



INDOOR LIGHTING

LED TROFFER 5CCT + 5 POWER

2X2 & 2X4 | UP TO 130 LM/W | 0-10V DIMMING

ONE PLATFORM. MULTIPLE OUTPUTS.

Selectable wattage and color temperature for offices, classrooms, healthcare and retail spaces.

H2LIGHTING.NET





5CCT + 5-Power LED Troffer

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

INDOOR LIGHTING



CONFIGURABLE COMFORT

A recessed center-basket troffer with five field-selectable wattage settings and five selectable color temperatures. The polycarbonate diffuser provides uniform illumination with reduced glare.

CORE SPECIFICATIONS

EFFICACY

Up to 130 lm/W

CRI

Ra >80

CCT

3000K / 3500K / 4000K / 5000K / 6500K

DIMMING

0-10V

INPUT

120-277 VAC

POWER FACTOR

>0.95 at full load

THD

<20% at full load

RATED LIFE

54,000 hours at 25°C / 77°F

TEMPERATURE

-22°F to 104°F (-30°C to 40°C)

RECOMMENDED APPLICATIONS



Offices



Education



Healthcare



Retail



Commercial



Institutional



MODEL CONFIGURATIONS

Two fixture sizes, each with five power levels and five selectable CCT settings.

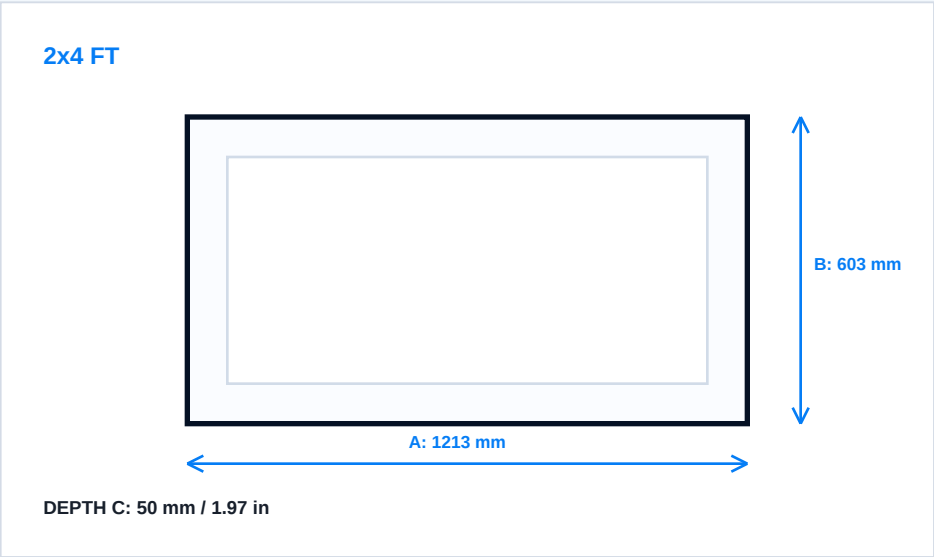
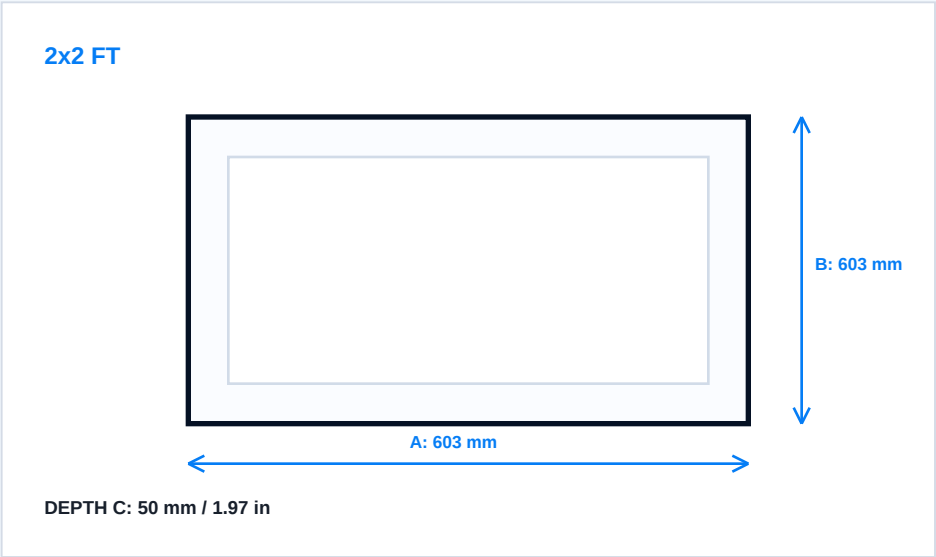
H2 REFERENCE	SIZE	SELECTABLE POWER	SELECTABLE CCT	EFFICACY	DIMMING
H2-TR5-2240	2x2 ft	20 / 25 / 30 / 35 / 40W	3000 / 3500 / 4000 / 5000 / 6500K	130 lm/W	0-10V
H2-TR5-2472	2x4 ft	30 / 40 / 50 / 60 / 72W	3000 / 3500 / 4000 / 5000 / 6500K	130 lm/W	0-10V

CONSTRUCTION & MOUNTING

HOUSING	LENS	MOUNTING	CONTROLS
White high-strength metal frame with a clean recessed profile.	Polycarbonate diffuser supports uniform illumination and reduced glare.	Recessed installation in conventional grid ceilings.	Field-selectable power and CCT; optional microwave sensing and Bluetooth control.



PRODUCT DIMENSIONS



ELECTRICAL PERFORMANCE

OPERATING RANGE

-22°F to 104°F (-30°C to 40°C)

RATED LIFE

54,000 hours at 25°C / 77°F

POWER FACTOR

>0.95 at full load

THD

<20% at full load

DIMMING

0-10V

INPUT VOLTAGE

120-277 VAC



FIVE POWER SETTINGS

2x2 TROFFER

20W	25W	30W	35W	40W
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2x4 TROFFER

30W	40W	50W	60W	72W
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FIVE COLOR TEMPERATURES

3000K	3500K	4000K	5000K	6500K
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CONTROL OPTIONS

STANDARD	0-10V dimming	OPTIONAL	Microwave motion sensing	OPTIONAL	Bluetooth control
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SENSOR PERFORMANCE

Optional plug-and-play motion sensing with remote or Bluetooth configuration.

PARAMETER	VALUE	PARAMETER	VALUE
Frequency	5.8 GHz +/-75 MHz	Microwave power	<0.3 mW
Maximum mounting height	6 m / 19.68 ft	Detection distance	3 m / 9 ft minimum
Detection angle	30-150°	Detection area	25% / 50% / 75% / 100%
Standby dimming	10% / 20% / 30% / 50%	Wireless range	>20 m / 65 ft (Bluetooth)
Working temperature	-40°F to 140°F (-40°C to 60°C)	Storage temperature	-40°F to 176°F (-40°C to 80°C), 85% RH non-condensing

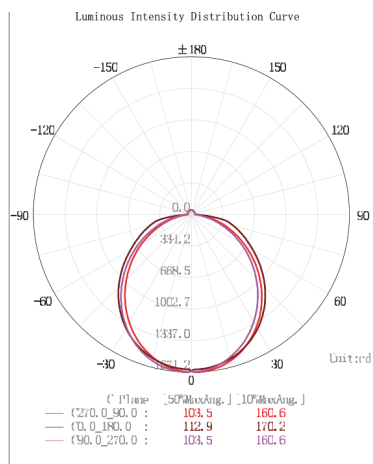
ADJUSTABLE FUNCTIONS

Detection area	Hold time	Daylight threshold	Standby period	Standby dimming	Dusk/dawn sensing
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2x2 & 2x4 DISTRIBUTION

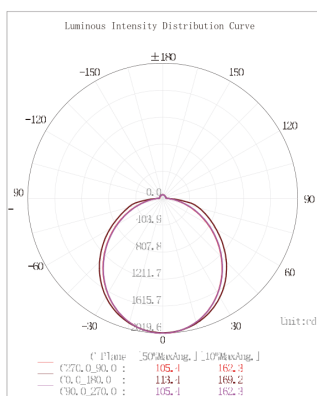
Luminous-intensity distribution curves and vertical isolux plots from the supplied photometric data.

2x2 FT

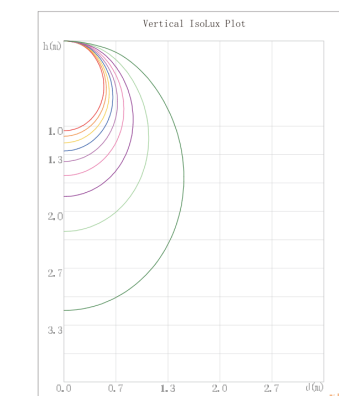


2x4 FT

LUMINOUS INTENSITY DISTRIBUTION DIAG



M(2x4FT)





EXTERIOR LIGHTING

TUNABLE LED WALL PACK

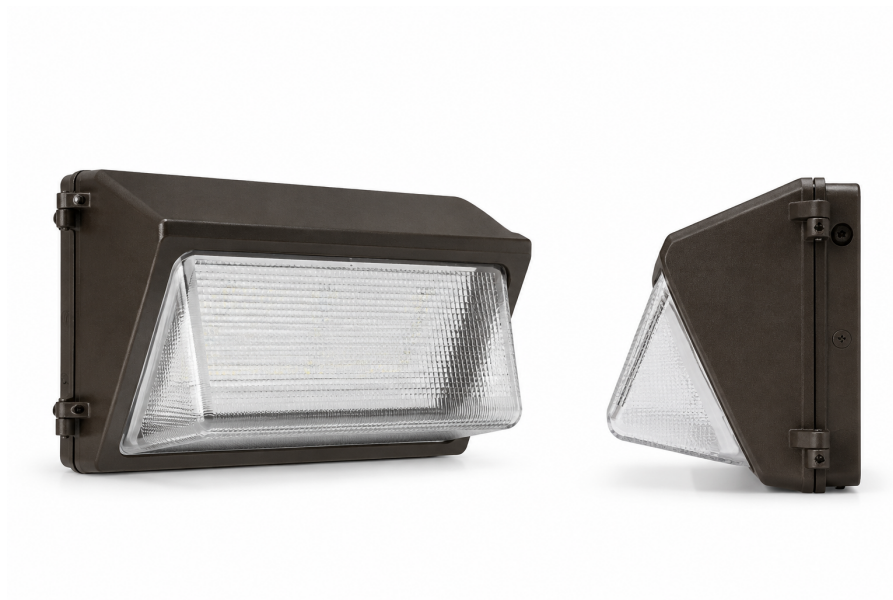
40W TO 120W | UP TO 130 LM/W | IP65

SELECTABLE OUTPUT. DURABLE HOUSING.

Compact dark-bronze wall pack for security, parking and commercial exterior applications.

H2LIGHTING.NET





COMPACT EXTERIOR PLATFORM

A die-cast aluminum wall pack with dark-bronze powder coating, prismatic polycarbonate lens and an accessible wiring compartment. Selectable-output models reduce the number of stocked configurations.

CORE SPECIFICATIONS

OUTPUT RANGE

40W-120W

EFFICACY

Up to 130 lm/W

INPUT

100-277 VAC; 347-480 VAC on select driver

CRI

>70

CCT

2700K / 3000K / 4000K / 5000K / 5700K / 6500K

INGRESS RATING

IP65 wet location

RATED LIFE

50,000 hours

TEMPERATURE

-40°C to 40°C (-40°F to 104°F)

CONTROLS

Power selection; optional photocell

APPLICATIONS

● Parking lots

● Rail & metro

● Warehouses

● Industrial sites

● Sports facilities

● Security lighting



NON-ISOLATED DRIVER

Common performance: >130 lm/W | 100-277 / 347-480 VAC | PF >0.9 | CRI >70

H2 REFERENCE	SELECTABLE POWER	LUMINOUS OUTPUT
H2-WP-40-I1	40W	5,200 lm
H2-WP-60-I1	60W	7,800 lm
H2-WP-80-I2	40 / 60 / 80W	5,200 / 7,800 / 10,400 lm
H2-WP-100-I2	60 / 80 / 100W	6,500 / 10,400 / 13,000 lm
H2-WP-120-I3	80 / 100 / 120W	6,500 / 13,000 / 15,600 lm

SELECTABLE COLOR TEMPERATURE

2700K	3000K	4000K	5000K	5700K	6500K
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IC DRIVER

Common performance: >115 lm/W | 100-277 VAC | PF >0.9 | CRI >70

H2 REFERENCE	SELECTABLE POWER	LUMINOUS OUTPUT
H2-WP-40-I1	40W	4,600 lm
H2-WP-60-I1	60W	6,900 lm
H2-WP-80-I2	40 / 60 / 80W	4,600 / 6,900 / 9,200 lm
H2-WP-100-I2	60 / 80 / 100W	5,750 / 9,200 / 11,500 lm
H2-WP-120-I3	80 / 100 / 120W	5,750 / 11,500 / 13,800 lm

SELECTABLE COLOR TEMPERATURE

2700K

3000K

4000K

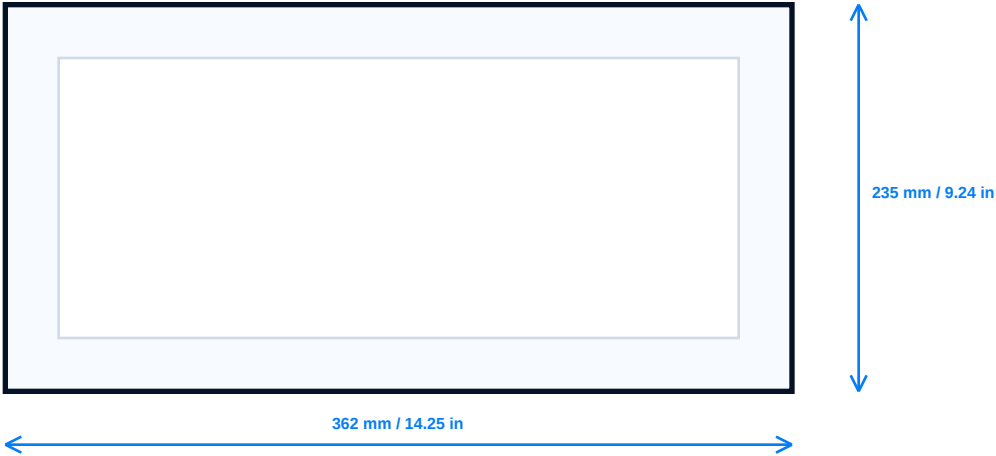
5000K

5700K

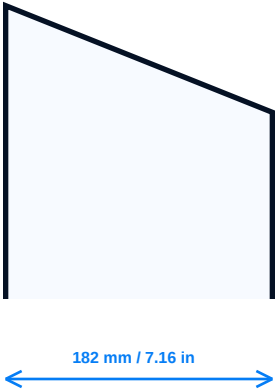
6500K

FIXTURE ENVELOPE

FRONT VIEW



SIDE VIEW



BACKPLATE & ENTRY POINTS

BACKPLATE WIDTH

280 mm / 11.02 in

BACKPLATE HEIGHT

185 mm / 7.28 in

INNER WIDTH

332 mm / 13.06 in

MOUNTING HOLES

3 x 7.89 mm / 0.31 in

CONDUIT ENTRIES

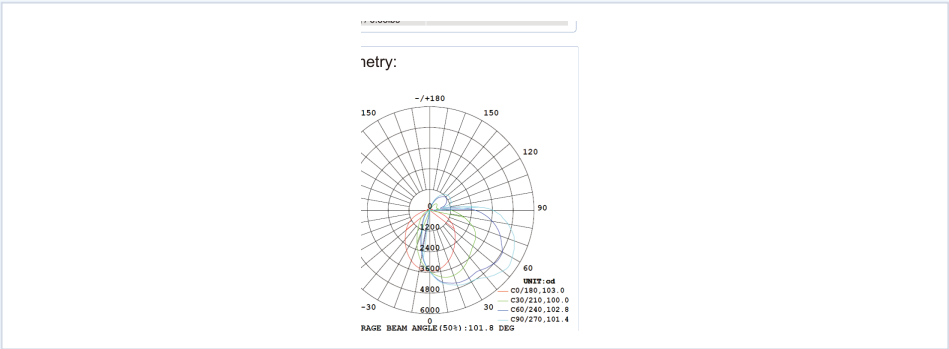
4 x 1/2-in NPT



CONSTRUCTION & OPTIONS

HOUSING	Die-cast aluminum with dark-bronze powder-coated finish.	LENS	Prismatic polycarbonate lens.	OUTPUT	40W and 60W fixed-output models; three selectable-output families.
PHOTOCELL	Optional field-installed photocell.	LOCATION	IP65 construction for wet and damp exterior locations.	AMBIENT	Rated from -40°C to 40°C (-40°F to 104°F).

PHOTOMETRIC DISTRIBUTION



APPLICATION GUIDANCE
Full-cutoff distribution directs illumination toward the ground plane for wall-mounted security and area lighting. Confirm project spacing and mounting height using the applicable photometric file.



LIFE-SAFETY SERIES

EXIT & EMERGENCY LED LIGHTING

Reliable code-compliant illumination for commercial and industrial facilities

120/277VAC

90+ MINUTES

RED / GREEN

5-YEAR WARRANTY



90+ MIN
BACKUP TIME



H2 LIGHTING PRODUCT CATALOG

Exit signs and emergency luminaires with battery backup.

PRECISION. PERFORMANCE. QUALITY.

Exit Sign Series

Red and green legends with integrated battery backup and universal input voltage.

CL-EXIT837

CL-EXIT837R (red) | CL-EXIT837G (green)



UL LISTED | 5-YEAR WARRANTY

PRODUCT FEATURES

- Wall, ceiling and end mounting
- 120/277VAC, 60Hz input
- Super-bright SMD LED
- Nickel-cadmium battery: 350mAh
- Backup time: at least 90 minutes
- Injection-molded thermoplastic ABS housing
- UL-94V-0 flame rating; fire-retardant

PACKING & LOGISTICS

CARTON	PACK	GROSS / NET
39 x 32.5 x 39.5 cm	12 pcs/carton	13.70 / 13.20 kg

CL-EXIT827

CL-EXIT827R (red) | CL-EXIT827G (green)



UL LISTED | 5-YEAR WARRANTY

PRODUCT FEATURES

- Wall and ceiling mounting
- 120/277VAC, 60Hz input
- Super-bright SMD LED: 2 x 1W
- Two 3.6V 1000mAh Ni-Cd batteries
- Backup time: at least 90 minutes
- Insulation Class II; coverage up to 80 m2

PACKING & LOGISTICS

CARTON	PACK	GROSS / NET
46.5 x 35.5 x 35 cm	4 pcs/carton	8.80 / 8.20 kg

Emergency Lighting Series

Dual-head emergency luminaires for wall or ceiling mounting.

CL-EM812

ROUND DUAL-HEAD EMERGENCY LIGHT



PRODUCT FEATURES

- Wall and ceiling mounting
- 120-277VAC, 60Hz input
- Super-bright SMD LED: 2 x 1.2W
- 3.6V 1000mAh nickel-cadmium battery
- Backup time: at least 90 minutes
- Insulation Class II; coverage up to 80 m2

UL LISTED | 5-YEAR WARRANTY

PACKING & LOGISTICS

CARTON	PACK	GROSS / NET
43 x 27.5 x 24 cm	10 pcs/carton	4.80 / 4.50 kg

CL-EM805

RECTANGULAR DUAL-HEAD EMERGENCY LIGHT



PRODUCT FEATURES

- Wall and ceiling mounting
- 120/277VAC, 60Hz input
- Super-bright SMD LED: 2 x 1.2W
- 3.6V 1000mAh nickel-cadmium battery
- Backup time: at least 90 minutes
- Insulation Class II; coverage up to 80 m2

UL LISTED | 5-YEAR WARRANTY

PACKING & LOGISTICS

CARTON	PACK	GROSS / NET
39 x 29 x 33 cm	8 pcs/carton	6.90 / 6.40 kg

Select the Right Life-Safety Fixture

All models feature automatic battery backup, test controls and rapid transfer to emergency mode.

CL-EXIT837

EXIT SIGN



CONFIGURATION	Red / green
INPUT	120/277VAC
BATTERY	350mAh
BACKUP	90+ min
MOUNTING	Wall / ceiling / end
PROTECTION	IP20
WARRANTY	5 years

CL-EXIT827

EXIT + HEADS



CONFIGURATION	Red / green
INPUT	120/277VAC
BATTERY	2 x 3.6V 1000mAh
BACKUP	90+ min
MOUNTING	Wall / ceiling
PROTECTION	IP20
WARRANTY	5 years

CL-EM812

EMERGENCY LIGHT



CONFIGURATION	Dual round heads
INPUT	120-277VAC
BATTERY	3.6V 1000mAh
BACKUP	90+ min
MOUNTING	Wall / ceiling
PROTECTION	IP20
WARRANTY	5 years

CL-EM805

EMERGENCY LIGHT



CONFIGURATION	Dual rectangular heads
INPUT	120/277VAC
BATTERY	3.6V 1000mAh
BACKUP	90+ min
MOUNTING	Wall / ceiling
PROTECTION	IP20
WARRANTY	5 years

UL LISTED

90+ MIN BACKUP

0C TO 40C

Confirm local code requirements, mounting configuration and legend color before ordering.



COMMERCIAL LINEAR SERIES

POWER & CCT TUNABLE LED STRIP LIGHT

Versatile linear lighting for retail, commercial and industrial interiors

4FT / 8FT

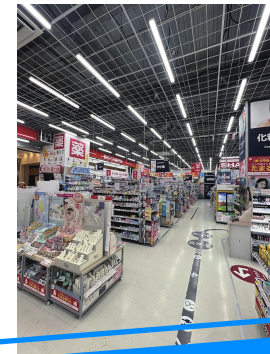
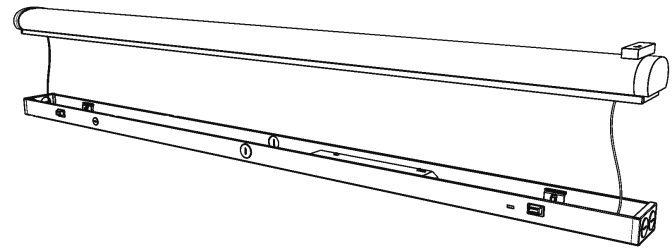
140 LM/W

5-CCT

5-YEAR WARRANTY

140

LUMENS / WATT



H2 LIGHTING PRODUCT CATALOG

Selectable wattage, selectable CCT and multiple mounting methods.

PRECISION. PERFORMANCE. QUALITY.



LED Linear Strip Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

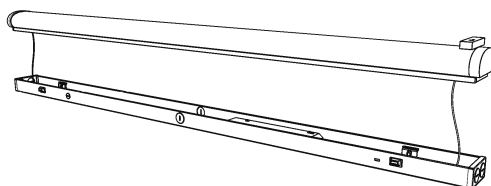
PRODUCT OVERVIEW & SPECIFICATIONS

Two Lengths. One Flexible Platform.

Field-selectable output and color temperature simplify stocking, installation and future changes.

CL-ST440W-L-H

4FT



SELECTABLE POWER 30 / 35 / 40W

INPUT 120-277VAC

DIMMING 0-10V

POWER FACTOR >0.9

EFFICACY 140 lm/W

CRI Ra 80

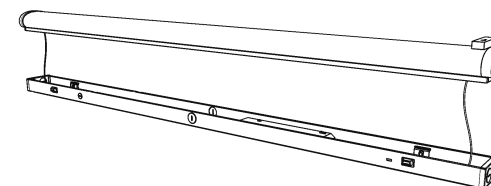
CCT 3500/4000/5000/5700/6500K

DIMENSIONS 48.03 x 2.95 x 2.99 in | 1220 x 75 x 76 mm

ETL / DLC LISTED | 5-YEAR WARRANTY

CL-ST880W-L-H

8FT



SELECTABLE POWER 60 / 70 / 80W

INPUT 120-277VAC

DIMMING 0-10V

POWER FACTOR >0.9

EFFICACY 140 lm/W

CRI Ra 80

CCT 3500/4000/5000/5700/6500K

DIMENSIONS 95.98 x 2.95 x 2.99 in | 2438 x 75 x 76 mm

ETL / DLC LISTED | 5-YEAR WARRANTY



LED Linear Strip Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

TUNABILITY & MOUNTING

Configure the Light at Installation

Internal selector switches provide three wattage levels and five color-temperature settings.

POWER TUNABLE

SELECT OUTPUT TO MATCH THE APPLICATION

4FT

30W

35W

40W

8FT

60W

70W

80W

CCT TUNABLE

FIVE FIELD-SELECTABLE COLOR TEMPERATURES



3500K



4000K



5000K



5700K



6500K

Installation Options

1

SURFACE MOUNTED

Direct-to-ceiling or wall mounting

2

SUSPENDED

Aircraft-cable suspension

3

RECESSED

Integrated architectural installation

4

CONTINUOUS ROW

Optional end-to-end connection



LED Linear Strip Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

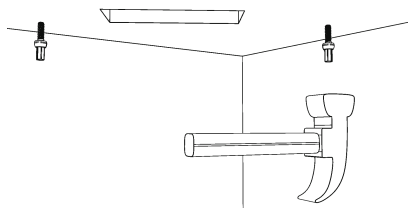
SURFACE-MOUNTED INSTALLATION

Surface Mounting

Turn off power and use qualified personnel for all electrical work.

1

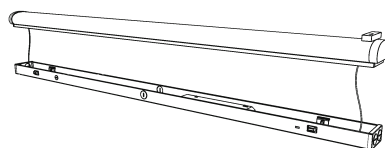
Set anchors



Drill mounting holes and install suitable anchors.

2

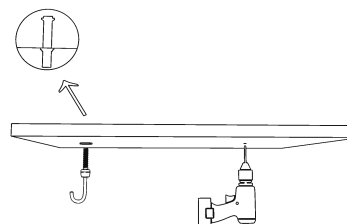
Open housing



Press the release button and lower the PC housing.

3

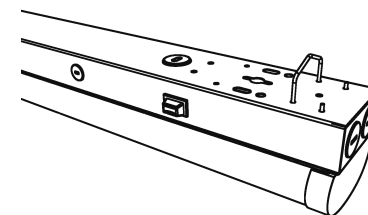
Fasten fixture



Align the base with the anchors and secure it with screws.

4

Wire and select



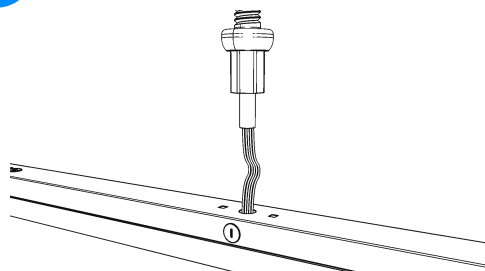
Connect line, neutral and ground; set wattage and CCT switches.

BLACK = LINE | WHITE = NEUTRAL | GREEN = GROUND | INPUT 120-277VAC

Suspension Mounting

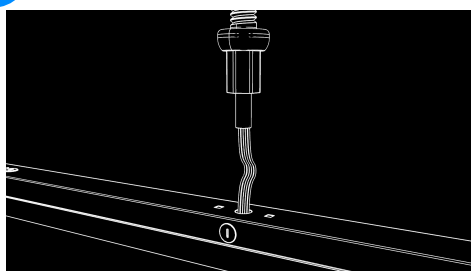
Support the luminaire with rated hooks, safety cables and approved suspension hardware.

1 Drill ceiling



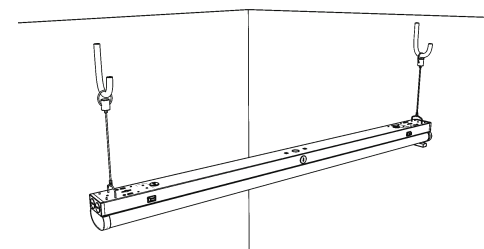
Drill two holes and install the suspension hooks.

2 Install hooks



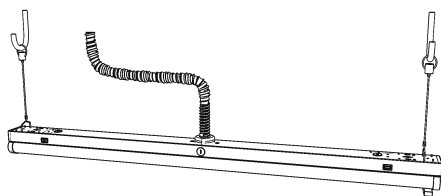
Seat and secure both hooks in the ceiling.

3 Attach cables



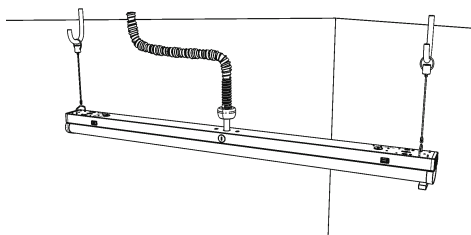
Connect the safety ropes to the hooks and fixture.

4 Make wiring



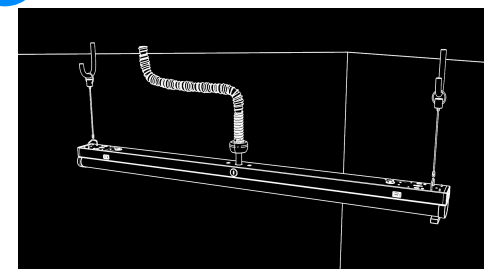
Turn off power and complete terminal-cap connections.

5 Stow wiring



Insert the terminal block and wires into the strip.

6 Close entry

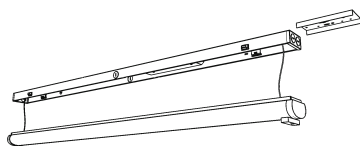


Insert and secure the wire-terminal joint at the entry.

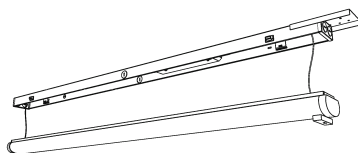
Connection and Emergency Options

Optional hardware supports continuous rows; an emergency LED driver can provide backup operation.

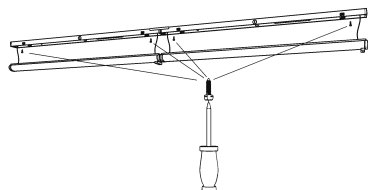
CONTINUOUS-ROW CONNECTION



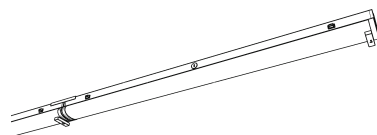
1. Mount bracket



2. Join fixtures



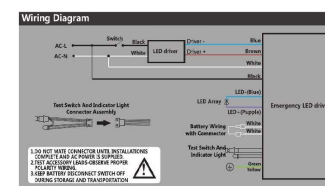
3. Parallel wiring



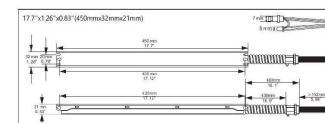
4. Close housing

OPTIONAL EMERGENCY LED DRIVER

Emergency LED Driver



Dimensions



DIMENSIONS

17.7 x 1.26 x 0.83 in | 450 x 32 x 21 mm

FUNCTION

Automatic emergency operation after AC loss

CONTROLS

Test switch and charge indicator

OPTIONAL ACCESSORY - CONFIRM PROJECT COMPATIBILITY



Logistics and Installation Requirements

Packaging data and safety information extracted from the product specification.

PACKING & CONTAINER LOADING

MODEL	OUTER CARTON		QTY	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
CL-ST440W-L-H	1230 x 234 x 242 mm		9 pcs	1.5 kg / 3.31 lb	15.3 kg / 33.73 lb	3,600	8,496
CL-S	160 x 165 mm		4 pcs	2.8 kg / 6.17 lb	13.2 kg / 29.1 lb	1,664	3,928

Operating Limits

OPERATING TEMPERATURE -4F to 104F	STORAGE TEMPERATURE -22F to 140F	INPUT VOLTAGE 120-277VAC	WARRANTY 5 years
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Important Safety Requirements

- Installation and maintenance must be completed by qualified electricians or professionals.
- Disconnect power before installation or maintenance.
- Do not cover the fixture with thermally insulating material.
- Keep the fixture dry, clean and away from corrosive substances.



SEALED LINEAR SERIES

LED VAPOR-TIGHT LUMINAIRE

Uniform high-efficiency lighting for wet and harsh environments

24W-95W

135+ LM/W

100-277VAC

5-YEAR WARRANTY



50K
RATED HOURS



H2 LIGHTING PRODUCT CATALOG

Seven configurations for ceiling or suspended mounting.

PRECISION. PERFORMANCE. QUALITY.



LED Vapor-Tight Luminaire

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

PRODUCT OVERVIEW & COMMON DATA

Built for Wet and Demanding Spaces

A sealed aluminum-and-PC platform with stainless-steel clips and an integrated LED driver.



UL / cUL

FCC

50,000 HRS

COMMON TECHNICAL DATA

INPUT VOLTAGE	AC100-277V	POWER FACTOR	≥ 0.95
FREQUENCY	50/60Hz	EFFICACY	135+ lm/W
BEAM ANGLE	120 degrees	OPERATING TEMP	-30C to 50C
CRI	>80	HOUSING	Aluminum + PC

Product Advantages



MOUNTING

Suitable for ceiling mounting or suspended mounting.



HARSH LOCATIONS

Designed for high-moisture and demanding environments.



OPTICS

Excellent light distribution and uniformity with optional impact-resistant DR lens additive.



CONSTRUCTION

Stainless-steel clips, integrated constant-current driver and efficient SMT 2835 LED module.



LED Vapor-Tight Luminaire

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

LOW & MID OUTPUT MODELS

24W-48W Vapor-Tight Models

Select the output and form factor that best fits the application.

STP8132-24W

24W



DELIVERED LIGHT **3,503 lm**

DIMENSIONS **126.8 x 10 x 11.5 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY

STPA124-24W

24W



DELIVERED LIGHT **3,509 lm**

DIMENSIONS **123.2 x 8.5 x 7.1 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY

STP8332-35W

35W



DELIVERED LIGHT **4,918 lm**

DIMENSIONS **126.8 x 16.5 x 11.5 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY

STP8417-48W

48W



DELIVERED LIGHT **6,821 lm**

DIMENSIONS **66.8 x 44.1 x 11.5 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY



LED Vapor-Tight Luminaire

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

HIGH OUTPUT MODELS

50W-95W Vapor-Tight Models

Select the output and form factor that best fits the application.

STPA224-50W

50W



DELIVERED LIGHT **6,843 lm**

DIMENSIONS **123 x 10.4 x 7.8 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY

STP8332-72W

72W



DELIVERED LIGHT **10,214 lm**

DIMENSIONS **127 x 26.4 x 11.5 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY

STP8432-95W

95W



DELIVERED LIGHT **13,254 lm**

DIMENSIONS **127 x 44.1 x 11.5 cm**

VOLTAGE **AC100-277V**

CCT **2700K-5700K**

CRI **>80**

LIFE **50,000 hours**

5-YEAR WARRANTY



LED Vapor-Tight Luminaire

H2 LIGHTING PRODUCT SPECIFICATION

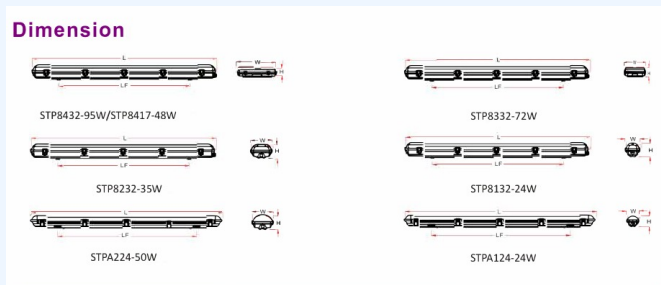
PRECISION. PERFORMANCE. QUALITY.

DIMENSIONS, ORDERING & WARRANTY

Selection and Ordering Guide

Use the model table, housing family and wattage designation to configure the project fixture.

FIXTURE DIMENSIONS



ORDERING STRUCTURE

CL-ZY / STPA-STP / WATTAGE

SERIES HOUSING FAMILY OUTPUT

Available outputs: 24W, 35W, 48W, 50W, 72W and 95W.
Confirm exact model, housing style and dimensions
before ordering.

Series-Wide Performance

EFFICACY

135+ lm/W

COLOR RANGE

2700K-5700K

BEAM ANGLE

120 degrees

RATED LIFE

50,000 hours

H2 LIGHTING 5-YEAR LIMITED WARRANTY

This product is covered for five years from the date of purchase when installed and operated correctly. Coverage excludes improper installation, tampering, removed quality-control labels, unsuitable operating environments, or installation that does not follow applicable electrical codes. Warranty service is subject to return and verification of the faulty unit; installation labor is not included.



COMMERCIAL PANEL SERIES

POWER & CCT TUNABLE BACK-LIT LED PANEL

Flexible, efficient illumination for offices, schools and healthcare spaces

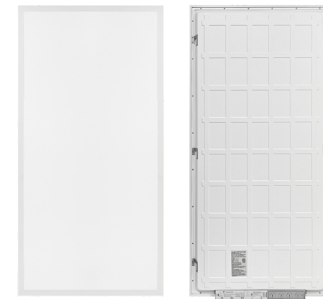
20W-72W

UP TO 130 LM/W

120-277VAC

5-YEAR WARRANTY

5 CCT
SELECTABLE



H2 LIGHTING PRODUCT CATALOG

Three form factors with optional microwave sensing and Bluetooth control.



Back-Lit LED Panel Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

PRODUCT OVERVIEW & COMMON DATA

Selectable Performance for Modern Interiors

One platform delivers five wattage settings, five color temperatures and optional smart sensing.



COMMON TECHNICAL DATA

INPUT VOLTAGE	120-277VAC	THD	<15% full load
EFFICACY	Up to 130 lm/W	DIMMING	0-10V
CRI	Ra >80	OPERATING TEMP	-30C to 40C
POWER FACTOR	>0.95	RATED LIFE	>54,000 hours

Product Advantages



VISUAL COMFORT

Smooth, uniform illumination helps prevent hot spots, shadows and glare.



APPLICATIONS

Designed for education, healthcare, office, retail and institutional spaces.



CONSTRUCTION

White high-strength metal frame with PMMA lens and polystyrene diffuser.



CONTROLS

Optional plug-and-play microwave sensor, remote control and Bluetooth app control.



Back-Lit LED Panel Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

MODELS, DIMENSIONS & SELECTION

Three Sizes. Multiple Outputs. One Platform.

Select the form factor, then set the desired wattage and color temperature in the field.

H2-BPL-22-40W

2 x 2 ft



SELECTABLE POWER

20 / 25 / 30 / 35 / 40W

SELECTABLE CCT

3000 / 3500 / 4000 / 5000 / 6500K

DIMENSIONS

23.74 x 23.74 x 1.38 in

INPUT

120-277VAC

EFFICACY

Up to 130 lm/W

DIMMING

0-10V

5-YEAR WARRANTY

H2-BPL-14-40W

1 x 4 ft



SELECTABLE POWER

20 / 25 / 30 / 35 / 40W

SELECTABLE CCT

3000 / 3500 / 4000 / 5000 / 6500K

DIMENSIONS

47.75 x 11.93 x 1.38 in

INPUT

120-277VAC

EFFICACY

Up to 130 lm/W

DIMMING

0-10V

5-YEAR WARRANTY

H2-BPL-24-72W

2 x 4 ft



SELECTABLE POWER

30 / 40 / 50 / 60 / 72W

SELECTABLE CCT

3000 / 3500 / 4000 / 5000 / 6500K

DIMENSIONS

23.74 x 47.75 x 1.38 in

INPUT

120-277VAC

EFFICACY

Up to 130 lm/W

DIMMING

0-10V

5-YEAR WARRANTY



Back-Lit LED Panel Light

H2 LIGHTING PRODUCT SPECIFICATION

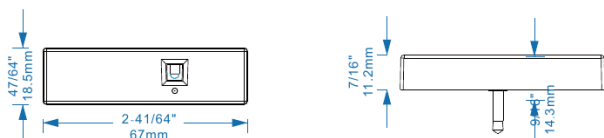
PRECISION. PERFORMANCE. QUALITY.

OPTIONAL SENSOR & CONTROL PACKAGE

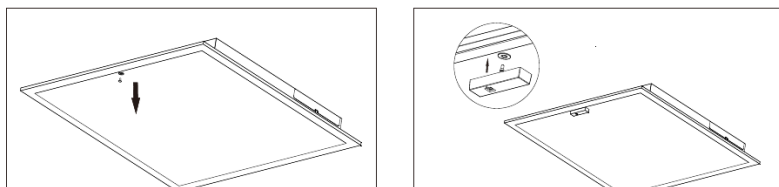
Plug-and-Play Microwave Sensing

Choose remote-programmed sensing or app-enabled Bluetooth control for occupancy and daylight strategies.

MICROWAVE MOTION SENSOR DIMENSIONS



MICROWAVE MOTION SENSOR INSTALLATION



SENSOR PERFORMANCE

FREQUENCY	5.8GHz +/-75MHz	DETECTION ANGLE	30-150 degrees
MICROWAVE POWER	<0.3mW	DETECTION AREA	25 / 50 / 75 / 100%
INSTALLATION HEIGHT	19.68 ft max	BLUETOOTH RANGE	>65 ft
DETECTION DISTANCE	>=9 ft	WORKING TEMPERATURE	-40F to 140F

Control Capabilities



OCCUPANCY

Adjust detection area, hold time, standby dimming and standby period.



DAYLIGHT

Configurable daylight thresholds from 2 lux to 400 lux support daylight response.



REMOTE

Optional handheld remote provides programming, testing, scene memory and manual output control.



APP CONTROL

Optional Bluetooth app supports groups, scenes, scheduling, high-end trim and energy monitoring.



Back-Lit LED Panel Light

H2 LIGHTING PRODUCT SPECIFICATION

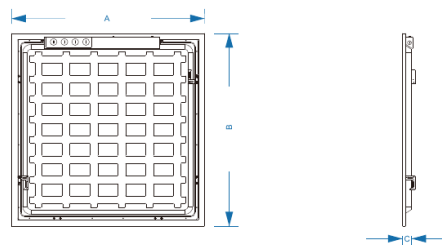
PRECISION. PERFORMANCE. QUALITY.

INSTALLATION, ORDERING & WARRANTY

Project and Installation Guide

For recessed conventional grid ceilings. Installation must follow applicable electrical codes.

PRODUCT DIMENSIONS



MODEL	SIZE	A(inch)(mm)	B(inch)(mm)	C(inch)(mm)
-------	------	-------------	-------------	-------------

ORDERING STRUCTURE

H2-BPL / SIZE / MAX WATTAGE

Specify 2x2, 1x4 or 2x4 housing. Add the optional microwave sensor, remote or Bluetooth control package as required.

Installation Essentials

1

Disconnect power before installation.

2

Use a qualified electrician and follow NEC/local code.

3

Place the fixture in the conventional ceiling grid.

4

Complete wiring, set wattage/CCT switches and secure the wiring enclosure.

H2 LIGHTING 5-YEAR LIMITED WARRANTY

This product is covered for five years from the date of purchase when installed and operated correctly. Coverage excludes improper installation, tampering, removed quality-control labels, unsuitable operating environments, or installation that does not follow applicable electrical codes. Warranty service is subject to return and verification of the faulty unit; installation labor is not included.



AREA & ROADWAY SERIES

POWER-TUNABLE LED SHOEBOX LIGHT

High-output site lighting with field-selectable wattage and flexible controls

100W-400W

150 LM/W

100-347VAC

5-YEAR WARRANTY



H2 LIGHTING PRODUCT CATALOG

Three housings with Type III, IV and V optics plus optional smart controls.



Power-Tunable LED Shoebox Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

PRODUCT OVERVIEW & COMMON DATA

High Output with Field-Selectable Power

Efficient area-lighting platform for parking lots, roadways, campuses and commercial sites.



0-10V

WET LOCATION

TYPE III / IV / V

COMMON TECHNICAL DATA

INPUT VOLTAGE

100-347VAC

DIMMING

0-10V

EFFICACY

150 lm/W

CCT RANGE

4000K-5700K

CRI

>70

FIXTURE TEMP

-4F to 104F

POWER FACTOR

>0.95

OPTICS

Type III / IV / V

Product Advantages



THERMAL DESIGN

Die-cast aluminum fin structure supports passive heat transfer and long-life operation.



WET LOCATIONS

Sealed construction is designed for exterior and wet-location area-lighting applications.



FIELD FLEXIBILITY

Three selectable power levels per housing simplify stocking and project adjustments.



SMART READY

Optional photocell, microwave sensor plus photocell, and time-setting control packages.



Power-Tunable LED Shoebox Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

MODELS, POWER SETTINGS & DIMENSIONS

Three Housings Cover 100W Through 400W

Select the housing, then set the required output using the integrated wattage switch.

H2-SXT-200W

200W



SELECTABLE POWER 100 / 150 / 200W

DIMENSIONS 13.14 x 12.44 x 2.95 in

INPUT 100-347VAC

INPUT CURRENT 2.0A

EFFICACY 150 lm/W

CCT 4000K-5700K

OPTICS Type III / IV / V

5-YEAR WARRANTY

H2-SXT-300W

300W



SELECTABLE POWER 200 / 240 / 300W

DIMENSIONS 17.91 x 12.44 x 2.95 in

INPUT 100-347VAC

INPUT CURRENT 3.0A

EFFICACY 150 lm/W

CCT 4000K-5700K

OPTICS Type III / IV / V

5-YEAR WARRANTY

H2-SXT-400W

400W



SELECTABLE POWER 300 / 350 / 400W

DIMENSIONS 22.79 x 12.44 x 3.31 in

INPUT 100-347VAC

INPUT CURRENT 4.0A

EFFICACY 150 lm/W

CCT 4000K-5700K

OPTICS Type III / IV / V

5-YEAR WARRANTY



Power-Tunable LED Shoebox Light

H2 LIGHTING PRODUCT SPECIFICATION

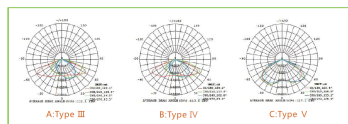
PRECISION. PERFORMANCE. QUALITY.

OPTICS, MOUNTS & CONTROL OPTIONS

Configure the Distribution and Control Strategy

Match the luminaire to the site with selectable optics, mounting hardware and plug-in control caps.

Three types of Lens for option



Installation instruction



OPTION MATRIX

OPTICS

Type III / IV / V

CONTROL A

Waterproof cap

SLIP FITTER

Round pole, rotatable

CONTROL B

Photocell cap

POLE MOUNT

Square or round

CONTROL C

Photocell + microwave

TRUNNION

Surface / wall

PROGRAMMING

Remote adjustable

Sensor Cap Capabilities



DETECTION

Selectable detection area: 25%, 50%, 75% or 100%; maximum range 45.92 ft.



HOLD TIME

Choose 5 seconds through 30 minutes to suit traffic and occupancy patterns.



STANDBY

Selectable standby dimming of 10%, 20%, 30% or 50%, with configurable period.



DAYLIGHT

Set 2, 10, 30, 50, 80 or 120 lux, or disable the daylight threshold.



Power-Tunable LED Shoebox Light

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

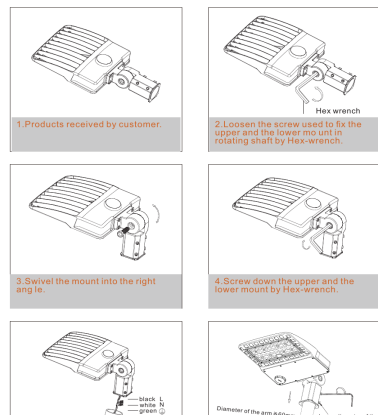
INSTALLATION, ORDERING & WARRANTY

Project and Installation Guide

Choose the housing, distribution, mount and control package required for the project.

Functions of each mount type

- A: Slip fitter mount suitable for round pole, rotatable beam angle



ORDERING STRUCTURE

H2-SXT / MAX WATT / OPTIC / CCT

Specify 200W, 300W or 400W housing; Type III, IV or V optic; desired CCT; mount; and optional control cap.

Installation Essentials

1

Disconnect power before installation or maintenance.

2

Installation must be completed by a qualified professional.

3

Secure the selected mount to the pole or surface and set aiming angle.

4

Connect line, neutral and ground; close all covers and weather seals.

H2 LIGHTING 5-YEAR LIMITED WARRANTY

This product is covered for five years from the date of purchase when installed and operated correctly. Coverage excludes improper installation, tampering, removed quality-control labels, unsuitable operating environments, or installation that does not follow applicable electrical codes. Warranty service is subject to return and verification of the faulty unit; installation labor is not included.



INDUSTRIAL HIGH-BAY SERIES

POWER-TUNABLE UFO LED HIGH BAY

High-efficiency illumination for warehouses, factories and large indoor spaces

60W-240W

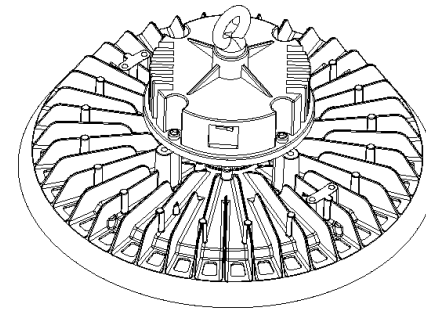
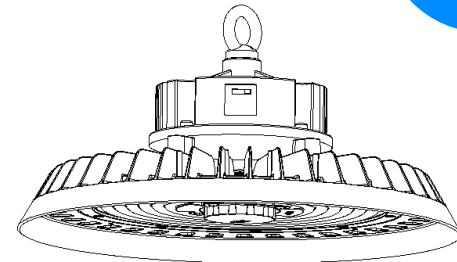
150 LM/W

120-277VAC

5-YEAR WARRANTY

Product Appearance

3 POWER
SETTINGS



60° / 90° / 120°



H2 LIGHTING PRODUCT CATALOG

Four field-selectable models with 60, 90 and 120-degree distributions.



Power-Tunable UFO High Bay

H2 LIGHTING PRODUCT SPECIFICATION

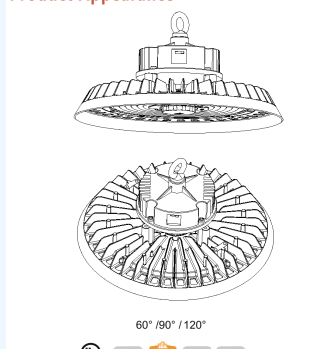
PRECISION. PERFORMANCE. QUALITY.

PRODUCT OVERVIEW & COMMON DATA

Selectable Output for Demanding High-Bay Spaces

A compact die-cast platform combines high efficacy, field-selectable wattage and flexible controls.

Product Appearance



0-10V

60 / 90 / 120 DEG

POWER SELECTABLE

COMMON TECHNICAL DATA

INPUT VOLTAGE

120-277VAC

DIMMING

0-10V

EFFICACY

150 lm/W

CCT RANGE

4000K-5700K

CRI

Ra 80

BEAM OPTIONS

60 / 90 / 120 deg

POWER FACTOR

>0.9

CONSTRUCTION

Die-cast aluminum

Product Advantages



THERMAL DESIGN

Die-cast aluminum heat sink and integrated driver compartment support reliable operation.



POWER SELECTABLE

Three output settings per model provide flexibility for mounting height and light-level needs.



OPTICAL OPTIONS

Choose 60, 90 or 120-degree distribution to match aisle, open-area or low-bay layouts.



SMART READY

Optional waterproof, photocell, or photocell-plus-microwave sensor cap configurations.



Power-Tunable UFO High Bay

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

MODELS, POWER SETTINGS & DIMENSIONS

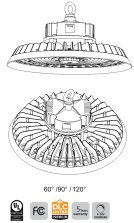
Four Models Cover 60W Through 240W

Select the fixture diameter and maximum output, then set the required wattage in the field.

H2-UFO-100W

100W

Product Appearance



SELECTABLE POWER 60 / 80 / 100W

DIMENSIONS 9.96 dia x 6.06 in

INPUT 120-277VAC

INPUT CURRENT 1.0A

EFFICACY 150 lm/W

CCT 4000K-5700K

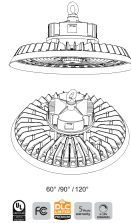
BEAM 60 / 90 / 120 deg

5-YEAR WARRANTY

H2-UFO-150W

150W

Product Appearance



SELECTABLE POWER 100 / 120 / 150W

DIMENSIONS 12.13 dia x 6.30 in

INPUT 120-277VAC

INPUT CURRENT 1.5A

EFFICACY 150 lm/W

CCT 4000K-5700K

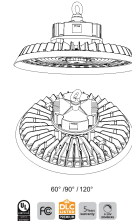
BEAM 60 / 90 / 120 deg

5-YEAR WARRANTY

H2-UFO-200W

200W

Product Appearance



SELECTABLE POWER 100 / 150 / 200W

DIMENSIONS 12.13 dia x 6.30 in

INPUT 120-277VAC

INPUT CURRENT 2.0A

EFFICACY 150 lm/W

CCT 4000K-5700K

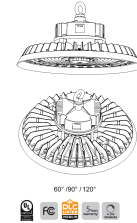
BEAM 60 / 90 / 120 deg

5-YEAR WARRANTY

H2-UFO-240W

240W

Product Appearance



SELECTABLE POWER 150 / 200 / 240W

DIMENSIONS 13.94 dia x 6.50 in

INPUT 120-277VAC

INPUT CURRENT 2.4A

EFFICACY 150 lm/W

CCT 4000K-5700K

BEAM 60 / 90 / 120 deg

5-YEAR WARRANTY



Power-Tunable UFO High Bay

H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

OPTICS, PHOTOMETRICS & CONTROLS

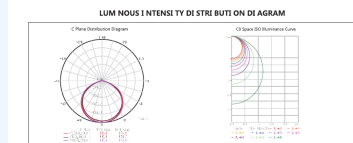
Configure Distribution and Control

Select the optical distribution and optional sensor-cap package for the application.

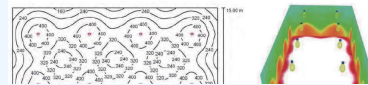
Specification

Mode	Power	Input Voltage	Dimmable	Input Current	Light Efficacy	PF	Ra	CCT
CL-GLY1-100(Power Tunable)	60-80-100W	AC120-277V	0-10V	1.0A	150lm/W	>0.9	80	4000K-5700K
CL-GLY1-150(Power Tunable)	100-120-150W	AC120-277V	0-10V	1.5A	150lm/W	>0.9	80	4000K-5700K
CL-GLY2-200(Power Tunable)	100-150-200W	AC120-277V	0-10V	2.0A	150lm/W	>0.9	80	4000K-5700K
CL-GLY2-240(Power Tunable)	150-200-240W	AC120-277V	0-10V	2.4A	150lm/W	>0.9	80	4000K-5700K

Testing Report



Simulation chart



OPTION MATRIX

NARROW OPTIC

60 degrees

CONTROL A

Waterproof cap

MEDIUM OPTIC

90 degrees

CONTROL B

Photocell cap

WIDE OPTIC

120 degrees

CONTROL C

Photocell + microwave

MOUNTING

Hook / chain

PROGRAMMING

Remote adjustable

Sensor Cap Capabilities



DETECTION

Selectable detection area and microwave coverage for motion-based high-bay control.



HOLD TIME

Configurable hold time keeps full output active after the last detected motion.



STANDBY

Selectable standby dimming and period support aisle and corridor energy savings.



DAYLIGHT

Photocell logic can switch or inhibit output based on ambient light level.



Power-Tunable UFO High Bay

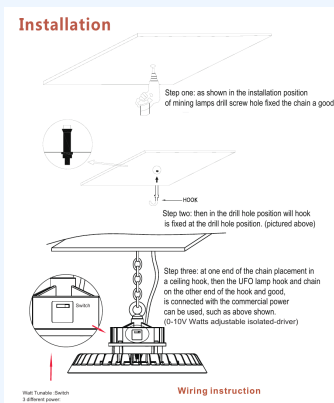
H2 LIGHTING PRODUCT SPECIFICATION

PRECISION. PERFORMANCE. QUALITY.

INSTALLATION, ORDERING & WARRANTY

Project and Installation Guide

Hook-and-chain suspension provides a straightforward installation for industrial ceilings.



ORDERING STRUCTURE

H2-UFO / MAX WATT / BEAM / CCT

Specify 100W, 150W, 200W or 240W maximum-output model; beam distribution; CCT; and optional control cap.

Installation Essentials

1

Disconnect power before installation or maintenance.

2

Secure the ceiling hook and chain to a load-rated structure.

3

Attach the luminaire hook, confirm engagement and connect supply wiring.

4

Select the required wattage before energizing the fixture.

H2 LIGHTING 5-YEAR LIMITED WARRANTY

This product is covered for five years from the date of purchase when installed and operated correctly. Coverage excludes improper installation, tampering, removed quality-control labels, unsuitable operating environments, or installation that does not follow applicable electrical codes. Warranty service is subject to return and verification of the faulty unit; installation labor is not included.