



### Project

### Product Code

### Type

### Date

### Approval

Superior-grade, High Bay vapour proof LED fixture. The BLHV is ideal for indoor or outdoor use where there is a high probability of exposure to dust, water or vapour. Its unique, IP67 certified body makes it ideal in environments where vapour-proof efficiency and performance are a factor

### Overview

- L70 of ##,000 hours+
- L90 of ##,000 hours+
- Fibreglass body with a continuous poured neoprene gasket
- 0-10V dimming standard
- Marine-grade 316-stainless steel clips standard

### Construction

- Manufactured in Ontario, Canada
- Fibreglass body with neoprene gasket ensures a dust and water resistant seal

### Electrical

- ETL certified to UL Canada and United States standards
- Available in 120 - 277V and 347/480V

### Optics

- The high-efficiency lens maximizes light distribution while providing diffusion of LED point sources and reducing glare
- Optics available for wide or narrow distribution

### Mounting

- Can be suspended, surface or pendant mounted

### Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Lumen packages are available from 10,000L to 44,000L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- Pendant Mount
- IP66 rated motion sensor
- IP69 rated fixture housing (2ft fixture only)
- Polycarbonate Lens

### NOTES

### ↓ ↓ ↓ NOMENCLATURE

Fixture Type	Fixture Size	Lumen Output	CRI	Colour Temp	Driver Voltage	Options
BLHV		10	8 - 80 CRI	30 - 3000 K	UNV	
		12	9 - 90 CRI	35 - 3500 K	347/480	
		14		40 - 4000 K		
	2'	16		50 - 5000 K		
		18		65 - 6500 K		
		20				
		24				
		28				
		32				
	4'	36				
		40				
		48				

#### Lenses

L49	Smooth Frosted Acrylic Lens (CT4-DIRA-FR50)
L59	Frosted Polycarbonate Lens (CT4-DP-FR50)
L55	Clear Acrylic Lens
L26	Clear Polycarbonate Lens

#### Power Cable options

W3xx	Flexible Whip - 16/3 600V White(std) - length (5/10/15/20 ft)
W4xx	Flexible Whip - 16/3 600V Black - length (5/10/15/20 ft)
W59xx	Flexible Whip - 18/5 600V White - length

#### Emergency Driver

B17**	Emergency Driver (6/10/23 Watt)
-------	---------------------------------

#### Sensors

W30xxx	IP Rated Motion Sensor (SBOR)
W59xxx	HBE11
W91xxx	WSPLWOEM24V
W**	Other options available

#### Controls

B11	Dimming 0-10V
WC1xx	Nedap Wireless Controls (Zigbee)
WC17xx	Douglas Controls (Bluetooth)
WC**xx	Other options available

#### Mounting

M14	Mounting Beam for CT4i-SS
M16	CT4-Vhook
M20	Ceiling Mount V-Hanger
M24	Pendant Mounting
M41	Mounting Beam for CT4i-ZP
M3-XX	Aircraft Cable "Y-TOGGLE" with Cable Gripper
M4	Aircraft Cable "V-Hanger", 18 Inch
M6-XX	Aircraft Loop Kit
M**	Other options available

#### Surge Protection

F4	10Kv Surge Protection
F7	20Kv Surge Protection

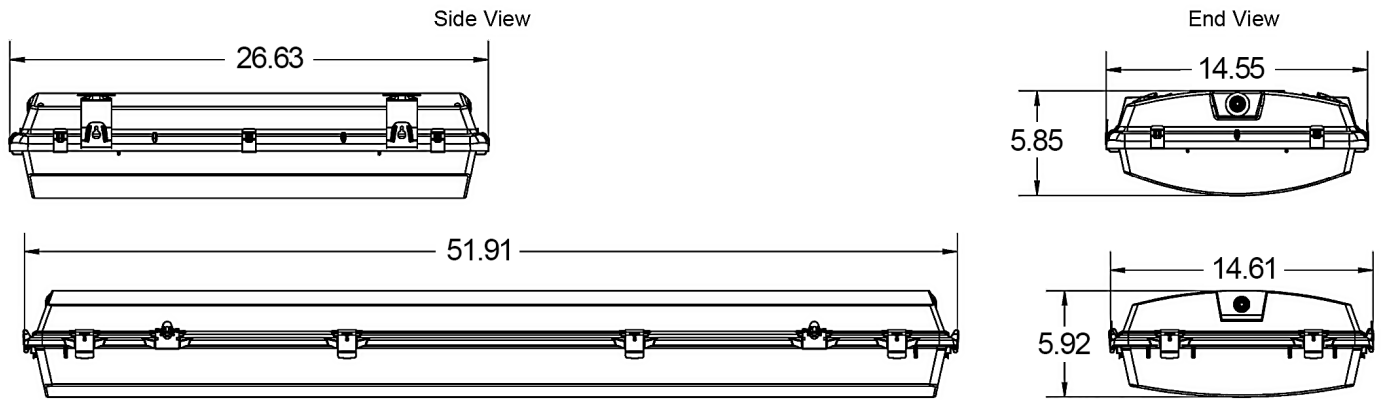
#### Fasteners

H8	Fasteners Stainless
H9	Fasteners Tamperproof

#### Temperature

T0	-40°C LED Components
T1	High Temperature LED Components
V10	Vent Plug

### DIMENSIONS



### SPECIFICATIONS

BLHV Efficiency Wattage Chart

Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt	Size	Lumen Output	Actual Lumen Output	Fixture Wattage	Lumens per Watt
2'	10	9,390	69.1	135.8	4'	20	19,346	136.2	142.0
	12	11,114	80.8	137.5		24	22,898	159.2	143.8
	14	12,875	92.5	139.2		28	26,527	182.1	145.7
	16	14,675	104.1	141.0		32	30,236	205.1	147.4
	18	17,110	122.9	139.2		36	35,250	242.0	145.7
	20	18,981	139.3	136.3		40	39,106	274.4	142.5
	22	20,753	155.8	133.2		44	42,755	306.8	139.4

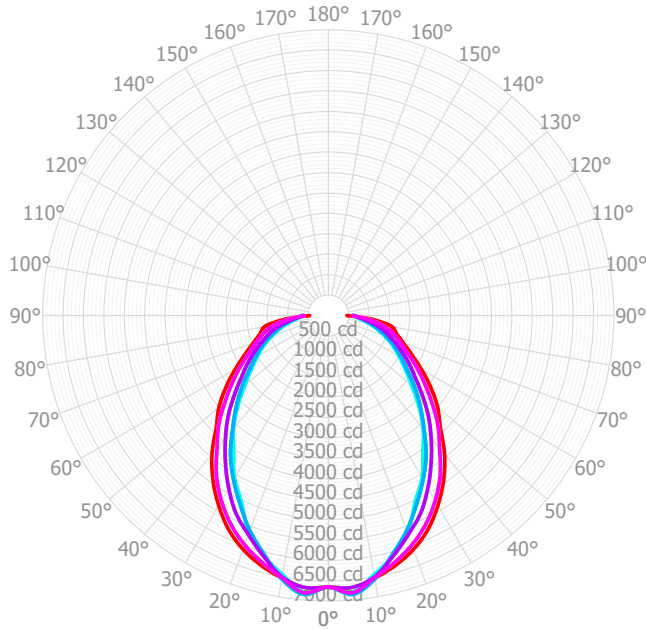
Based on UNV Voltage

Based on 4000K

Based on 80 CRI

### PHOTOMETRICS

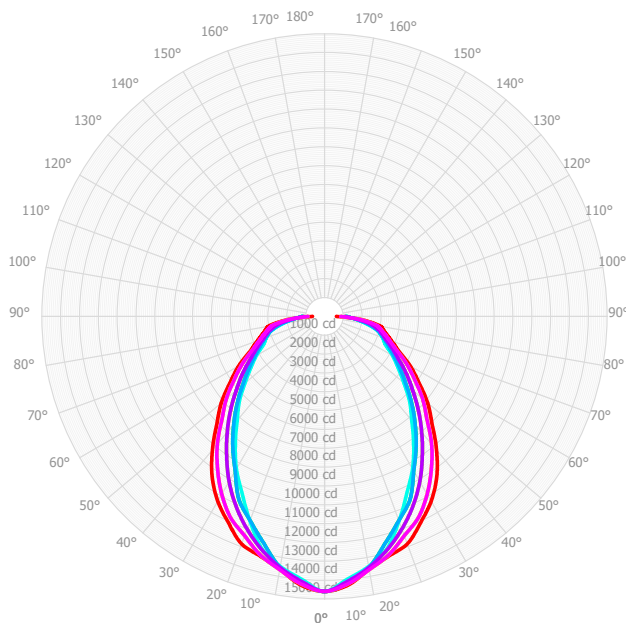
#### BLHV-2'-18L-840



0°-180°	—
22.5°-202.5°	—
45°-225°	—
67.5°-247.5°	—
90°-270°	—
112.5°-292.5°	—
135°-315°	—
157.5°-337.5°	—

Mtg Height	Light Level	Beam Diameter
6.0 ft	184.9 fc	14.7 ft
8.0 ft	104.0 fc	19.6 ft
10.0 ft	66.6 fc	24.5 ft
12.0 ft	46.2 fc	29.4 ft
14.0 ft	34.0 fc	34.3 ft
16.0 ft	26.0 fc	39.2 ft

#### BLHV-2'-36L-840



0°-180°	—
22.5°-202.5°	—
45°-225°	—
67.5°-247.5°	—
90°-270°	—
112.5°-292.5°	—
135°-315°	—
157.5°-337.5°	—

Mtg Height	Light Level	Beam Diameter
6.0 ft	405.5 fc	13.9 ft
8.0 ft	228.1 fc	18.5 ft
10.0 ft	146.0 fc	23.2 ft
12.0 ft	101.4 fc	27.8 ft
14.0 ft	74.5 fc	32.4 ft
16.0 ft	57.0 fc	37.0 ft