



H2-SERIES HIGH BAY LED FIXTURE – AC_{in}

ON/OFF, Low Profile Ultra High Lumen LED Fixture

Fully Integrated LED Light Fixture, 100 watts

Item Code:	Type
Project:	
Comments:	Date
Prepared by:	

FEATURES & BENEFITS

Ideal solution for high ceiling lighting spaces including industrial warehousing, storage facilities, airport hangers or any other area requiring high lumen, high product reliability.

SPECIFICATIONS & FEATURES

OVERVIEW – This high performance, high lumen fixture with dimming makes this an ideal fixture for retro-fitting high wattage incandescent or fluorescent lamps form 8 – 24 feet ceiling heights.

WHERE TO USE – Interior or exterior under covered surface, new construction and/or retro-fit installations where surface mount lighting is required. Install in RM, NC, IC, ICAT & Fire Rated applications.

TYPICAL APPLICATIONS – Commercial, industrial and hospitality applications where general illumination is required. Examples include; warehouses, storage facilities, ballrooms, theatres, atriums, garages, porte-cochere & more.

DESIGN & CONSTRUCTION – Patented low profile planer design utilizing Light Forward Heat Forward thermal management. 100% aluminum with 40% recycled content. Fixture is recyclable. Durable powder coated finish.

MOUNTING/INSTALLATION – *New Construction & Retrofit:* May be mounted into any standard 1900 (4S) or octagonal junction box; chain mounted, or can be pendant mounted using rigid metal conduit or equivalent into 1900 (4S) or Octagonal J-Box.

INSTANT ON/OFF – Events start on time, end on time with the ability to turn on/off these fixtures on-demand and as needed saving further energy costs.

DRIVEN BY PowerBalance[®] Technology – This light incorporates a non-power factor corrected LED power supply yielding over 99% efficiency. This fixture actually improves the power grid distribution efficiency through is capacitive load while additionally lowering power factor billing charges as applicable to the facility owner.

LISTINGS & COMPLIANCE – UL1598 surface mount listed Canada & US (ETL label). RoHS compliant.

FIXTURE WEIGHT – under 10.0 lbs (including mounting)

WARRANTY – 5 year limited warranty, both LED and driver. Full warranty details available at www.silescents.com

MADE IN USA – Both driver and fixture are designed, engineered and manufactured by Silescents Lighting in Ft. Lauderdale FL (ARRA & NAFTA compliant).



J-Box Mounting with Diffuser Shown

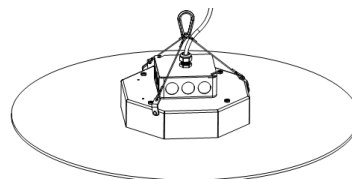
ELECTRICAL DATA

• Operating Temp:	-40°C to +75°C		
• Ambient Temp:	<35°C		
• Nominal Voltage:	120/208/277 VAC _{in} (specify)		
• Operating Voltage:	120 – 285VAC, 50 / 60 Hz <u>@120VAC @208VAC @277VAC</u>		
• Leading Reactive:	131 VAR	242VAR	308VAR
• Breaker Power:	165VA	262VA	322VA
• Nominal Current(RMS)	1.42A	1.25A	1.45A
• Power Factor: (capacitive)	.61	.37	.3

MOUNTING OPTIONS:

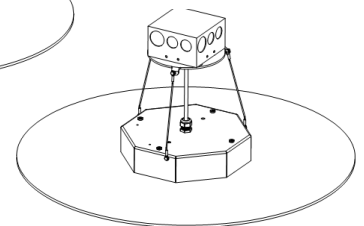
Standard Chain Mounting:

- Chain not included.
- Accommodates Hook and Loop Mounting.
- H224C01PD350HD3100c



Optional J-Box Mount Kit

- Accommodates rigid pipe pendant mount
- H224C01PD350HD3100j



OPTIONS

FINISH – Powder Coat Finish Standard. Custom colors available (RAL).

WATTAGE LEVELS – Standard 100watt product. Custom wattages or lumen levels available upon request.

LAMP TEMPERATURES (CCT) – 2700, 3000, 3500, & 4000 Kelvin (CRI>80), 5000 Kelvin (65CRI), (5000 Kelvin, CRI>80 available upon request).

OPTICS – Diffused optic provides wide area dispersion, 170 degree beam spread. MR6 optic provides 60 degree cutoff.

ORDERING INFORMATION

Sample Number: H224C01PD350HD3100c

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels	Mount
H4	24	C01	PD3	50	HD3	100	c
H2 - 100w HighBay	24 - 24in Diameter	C01 - PC-White C08 - PC-Black	PA3 - 120VAC _{in} , On/Off PB3 - 208VAC _{in} , On/Off PD3 - 277VAC _{in} , On/Off	51 - 5000K (80CRI) 50 - 5000K (65CRI) 40 - 4000K (80CRI) 35 - 3500K (80CRI) 30 - 3000K (80CRI) 27 - 2700K (80CRI)	HD3 - 8in Diffuser MR6 - 60° Cutoff	100 - 100 watts	c - Chain j - J-Box Mnt

