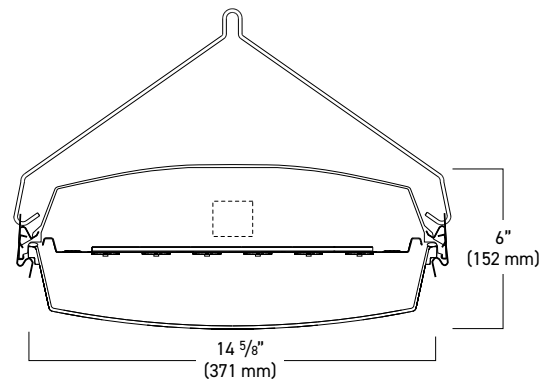


INT-HB

Direct

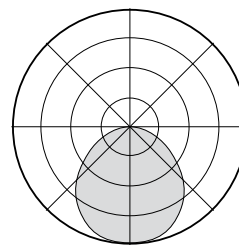
Industrial High Bay

Integral Driver



- Industrial luminaire that provides high performance lighting for cold storage, food processing, parking garages, open exterior structures, commercial and industrial environments.
- Rugged corrosion resistance white housing is comprised of fiberglass reinforced polyester coupled with an acrylic 50/50 DR lens. Stainless steel latches and seamless closed-cell gasket provides a dust tight seal.
- Long-life distributed LED array in a variety of lumen output packages. LED color is available in 3500K, 4000K, or 5000K. Module is replaceable. L90>100,000 hours.
- Standard constant current electronic drive with 0-10V dimming inputs; dimming range from 100% down to 1%.
- ETL listed wet location, conforms to UL Standard 1598 / 8750 and CSA standard C22.2, NSF/ANSI Standard 2, NEMA 4X, IP66 & IP67 rated.
- V-Hook standard. Optional 10' aircraft cable, 3' jack chain or stainless steel surface mounting brackets.

INT-HB (Curved Frosted Lens)
100% Downlight



Light Output and Energy Consumption*

Light Level	lm/ft	Watts/ft	Efficacy
10	2252	22.9	98
15	3378	45.7	74
20	4503	45.7	98
25	5629	57.2	98

ORDERING INFORMATION

SAMPLE NUMBER: INT-HB-20L50-U-D-VH

INT-HB			
SERIES	LUMEN PACKAGE ¹	CRI/ CCT	BATTERY OPTIONS ³
INT-HB - INT high bay industrial luminaire	10 - ~10,000 lm @ 105.2W 15 - ~15,000 lm @ 210.4W 20 - ~20,000 lm @ 210.4W 25 - ~25,000 lm @ 263W XX²	L35 - 3500K L40 - 4000K L50 - 5000K	B10 - 10 Watt Battery Pack (CEC Compliant) B15 - 15 Watt Battery Pack (CEC Compliant) GTD - Generator Transfer Device (120V or 277V) EM - Dedicated Emergency Circuit

Notes:

1. Nominal lumen output for 4000K
2. Consult factory for custom lumen package
3. Consult factory for additional options
4. Luminaire is listed as damp location for these options. Consult factory for wet location with cord

U	D		
VOLTAGE	DRIVER ³	MOUNTING OPTIONS	OPTIONS ³
U - Universal	D - 0-10V, dims to 1%	VH - V-Hook (standard) AC10 - V-Hook with 10' aircraft cable JC3 - V-Hook with 3' jack chain SSB - Stainless steel surface mounting brackets	MLS - Multi-level switching SJT/6' - 6' SJT cord CP3/6' - 6' SJT cord plug CP3/6 (NEMA) - 6' SJT cord plug (NEMA plug designation i.e. CP3/6-(L7-20) OS65 - IP65 rated occupancy sensor HE - (1) 1/2" end hub entry (factory installed) TP - Tamper option (screws for latches) B - Black Housing

PHOTOMETRICS

INT-HB (CURVED FROSTED LENS)

DIRECT DISTRIBUTION

Cat # INT-HB-20L50-U-D-VH

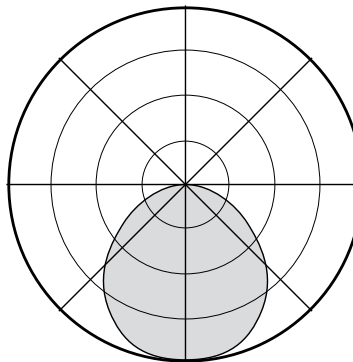
ITL Test #: ITL 85525

Total Delivered Lumens: 19404

Input Watts: 160.4

Efficacy: 121 lm/W

96% Downlight



Luminance Data (CD/SQ.M)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11682	10202	9850
55	10237	8709	9021
65	8726	7410	7921
75	7054	6090	6850
85	4487	4614	5534

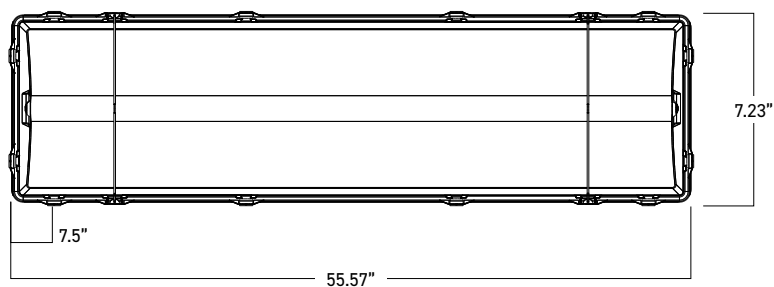
Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30	5144	27
0-40	8350	43
0-60	14345	74
0-90	18615	96
90-120	629	3
90-130	717	4
90-150	783	4
90-180	789	4
0-180	19404	100

MAXIMUM AMBIENT OPERATING TEMPERATURE

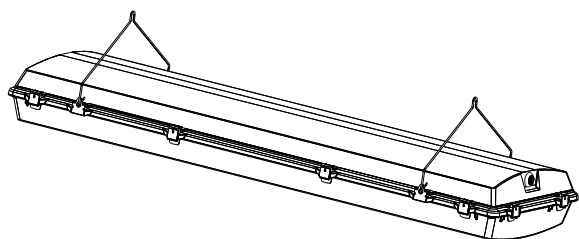
Lumen Package	Operating Temperature
10	115° F
15	93° F
20	77° F
25	68° F

UNIT LENGTHS

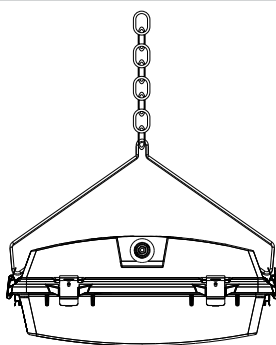


MOUNTING DETAILS

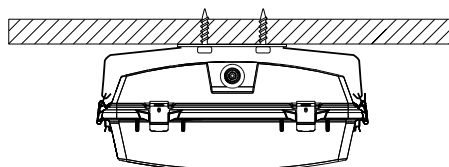
V-HOOK



OPTIONAL 3' JACK CHAIN OR 10' AIRCRAFT CABLE



OPTIONAL STAINLESS STEEL SURFACE MOUNTING BRACKET



Screws provided by others

PRODUCT DETAILS

LIGHT SOURCE LED custom linear array is mounted with quick-connect wiring to facilitate service. Two lumen packages are available for each length. Custom outputs are available. All luminaire configurations tested in accordance with IESNA LM-79. Diodes tested in accordance with IESNA LM-80.

DRIVER Standard constant current integral electronic driver with 0-10V dimming input; dimming range from 100% down to 1%. Consult factory for additional options. Universal (U) voltage.

OPTIONAL BATTERY OPTIONS Recyclable Ni-Cad battery pack, battery run time is 90 minutes. 5W, 7W, 10W, or 12W battery packs are available. Total output is determined by exact efficacy of specific configuration multiplied by battery wattage (i.e. INT-HB-20L50-U-D-VH with a 10W battery pack is a 1,210 battery lumen output). Recharge time of 24 hours.

MOUNTING V-Hook included. Optional 10' aircraft cable, 3' jack chain, or stainless steel surface mounting brackets.

WARRANTY Nulite warrants that its LED luminaires, excluding electrical components, will be free from defects in workmanship and materials for a period of five (5) years from the date of shipment. Refer to the full warranty details on www.nulite-lighting.com.

LUMINAIRE LENGTH 51 15/16". 7 1/2" from end of fixture to mounting support.

WEIGHT ~27 lbs/ft.

INDEPENDENT TESTING

IESNA LM79 - Testing method for the Electrical and Photometric Measurements of Solid State Lighting on the complete system, such as luminous flux, electrical power, luminous intensity distribution, and various properties of chromaticity.

IESNA LM80 - Testing method for measuring lumen maintenance of LED light sources, applies to the LED package, array or module alone, not the complete system.