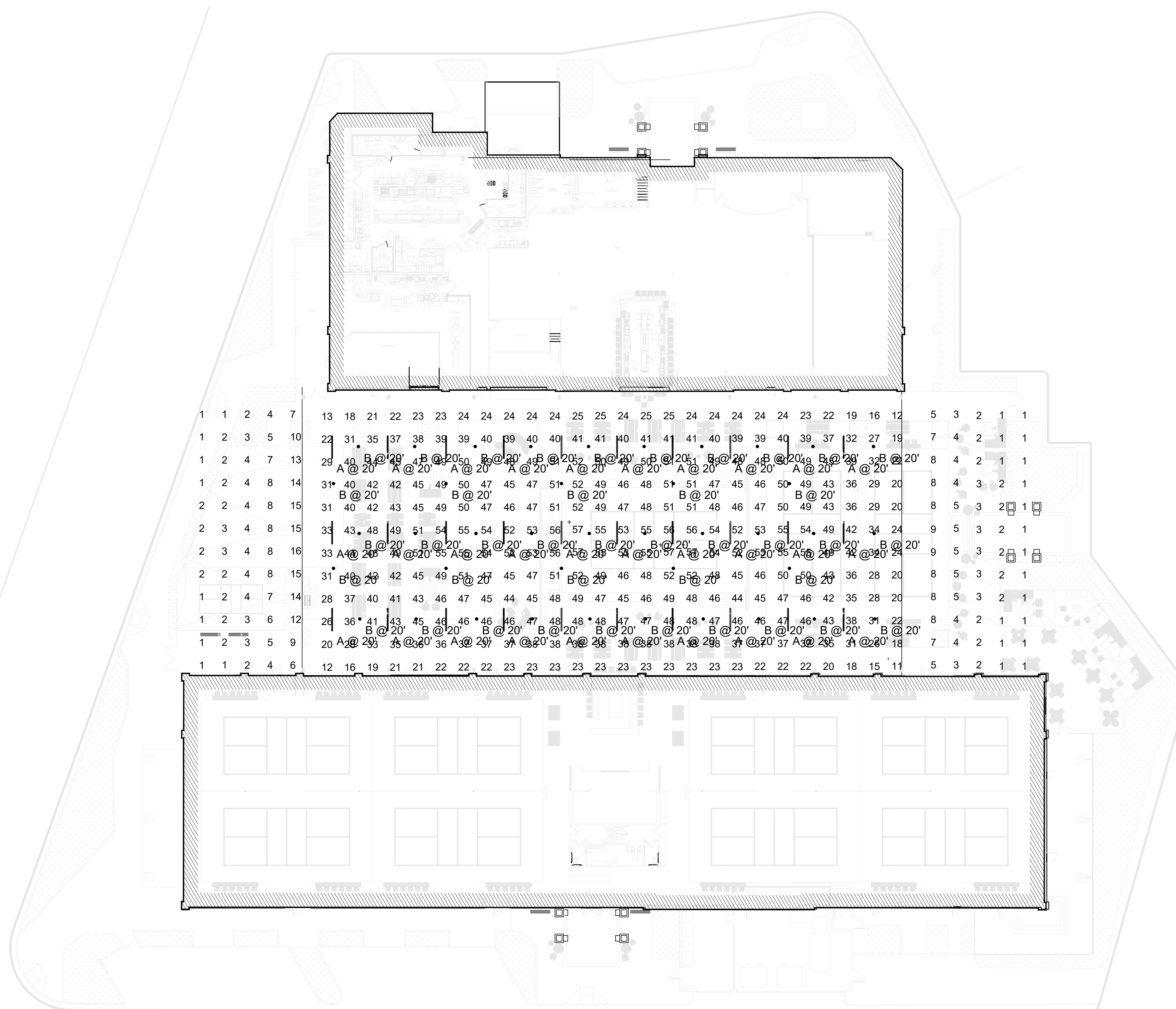
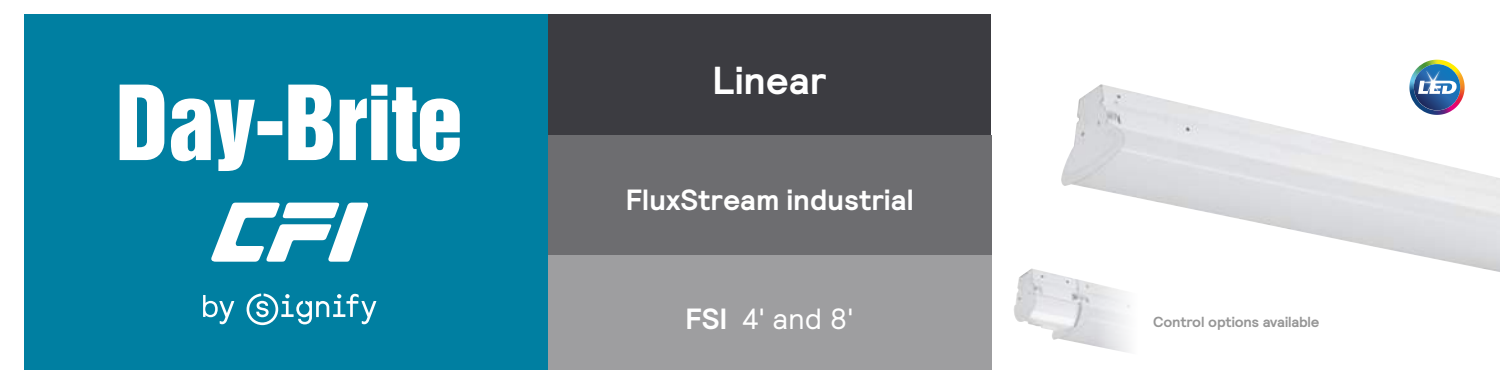


Schedule																	
Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Lumen Multiplier	LLF	Wattage	Efficiency	Distribution	Notes	
	A		30	DAY-BRITE by SIGNIFY	FLP8160LHE840-R-UNV-DIM	8' FLUXSPACE 8-FORTIMO LEDSTRIP ST 23.7IN 4000K 80CRI BOARDS, X1190C275V054BSG2 DRIVER @1260mA/ch, 277V, ROUND LENS		1	FLP8160LHE840-R-UNV-DIM.IES	16749	1	0.9	108.5	100%			
⊗	B		40	SIGNIFY - DAY-BRITE/CFI	HCY14L8CST-UN3-4000K	ROUND HIGH BAY - 4000K		1	HCY14L8CST-UN3-4000K(1).ies	14936	1	0.9	104.7	100%			

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #2		5 fc	16 fc	1 fc	16.0:1	5.0:1
Calc Zone #2(Copy)		3 fc	9 fc	1 fc	9.0:1	3.0:1
Calc Zone #3		40 fc	57 fc	11 fc	5.2:1	3.6:1







**Day-Brite**  
**CFI**  
by @ignify

Linear  
FluxStream industrial  
FSI 4' and 8'

Day-Brite / CFI FluxStream LED Industrial is a high performing luminaire delivering smooth diffuse light ideal for light industrial, commercial and residential applications with unparalleled energy efficiency.

**Ordering guide**

Series	Length (feet)	Lumens* (nominal)	Color Temp. (K)	Voltage	Driver	Options
FSI	4'	300L 600L 900L	830 80 CRI 3000K	UNV 120-277V	DM <sup>1</sup> 50W <sup>1</sup>	Dimming Step dimming to 40% input power
	8'	600L 1200L 1800L	80 CRI 3000K 4000K 5000K	120 277 347 347V	XXM <sup>1</sup> DAU <sup>1</sup> (DAU)	Mark chase dimming

\*Other lumens packages may be ordered in increments of 500lm from 3000 to 7000 lumens for 4' and increments of 1000lm from 8000 to 14000 lumens for 8' and 16'

1. E' is tandem (2) e' lenses with single piece E' body.
2. Nominal delivered lumens at 25°C ambient.
3. XXM option only available with 120V.
4. 347V with DMLED only available in E' models.
5. Not available in 70K, model or E' BCK, model.
6. DAU available up to 80L models only, consult factory for other options.
7. DMLED on E' models features a section in emergency mode.
8. Available with DM driver option only.
9. Energy controls are available to 5% via wireless wall switch. Non-integral controls configurations are not available in E'.
10. High bay motion detector. Motion sensing zone is extremely limited if used below 15' mounting height.
11. Must be installed in conjunction with a 2000B device.
12. Only ordered with an integral wireless sensing option.
13. Must order IR1015B infrared communicating remote with each system order.
14. Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for a return or refund. This BAC designation hereafter does not address (i) the applicability of, or availability of, a waiver under the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.
15. Consult Signify to confirm whether specific accessories are BAA-compliant.

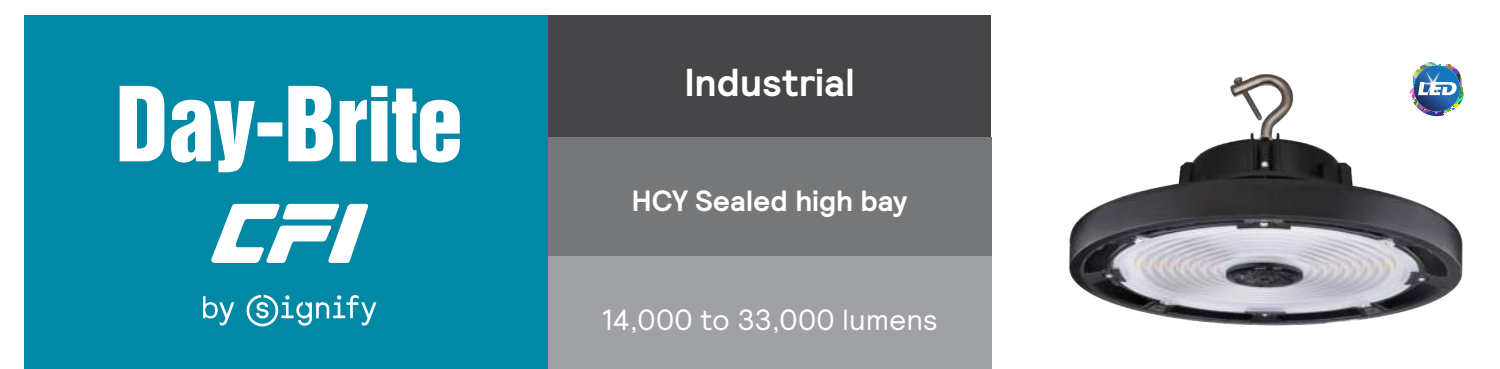
- Accessories<sup>®</sup> (order separately)**
- **FSIDL** - e' Diffuse replacement lens (order two for 8' models)
  - **LSR10L** - Low bay PIR motion sensor, 120-277V
  - **LSR10RAC** - Low bay PIR motion sensor with photocell and 0-10V dimming, 120-277V
  - **FSWNA** - e' Wire guard (order two for 8' models)
  - **FS1H** - Sliding hanger bracket (set of 2)
  - (See last page for details and more options)

**General notes**

Many luminaire components, such as reflectors, lenses, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility. PAF (Paint after fabrication option is required for all products that will be used in a damp or humid location, such as under a canopy or covered parking area.

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Not all product variations listed on this page are DLC qualified. To ensure that a specific model is qualified, visit [www.designlights.org/qual](http://www.designlights.org/qual).



**Day-Brite**  
**CFI**  
by @ignify

Industrial  
HCY Sealed high bay  
14,000 to 33,000 lumens

The Day-Brite / CFI HCY sealed high bay is an ideal choice where functional high bay lighting is needed with an aesthetic appeal. The round form factor lends itself to retail and institutional applications.

**Ordering guide**

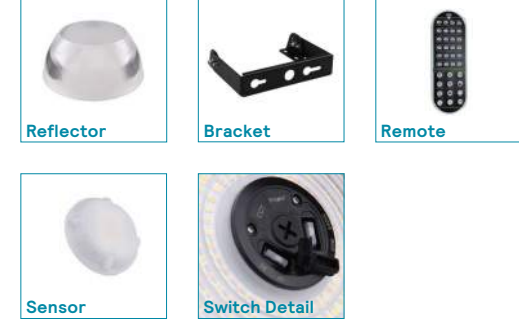
Series	Lumens <sup>1</sup>	Color Temp. (K)	Voltage	Dimming
HCY	14,000	BCST	UN3	DIM
	28,32L	BCST	UN3	DIM

1. Nominal delivered lumens at 25°C ambient.

Many luminaire components, such as reflectors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

**Accessories (order separately)**

- **HCY2-PRSM** - 16" Clear polycarbonate reflector for HCY1421L
- **HCY2-PRLG** - 16" Clear polycarbonate reflector for HCY2833L
- **HCY-SURFACE BKT SM** - Surface mount bracket for HCY1421L
- **HCY-SURFACE BKT LG** - Surface mount bracket for HCY2833L
- **HCY-SENSOR** - Field installed microwave sensor
- **HCY-REMOTE** - Remote hand-held programmer for HCY-SENSOR



**Features**

- Die cast frame and driver containment housing.
- Corrosion resistant black finish.
- Clear polycarbonate lens protects LEDs.
- Heavy duty hook provided for connection to customer-supplied suspension.
- Lumens maintenance up to 70% (L70) at 50,000 hours.
- Default HCY-SENSOR settings are 1 minute timeout to 20% dim level, then 1 minute timeout to off. HCY-REMOTE must be used to change default sensor settings.
- HCY-SENSOR may be used up to 50ft mounting height.
- Note that using the sensor together with the reflector will affect sensor performance.
- Exposed leads for wiring connection with sleeving for environmental protection.
- e' cord provided for power connection and dimming connection.
- Field CCT and Lumens selectable. Default CCT setting is 4000K. Default lumens setting for small is 21000lm. Default lumens setting for large is 33000lm.
- cULus listed for use in wet locations for -20C to 50C ambient.
- Driver surge protection is 4KV L-N and 2KV L-GND.
- IP65 and NEMA 4X rated. IK08 impact ratings.
- Components are RoHS compliant.
- DesignLights Consortium qualified. Please see the DLC QPL list for exact catalog numbers ([www.designlights.org/QPL](http://www.designlights.org/QPL)).
- Five year limited luminaire warranty. Visit [www.signify.com/warranty](http://www.signify.com/warranty) for complete warranty information.

HCY\_LED\_high\_bay 01/22 page 1 of 3



**FSI FluxStream LED industrial 4' and 8'**

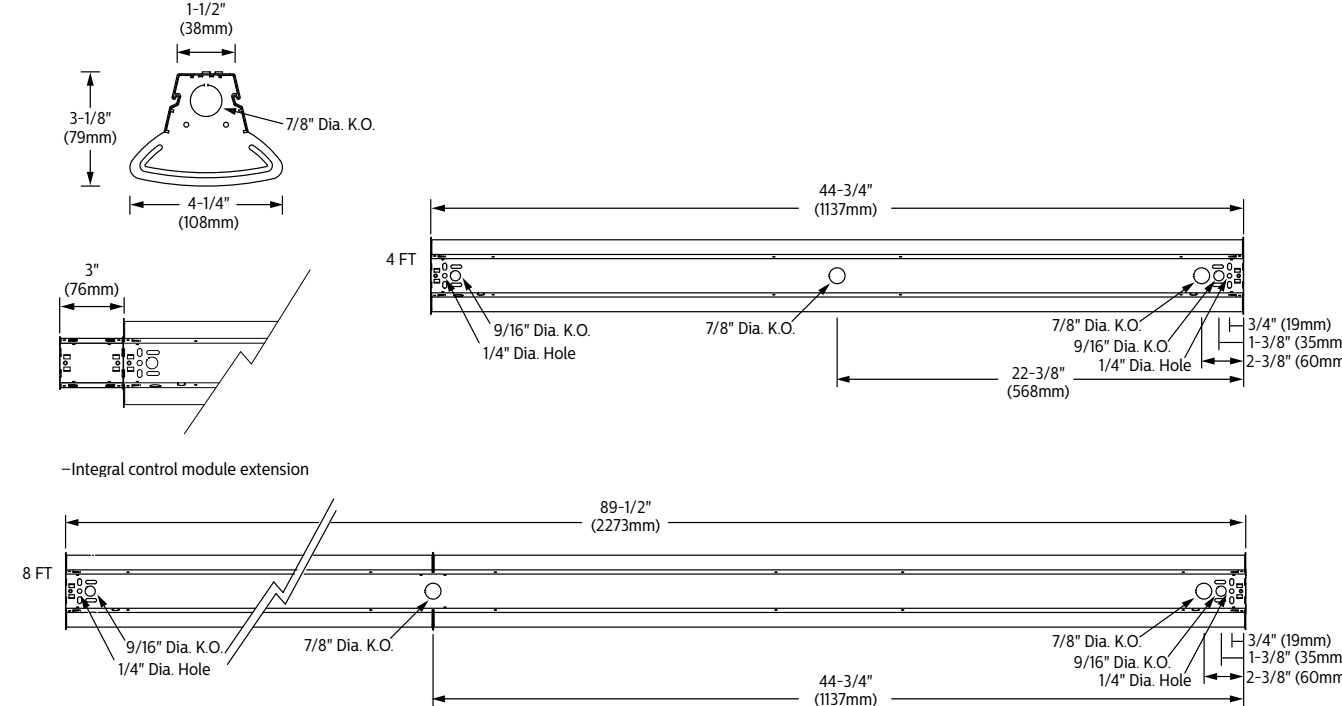
**Features**

- Compact design for installation in tight spaces.
- Frosted acrylic diffuser provides wide light distribution and superior glare control.
- Diffuser and LED plate snap into place allowing tool-free access to LED boards and driver.
- 4' and 8' tandem lengths available to accommodate many field applications.
- Up to 100,000 hour predicted L70 LED lumen maintenance provides long service life to reduce maintenance costs.
- Can be surface mounted on ceilings or walls, or suspended via chain, pendants or cables.
- Wall mountable - ADA compliant.
- Ideal for cold applications (-20°C).
- Continuous row mounting using standard end caps. No extra parts needed.
- 7/8" knock out provided at each end and on base of luminaire. Note: Center knockout is covered and not usable in 4' version with DMLED option.
- Multiple driver options available with 0-10V as standard.
- Enclosed lens minimizes penetration of dust, insects, and other debris into the LED compartment.
- 8' tandem unit in two 4' optical assemblies with a center mullion on a single full length chassis.
- Integral controls options include sensor mounted in control module extension mounted on fixture end (see dimension drawing).
- FluxStream luminaires are DesignLights Consortium<sup>®</sup> qualified. Please see the DLC QPL list for exact catalog numbers ([www.designlights.org/QPL](http://www.designlights.org/QPL)).
- 5 year manufacturer's limited warranty. Visit [www.signify.com/warranty](http://www.signify.com/warranty) for complete warranty information.
- Baked white acrylic matte high reflectance paint finish.
- PAF (Paint after fabrication) option, which is required for all products that will be used in damp or humid locations, such as a canopy or covered parking area, provides extra corrosion resistance.

**Ambient temperature data**

Configuration	Ambient
FSI4LTD	-20°C to 39°C
FSI8ITDL	-20°C to 39°C
FSI2833L	-20°C to 25°C
DMLED option	Minimum 0°C
All others	-20°C to 40°C

**Dimensions**



FluxStream\_LED\_Industrial 10/22 page 2 of 6

**FSI FluxStream LED industrial 4' and 8'**

**Wireless Controls Options**

- **SpaceWise DT (SWZDT)**
  - Standalone daylight and occupancy sensing with advanced grouping, wireless mesh networking and dwell time.
  - Commissioning via compatible Android phone and Philips Field App.
  - Dimming via compatible ZigBee wireless wall switch only (see link below for details).
  - Register for the commissioning app at <http://registration.componentcloud.philips.com/appregistration/>.
- **Integral sensing options may not be combined**
- For more information including recommended switches, refer to the following:
  - **SWZDT** - [www.usa.lighting.philips.com/systems/lighting-systems/spacewise](http://www.usa.lighting.philips.com/systems/lighting-systems/spacewise)

**Emergency Options (ER100)**

- **Power Sensing (Factory default)** - Recommended UL924 option requires unswitched power sense line, absence of voltage on the normal circuit triggers luminaire to 100% output.
- **Power Interruption Detection (Field option)** - Detects AC power interruption >30ms triggers 90 minute emergency mode with luminaire at 100% output.
- 347V requires step-down transformer and must be ordered indicating Power Sensing or Power Interruption Detection.

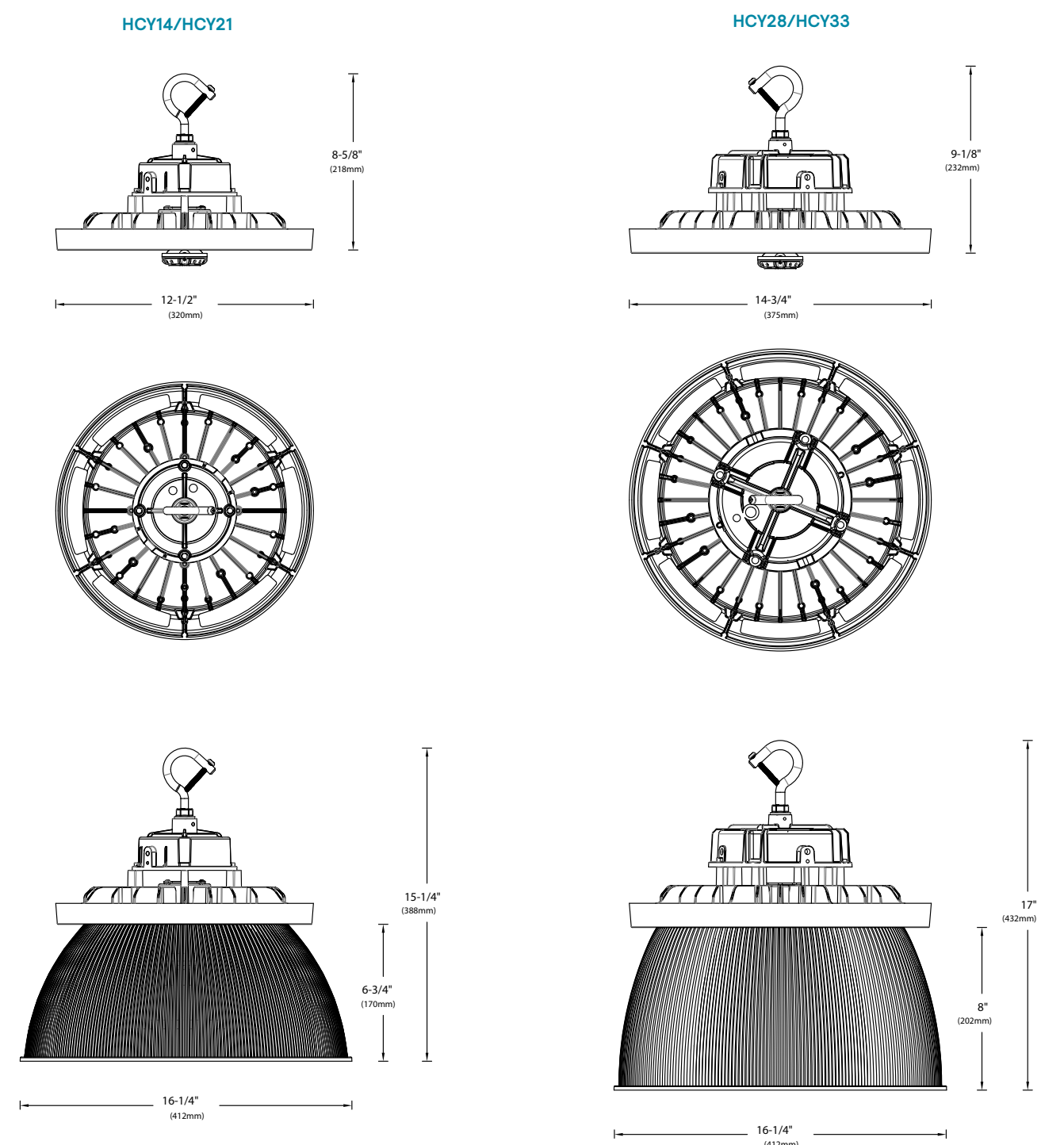
**FluxStream industrial shown with integral sensor**



FluxStream\_LED\_Industrial 10/22 page 3 of 6

**HCY LED sealed high bay 14,000 to 33,000 lumens**

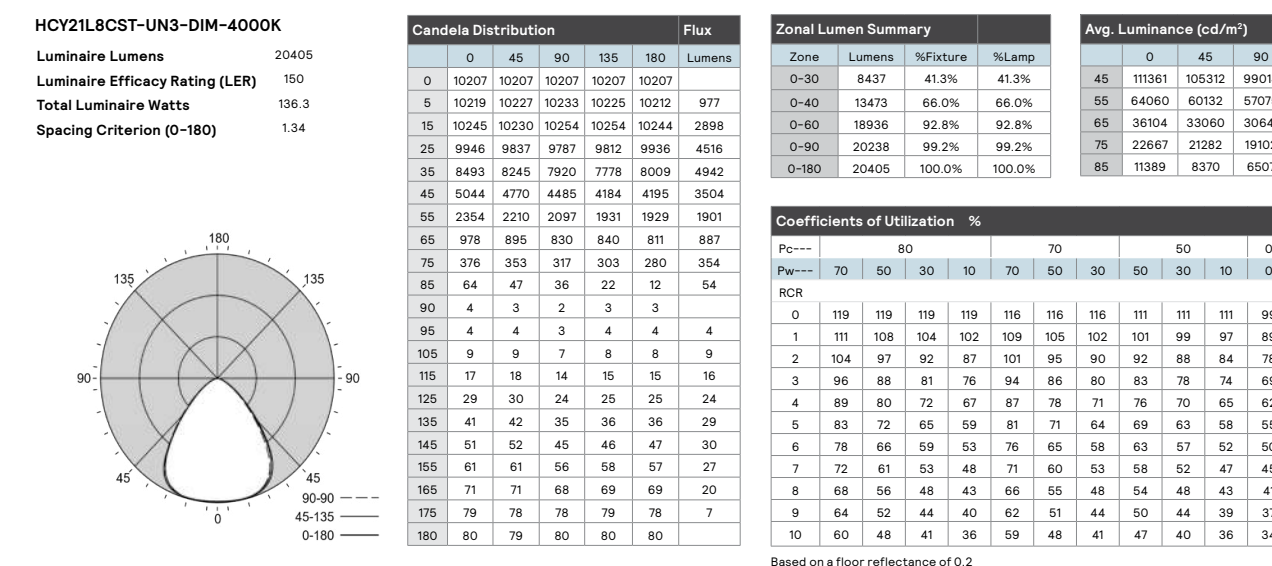
**Dimensions**



HCY\_LED\_high\_bay 01/22 page 2 of 3

**HCY LED sealed high bay 14,000 to 33,000 lumens**

**Photometry**



**Photometric Test List**

Catalog No.	Delivered Lumens	Input Watts	Efficacy
HCY21LBCST-UN3-DIM(4000K)	15292	1011	151
HCY21LBCST-UN3-DIM(5000K)	15111	102.3	148
HCY21LBCST-UN3-DIM(4000K)	20405	136.3	150
HCY21LBCST-UN3-DIM(5000K)	20387	144.1	145
HCY21LBCST-UN3-DIM(4000K)	28744	197.9	145
HCY21LBCST-UN3-DIM(5000K)	29303	208.2	141
HCY21LBCST-UN3-DIM(4000K)	34201	236.8	144
HCY21LBCST-UN3-DIM(5000K)	33244	237.2	140



**DINK & DINE PICKLE PARK**  
1605 N DOBSON RD | MESA, AZ - 85201

**LIGHTING CUT SHEETS**  
CASE # ADM23-01045



**A4**