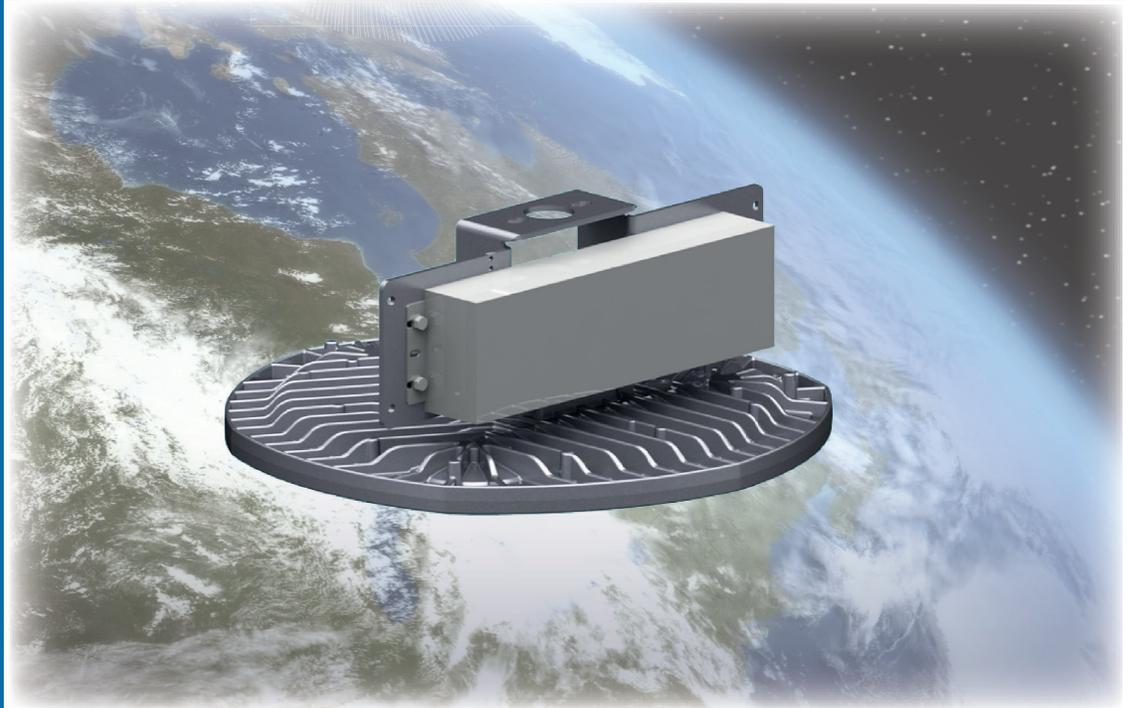




Benefits

- 80% Energy Savings
- Long Life
- Uniform Light Distribution
- Low glare
- Superior CRI
- No Lumen Depreciation
- Constant light intensity throughout temperature range and life
- Universal Input 100-300 Vac
- 50-60 Hz Operation
- Instant ON/OFF
- Cold start
- No audible noise
- Versatile Mounting System
- Greater resistance to shock and vibrations
- RoHS compliant
- Easy Driver Replacement
- Remote control of light intensity
- Occupancy Sensor
- Linear Dimming



Compact Hi-Bay Luminaire

Elumen introduces the LED Compact Hi-Bay luminaire. Featuring its LightSpread technology, and its innovative thermal design it yields best in class light efficiency of over 150 lumens / watt delivered resulting in 80% energy savings. LED arrays are mounted in an engineered geometry to provide a uniform light spread. An innovative thermal design maximizes radiation and natural convection cooling that allows the LEDs to operate at lower temperatures for extended life.

Lightweight design and versatile mounting system, it is ideal for many applications such as warehouse, garage, manufacturing plants, parking, parks, tunnels, cold storage and stores.

High Energy Savings

The Elumen Compact Hi-Bay luminaire results in 80% energy savings compared to traditional HID light sources. This energy conservation is directly related to Light Emitting Diodes technology advancement.

Light Uniformity

In lighting applications, uniformity is more important than absolute intensity. Due to Elumen's unique LED positioning methods, nearly all of the generated light is uniformly distributed over the target area merging perfectly with the adjacent luminaire. Light intensity is uniform throughout the area of illumination, eliminating bright spots typically found under traditional high bay luminaire.

Longevity

The completely sealed casing of the Elumen Compact Hi-Bay minimizes light depreciation from dust and pollution. No need for overlighting an installation to reach the maintained illumination required in the lifespan of the light. The cooling system and smart LED control results in energy optimization and extended life.

Elumen Lighting Networks
6638, Abrams
Saint-Laurent, Québec
H4S 1Y1

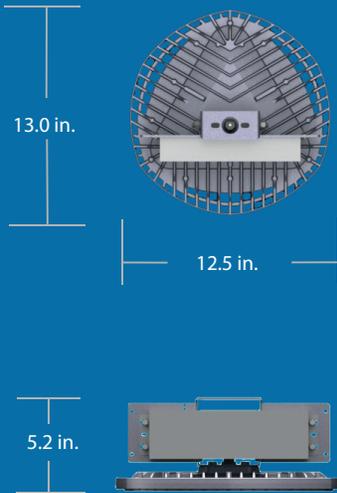
T. 514-876-1010
F. 514-876-1010

www.elumenlighting.com



Technical Data

Dimension



LED MINI HB
Weight: 8.2 lbs (3,7 kg)

Mechanical

Mecanical Mounting	Multipurpose ±90 degrees adjustment
Lens	Acrylic
Casing	Aluminium powder coated
Seal	IP 65
Operating Temperature	-45 °C to 55 °C
Audible noise	0 db
CRI, CCT	80, 5000 °K
Vibrations	ANSI C136.31-2001 for bridges

Electrical

Voltage	100 to 300Vac, 347 Vac, 50 to 60 Hz
Power Factor	> 0.95
Consumption (typical)	100W, 125W, 150W, 175W
Transients	EN 61000-4-5.
EMI/ESD/Immunity	EN 61000-4-2.

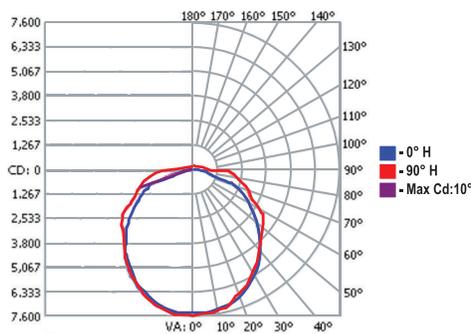
Regulatory Agencies

Canada, USA	CSA C22.2 ,UL1598 for wet areas
RoHS	Yes

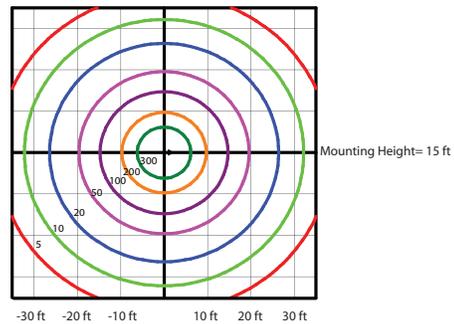
Light Distribution LED COMPACT HB 175W



Polar Candela Distribution



Isolux Plot



Ordering

Series	Color	Power	Color LED	Cable Length	Mounting	LED Driver	Options	Options	Location
CB	G	150	C	6	SB	C	N	X	I
	G=GRAY 100W 125W 150W 175W		C = 5000 °K D = 4500 °K E = 4000 °K F = 3500 °K	X = Length in feet	SB = Swivel Bracket PM = Pendant Mount HM = Hook Mount	C = 100 - 300 Vac D = 295 - 380 Vac	N = No options S = With Occupancy Sensor Input 50% Dimming when no Occupancy T = Embedded Occupancy Sensor R = Real Time Clock (up to 2 periods dimming) L = With AC Linear Dimming Input (10% to 100% intensity) D = 0-10 Vdc Linear Dimming Input (10% to 100% intensity) I = Wireless Remote control		I = Indoor only
	100W : 15,046 lumens 125W : 18,831 lumens 150W : 21,872 lumens 175W : 25,433 lumens								

Elumen reserves the right to change specifications

