protection Cap IP67 for Static White	Use to seal unused connectors and maintain IP67 ingress protection.	Static White	—	15000218
 Cable IP68 for RGB and Tunable White	Outdoor rated UL approved cable. Use to extend installation distance with outdoor rated splicing box (by others).	RGB / Tunable White RGB / Tunable White	4 x 23 Awg, 160 ft 4 x 18 Awg, 160 ft	14000048 14000060
 Mini Female Connector IP67 for RGB and Tunable White	Use to run cable from the driver to the first fixture of the run or to the next fixture. Female mini connector on one side and open end cable on the other side.	RGB Tunable White RGB / Tunable White	4 x 23 Awg, 8 in 4 x 23 Awg, 8 in 4 x 23 Awg, 6.5 ft	15000201 15000241 15000202
 Mini Male Connector IP67 for RGB and Tunable White	Use to run cable from the fixture to the driver or to the previous fixture. Male mini connector on one side and open end cable on the other side.	RGB Tunable White	4 x 23 Awg, 8 in 4 x 23 Awg, 8 in	15000200 15000240
 Mini Extension IP67 for RGB and Tunable White	Use to extend the distance between connection points. Female connector on one side and male connector on the other side.	Static White Static White	4 x 23 Awg, 4 in 4 x 23 Awg, 6.5 ft	15000203 15000204
 Mini Female Protection Cap IP67 for RGB and Tunable White	Use to seal unused connectors and maintain IP67 ingress protection.	RGB / Tunable White	—	15000219

## Drivers

Item	Specifications	Downloads
<b>LED LINEAR™</b> Non-Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL 8750 Listed Enclosure - With Built-In Junction Boxes</li> <li>• Universal Input Voltage 120V - 277V</li> <li>• IP65 - For Both Indoor and Outdoor Use</li> <li>• No Minimum Load Requirement</li> <li>• 24V Constant Voltage Output, Class 2</li> <li>• Available in three wattages 30W, 60W and 96W</li> <li>• Max. Dimensions: 12-1/8" x 2-3/8" x 1-3/8"</li> </ul>	<a href="#">30 W SPEC SHEET</a> <a href="#">60 W SPEC SHEET</a> <a href="#">96 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>LED LINEAR™</b> 0-10V Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL 8750 Listed Enclosure - With Built-In Junction Boxes</li> <li>• 0-10V Dimmable - Flicker Free Down to 1%</li> <li>• Universal Input Voltage 120V - 277V</li> <li>• IP65 - For Both Indoor and Outdoor Use</li> <li>• 24V Constant Voltage Output, Class 2, Class P</li> <li>• Available in three wattages 30W, 60W and 96W</li> <li>• Max. Dimensions: 12-1/8" x 2-3/8" x 1-3/8"</li> </ul>	<a href="#">30 W SPEC SHEET</a> <a href="#">60 W SPEC SHEET</a> <a href="#">96 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>LED LINEAR™</b> ELV/Triac Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL 8750 Listed Class 2 Enclosure</li> <li>• 24V constant voltage output</li> <li>• Compact size yet high efficiency and performance in dry and damp environments (IP67)</li> <li>• Multiple Inputs: 120V or 277V</li> <li>• Fully dimmable: ELV Dimmers - Reverse or Adaptive Phase Control, Trailing Edge</li> <li>• Available in two wattages 48W and 96W</li> <li>• Multiple Circuits are available up to 4 units (up to 384W)</li> </ul>	<a href="#">48 W SPEC SHEET</a> <a href="#">96 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
 PWM Dimmable Drivers 	<ul style="list-style-type: none"> <li>• Universal AC input / Full range (up to 305VAC)</li> <li>• Constant voltage PWM style output</li> <li>• Built-in 3 in 1 dimming function (0-10Vdc or PWM signal or resistance)</li> <li>• Dimming range : 0-100%</li> <li>• Class 2 power unit</li> <li>• Suitable for dry / damp / wet locations</li> <li>• UL Recognized component, 5 years warranty</li> </ul>	<a href="#">40 W SPEC SHEET</a> <a href="#">60 W SPEC SHEET</a> <a href="#">90 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>OLUTRON</b> Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL Listed Enclosure</li> <li>• Dimming Range: 100% to 1% and 0.1% (Premiere)</li> <li>• LED lighting turns on to any dimmed level without flashing to full brightness</li> <li>• Operating Voltage: 120V~ to 277V~ at 50/60 Hz</li> <li>• Rated lifetime of 50,000 hours at 40°C (104°F) ambient temperature and maximum loading</li> <li>• For rated warranty, ambient temperature not to exceed 40°C (104°F)</li> <li>• Open-circuit protected output</li> </ul>	<a href="#">HI-LUME SPEC SHEET</a> <a href="#">HI-LUME PREMIERE SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>eldoLED</b> DALI/DMX Dimmable Drivers 	<ul style="list-style-type: none"> <li>• Available in linear or rectangular format</li> <li>• 100W, DMX/DALI interface for Static White, Tunable White and RGB/W Applications</li> <li>• 4 control channels</li> <li>• 24V constant voltage, 4 x 24V outputs</li> <li>• Metal or plastic case options</li> </ul>	<a href="#">100 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>

## Controllers

Item	Specifications	Downloads
	<b>180/D</b> DMX Controller for RGB/W and Tunable White Applications	<a href="#">180/D SPEC SHEET</a>
	<b>210/D</b> Dali Controller for Static White Applications	<a href="#">210/D SPEC SHEET</a>
	<b>211/D-LG</b> 0-10V Logarithmic Dimming Controller	<a href="#">211/D-LG SPEC SHEET</a>
	<b>211/D-LN</b> 0-10V Linear Dimming Controller	<a href="#">211/D-LN SPEC SHEET</a>
	<b>212/D</b> DMX Controller for Static White and Static Color Applications	<a href="#">212/D SPEC SHEET</a>
	<b>DimWheel</b> DMX Wall Controller for RGB/W and Tunable White Applications	<a href="#">DIM WHEEL SPEC SHEET</a>

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