DESCRIPTION

The HVL provides exceptional aesthetics with remarkable strength. Individual or continuous run, surface, or pendant mount provides design flexibility. Die-cast end caps, heavy extruded aluminum body provides strength and rigidity for complex environments while an extruded linear ribbed polycarbonate lens obscures the lamp image and spreads light

The HVL is ideal for areas where the need for aesthetics and protection from vandalism are critical. Perfect for schools, hospitals, corridors, dormitories, public restrooms, common areas, and transit stations.

Catalog #	Туре
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Housing

Heavy duty extruded aluminum rails and die-cast end caps provide rigid construction. Finished in matte white standard. Black and dark platinum available. Custom colors also offered.

End Caps

One-piece, robust, die-cast aluminum end caps. Available flat or sculpted decorative style. Flat Endcaps have (3) 7/8" knock-out for thru-wiring, and (3) 1/4" knock-outs to attach/secure fixtures and ensure ultra-straight rows for continuous run applications.

Fasteners

Stainless steel TORX® center pin reject and allen head set screws provided. Screws are mounted along the fixture side, concealed by the polycarbonate lens.

Lens

One-piece extruded UV stabilized polycarbonate. Unique linear ribbed design provides uniform light distribution while obscuring lamp image and direct glare. Internal ribs reduce dirt build-up and facilitate cleaning. Nominal thickness 0.135".

Reflector

Heavy gauge steel reflector serves as a wireway cover and a driver tray. Finished in gloss white powder coat paint.

Light-Emitting Diode (LED)

LEDs available in 3000K, 3500K, 4000K and 5000K with CRI > 85. Projected life is 50,000 hours at 70% lumen maintenance.

Transformer/Driver

Electronic, 0-10V dimming standard.

ETL listed for wet locations under covered ceiling standard. IP64 available. NSF (optional) = Nonfood, splash zone. DesignLights Consortium ™ Quallifed and classified for DLC standard, refer to www.designlights. org for details.

Warranty

Five year warranty on the LEDs and electrical. Lifetime Warranty if fixture found to be inoperative due to physical abuse for the duration of the installation.



Decorative (-D) endcap shown

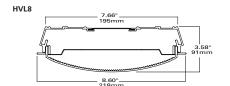
HVL LED

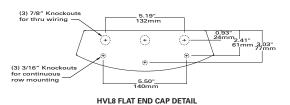
LD4 LED

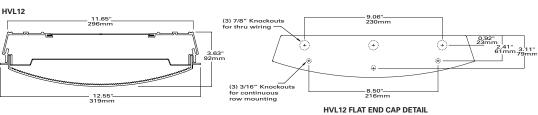
8", 12" Width Individual / Continuous Vandal Resistant Linear LED

Polycarbonate Lens Die-Cast End Caps **Aluminum Extruded Housing**









OVERALL LENGTH DIMENSIONS

	Overall Length	
	Smooth End Caps	Decorative End Caps
1'	13.80"	15.6"
2'	25.20"	27.0"
4'	47.10"	48.9"
8'	94.17"	95.97"

Lifetime Warranty

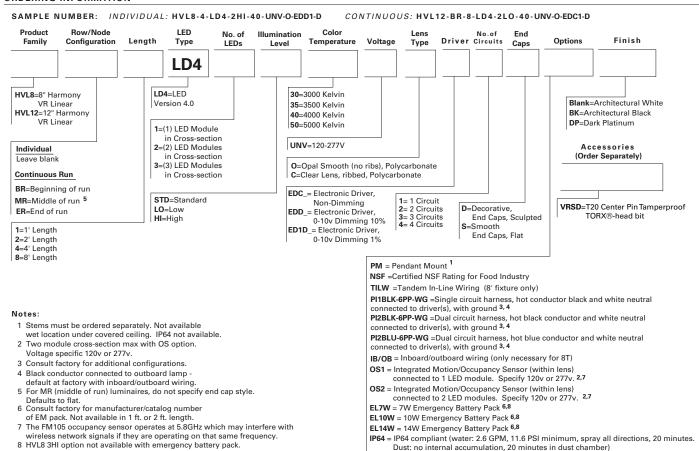
Fail-Safe will provide a replacement fixture for any HVL found to be inoperative due to physical abuse for the duration of the installation. Fail-Safe will not warranty product against some forms of anti-social human behavior involving corrosive chemicals, fire, paint or gunfire.



TORX® is a registered trademark of Camcar Division of Textron Inc.

ENERGY DATA

For Energy Management related technical data to support the performance of this fixture series, refer to the ordering information for input wattage



NOMINAL INPUT WATTS/NOMINAL DELIVERED LUMENS

	HVL8-4	lear and Op	oal Lens	
Number of Modules	Illumination Level	Input Watts	Delivered Lumens CLEAR	LPW
1	LO	24.7	2696	109.14
1	STD	34.6	3595	103.90
1	Н	44.4	4394	98.96
2	LO	49.4	5199	105.24
2	STD	69.2	7018	101.41
2	н	88.6	8460	95.46
3	LO	49.4	5199	105.24
3	STD	69.2	7018	101.41
3	н	88.6	8460	95.46

	HVL12-4	Clear and O	pal Lens	
Number of Modules	Illumination Level	Input Watts	Delivered Lumens CLEAR	LPW
2	LO	48.1	5098	105.99
2	STD	71.4	6911	96.79
2	НІ	92.8	8413	90.66
3	LO	72.1	7598	105.38
3	STD	105.1	10204	97.09
3	НІ	137.5	12350	89.82

^{*} Nominal input wattage values include LED voltage, drive current, and typical driver efficiency. Refer to LM79 data/photometric files for exact delivered

ORDERING INFORMATION EXAMPLE: (3) 8' FIXTURES, 24' RUN

NAT=Natatorium Finish, Aluminum Components, Stainless steel Hardware

Decorative End Caps

Beginning: (1) HVL8-**BR**-8-LD4-2STD-40-UNV-0-EDC1-D Middle: (1) HVL8-**MR**-8-LD4-2STD-40-UNV-0-EDC1 End: (1) HVL8-**ER**-8-LD4-2STD-40-UNV-0-EDC1-D

Flat (Smooth) End Caps

Beginning: (1) HVL8-BR-8-LD4-2STD-40-UNV-0-EDC1-S Middle: (1) HVL8-MR-8-LD4-2STD-40-UNV-0-EDC1 End: (1) HVL8-ER-8-LD4-2STD-40-UNV-0-EDC1-S

Decorative E	ind Caps - Continuo	us Run (-D)
BR (Beginning Run)	MR (Middle Run)	ER (End Run)
Decorative endcaps on left, flat endcap on right, to attach to MR fixture.	Flat endcaps on both ends, by default.	Decorative endcaps on right, flat endcap on left, to attach to MR fixture.
		to win lixture.
Flat (Smooth)	End Caps - Contin	uous Run (-S)
) End Caps - Contin	

8" CORNER MOUNT BRACKET 1

HVL8-2T5CM = 8", 2Ft. T5 Corner Mount HVL8-2T8CM = 8", 2Ft. T8 Corner Mount HVL8-2LEDCM = 8", 2Ft. LED Corner Mount

HVL8-4T5CM = 8", 4Ft. T5 Corner Mount HVL8-4T8CM = 8", 4Ft. T8 Corner Mount HVL8-4LEDCM = 8", 4Ft. LED Corner Mount

Note: 1 Requires 90-degree offset 1/4" driver and VRSB bit for installation.

12" CORNER MOUNT BRACKET 1

HVL12-2T5CM = 12", 2Ft. T5 Corner Mount HVL12-2T8CM = 12", 2Ft. T8 Corner Mount HVL12-2LEDCM = 12", 2Ft. LED Corner Mount

HVL12-4T5CM = 12", 4Ft. T5 Corner Mount HVL12-4T8CM = 12", 4Ft. T8 Corner Mount HVL12-4LEDCM = 12", 4Ft. LED Corner Mount

Note: 1 Requires 90-degree offset 1/4" driver and VRSB bit for installation.

PENDANT MOUNT: Suspension Sets - Stem Sets XX = Length (6, 8, 12, 24, 36, 48, 60, 72)

SCF-XX-B = Fixed Stem Set

Used with all surface fixtures as stem sets. One set consists of one stem assembly. Minimum of two sets required per fixture. Not rated WL under covered ceiling.

NOTE: Coupler, 3/8" IPS Pipe Coupler to join lengths. Coupler is standard baked white enamel or special order of black. Must specify pendant mount (PM) option on luminaire.