

TYPE PROJECT FIRM DATE

### H-CHANNEL

Exterior



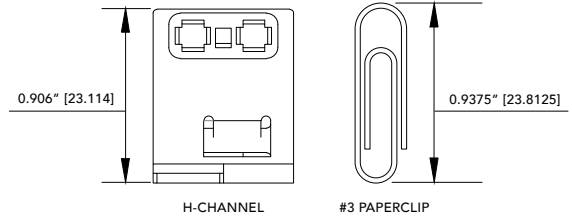
H-Channel is a small scale, exterior-rated (IP67) linear fixture that is available in custom-lengths for ultimate flexibility. This fixture is ideal for any outdoor lighting project with tight space restrictions.

- + Standard CRI 90+ Nominal



	H-CHANNEL LO	H-CHANNEL HO
<b>Lumen Output*</b>	263.9 lm/ft	527.7 lm/ft
<b>Power Consumption**</b>	3.51 W/ft	8 W/ft
<b>Efficacy</b>	79 lm/W	78 lm/W
<b>Input Voltage</b>	24 VDC	
<b>Dimensions (W x H)</b>	0.734" x 0.906"	
<b>Full Width Half Max</b>	60°(H) x 80°(V)	
<b>Uniformity</b>	3-Step MacAdam Ellipse	
<b>Operating Temp</b>	50°C (122°F) Max	
<b>Materials</b>	Extruded Aluminium	
<b>Dimming</b>	Flicker-Free down to 0.1%	

\* Data has been interpolated from the LM 79 testing of similar OPTOLUM products at 3000K and 90+ CRI, actual values may differ  
 \*\* Wattage is inclusive of power supply  
 50,000 hours of maintenance of 70% Lumen output at 25°C



ACTUAL SIZE COMPARISON

### H-CHANNEL ORDERING CODE Example: FL-HCZH--309--D--060000

PRODUCT	OUTPUT	COLOR TEMP	CONNECTION	LENGTH
<b>FL</b> Finline	<b>HCZ</b> H-Channel <b>H</b> HO <b>L</b> LO	<b>20 8</b> 2000K* <b>22 8</b> 2200K* <b>24 8</b> 2400K* <b>27 9</b> 2700K <b>30 9</b> 3000K <b>35 9</b> 3500K <b>40 9</b> 4000K <b>45 9</b> 4500K* <b>50 9</b> 5000K*	<b>D</b> Dead End <b>E</b> End to End	Please specify nominal length in 1.26" increments up to 60"  Total length does not include mounting bracket(s)

\*CRI 85 nominal, may require additional lead time

### H-CHANNEL ACCESSORIES

SUPPLY	DIMMING	# OF LEADS	IP RATING	JUMPERS	
<b>PS</b>	<b>060X277</b> <b>100X277</b> <b>40-ELV*</b> <b>60-ELV*</b> <b>100-ELV*</b> <b>100-277</b>  *Available only with TRIAC	<b>0-10V TRIAC*</b> —  *Available only with 100-ELV	<b>1</b> <b>2</b> <b>3</b>	<b>67</b> —	<b>1'-0" (30.5 cm)</b> <b>2'-0" (61.0 cm)</b> <b>5'-0" (152.4 cm)</b> <b>11'-0" (335.3 cm)</b> <b>NO JUMPERS</b>  *Jumpers are included with 0-10V; For ELV/TRIAC, select jumper from Power Supplies list

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### H-CHANNEL POWER SUPPLIES Complete information can be found on Power Supply Spec Pages

**INPUT 110-277 VAC RUN LENGTH PER SUPPLY\***  
\*Quantity of Power Supplies may change based upon layout.

UL CLASS 2	IP65 RATED POWER	HO	LO
<b>PS060X277</b>	60 W	7.5 ft (2.29 m)	16.2 ft (4.9 m)
<b>PS100X277</b>	100 W	12.5 ft (3.81 m)	27.0 ft (8.2 m)
<b>PS40-ELV*</b>	40 W	5.0 ft (1.52 m)	
<b>PS60-ELV*</b>	60 W	7.5 ft (2.29 m)	
<b>PS100-ELV*</b>	100 W	12.5 ft (3.81 m)	27.0 ft (8.2 m)
<b>PS100-277 (INTEGRAL J-BOX)</b>	100 W	12.5 ft (3.81 m)	27.0 ft (8.2 m)

\*80% Min Load Required

MLV	IP67	RUN LENGTH
<b>PS M20L24DC-AR</b>	20 W	2.5 ft (0.74 m)
<b>PS M40L24DC-AR</b>	40 W	5.0 ft (1.52 m)
<b>PS M60L24DC-AR</b>	60 W	7.5 ft (2.29 m)
<b>PS M100L24DC-AR</b>	100 W	12.5 ft (3.81 m)

LUTRON	DRY/DAMP RATING	RUN LENGTH
<b>PS L3D0-96W24V</b> – High Lume Premier; Compatible with EcoSystem 3 Wire Controls	96 W	12.0 ft (3.66 m)
<b>PS L3DA4U1UKL</b> – High Lume EcoSystem/ 3 wire L3D J/Box	40 W	5.0 ft (1.52 m)
<b>PS LTEA4U1UKL</b> – High Lume EcoSystem/ 2 wire J/Box	40 W	5.0 ft (1.52 m)
<b>PS L3DA4U1UKx</b> – High Lume EcoSystem/ 3 wire L3D	40 W	5.0 ft (1.52 m)
<b>PS LTEA4U1UKx</b> – High Lume EcoSystem/ 2 wire	40 W	5.0 ft (1.52 m)

### H-CHANNEL PRODUCT DIMENSIONS

