

RAB®



Complete lighting solutions for hazardous environments.

When working in hazardous environments where flammable gases, vapors, dust, or combustible materials are present, specialized lighting is essential for both safety and operational efficiency. Our comprehensive line of hazardous location lighting fixtures is engineered to meet rigorous safety standards while delivering reliable illumination in the most demanding industrial settings. From chemical processing areas and refineries to offshore drilling platforms and aircraft hangars, our HAZ lighting provides energy-efficient operation and the uncompromising safety performance that critical industrial operations demand.

LOCATION CLASSIFICATION

Hazardous Location Classification Chart

Class	Hazardous material in surrounding atmosphere	Division	Presence of hazardous materials	Group	Hazardous material in surrounding atmosphere
I	 Flammable vapors Gases Liquids	1	Ignitable concentrations of hazard exists under normal operating conditions	A	Acetylene
				B	Hydrogen Butadiene Ethylene oxide Propylene oxide Acrolein
				C	Ethylene Cyclopropane Ethyl ether
		2	Ignitable concentrations of hazard exists only under accidental system breakdowns or abnormal operating conditions	D	Acetone Hexane Ammonia Methane Benzene Naphtha Butane Natural gas Ethanol Propane Gasoline Toluene
II	 Combustible dust	1	Ignitable concentrations of hazard exists under normal operating conditions	E	Combustible metal dust: Aluminum Commercial alloys Magnesium
		2	Ignitable concentrations of hazard exists only under accidental system breakdowns or abnormal operating conditions	F	Combustible carbonaceous dust: Carbon black charcoal Coal Coke dusts
				G	Other combustible dusts: Chemicals Flour Grain Plastic Wood
III	 Easily ignitable fibers Flyings	1	Ignitable concentrations of hazard exists under normal operating conditions		Not applicable
		2	Ignitable concentrations of hazard exists only under accidental system breakdowns or abnormal operating conditions		

HIGHBAYS



HAZX



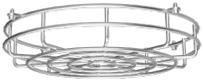
- Class I Division 1, Groups B, C, D
- Class I Division 2, Groups A, B, C, D
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Certified to UL Standard 1598, 844, and 1598A; 1.5G vibration rating
- -40°F to 149°F operating temperature



Performance

	Size	Catalog No.*	Wattage	Equivalent	Lumens	Efficacy
	Small	HAZX40CF	40W	70W MH	5,394	138
		HAZX80CF	80W	150W MH	11,203	139
	Large	HAZX100CF	100W	200W MH	15,613	156
		HAZX100CF/480	100W	200W MH	15,707	157
		HAZX150CF	150W	310W MH	23,666	155
		HAZX150CF/480	150W	310W MH	23,715	159
		HAZX200CF	200W	400W MH	29,520	150
		HAZX200CF/480	200W	400W MH	31,312	156

Accessories



GDHAZXL
Large Wire Guard



GDHAZXS
Small Wire Guard

Ordering Matrix

Product Family	Wattage	Color Temp	Mounting	Finish	Lens/Globe	Driver	
HAZX	40 80 100 150 200	40W 80W 100W 150W 200W	Blank 5000K	Blank Surface Mount Installed; Stanchion Included	Blank Gray	CF Clear Flat Lens	Blank /480* 120-277V, 1-10V Dimming 480V, 0-10V Dimming

*480V option only available for 100W, 150W, and 200W models.

HIGHBAYS



HAZLED



- Class I Division 2, Groups A, B, C, D
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Certified to UL Standard 1598, 1598A, and 844; 1.5G vibration rating
- -40°F to 140°F operating temperature



Performance

	Size	Catalog No.*	Wattage	Equivalent	Lumens	Efficacy
	Small	HAZLED30xCF	30W	125W MH	4,618	156
		HAZLED60xCF	60W	250W MH	8,957	156
	Large	HAZLED80xCF	80W	350W MH	12,563	156
		HAZLED120xCF	120W	400W MH	18,297	152

*X in the catalog number represents (C) ceiling, (S) stanchion, (WM) wall mount, or (blank) surface/pendant mount. Performance shown for clear flat lens. See website for additional lens performance.

Accessories



HAZLED-WG
Small Wireguard



HAZLED-WG2
Large Wireguard



HAZ-ADP
Retrofit Mounting Adapter

Ordering Matrix

Product Family	Wattage	Color Temp	Mount	Finish	Lens/Globe	Driver				
HAZLED										
	30 60 80 120	30W 60W 80W 120W	Blank 5000K	Blank C S WM	Surface/Pendant Ceiling Stanchion Wall Mount	Blank Gray	CF FF CG FG	Clear Flat Lens Frosted Flat Lens Clear Globe Frosted Globe	Blank /480	120-277V, 0-10V Dimming 480V, 0-10V Dimming*

*480V available for 120W models only.

HIGHBAYS



HAZBAYLED



- Class I Division 2, Groups A, B, C, D
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Certified to UL Standard 1598, 1598A, and 844; 1.5G vibration rating
- -40°F to 131°F operating temperature



without wire guard
with wire guard

Performance	Size	Catalog No.*	Wattage	Equivalent	Lumens	Efficacy
	Small	HAZBAYLED100CF	100W	350W MH	15,578	160
		HAZBAYLED150CF	150W	400W MH	23,709	154
		HAZBAYLED200CF	200W	750W MH	29,729	153
	Large	HAZBAYLED300CF	300W	1000W MH	49,377	166

*Performance shown for clear flat lens. See website for additional lens performance.

Accessories



HAZBAYLED-WG1
Small Wireguard



HAZBAYLED-WG2
Large Wireguard



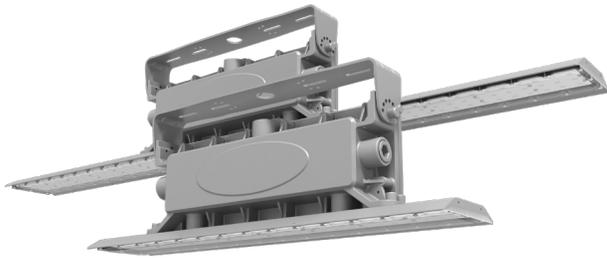
HAZ-ADP
Retrofit Mounting Adapter

Ordering Matrix

Product Family	Wattage		Color Temp		Mount		Finish		Lens/Globe		Driver		Battery Backup	
HAZBAYLED														
	100	100W	Blank	5000K	Blank	Surface/Pendant	Blank	Gray	CF	Clear Flat Lens	Blank	120-277V, 0-10V Dimming	Blank	None
	150	150W							FF	Frosted Flat Lens	/480	480V, 0-10V Dimming*	/E	Battery Backup**
	200	200W												
	300	300W												

*Not available in the 100W
**Available for 120-277V only.

HIGHBAYS



HAZL34

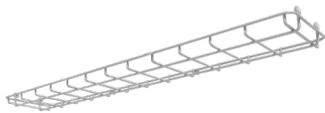
- Class I Division 2, Groups A, B, C, D
- Certified to UL Standard 1598 and 844; 1.5G vibration rating
- -40°F to 149°F operating temperature



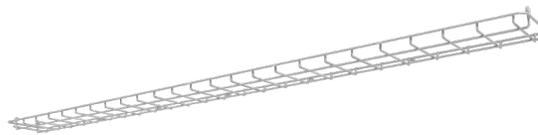
Performance

	Size	Catalog No.	Wattage	Equivalent	Lumens	Efficacy
	2 ft	HAZL34-40	40W	70W	6,297	155
	4 ft	HAZL34-80	80W	150W	12,901	160
		HAZL34-120	120W	250W	18,837	157
		HAZL34-200	200W	400W	31,061	156

Accessories



HAZL34-WG2
Small Wireguard



HAZL34-WG4
Large Wireguard



HAZL34-CM-KIT
Ceiling Mount Kit

Ordering Matrix

Product Family	Wattage (Size)	Color Temp	Finish	Driver								
HAZL34	<table border="1"> <tr><td>40</td><td>40W (2 ft.)</td></tr> <tr><td>80</td><td>80W (4 ft.)</td></tr> <tr><td>120</td><td>120W (4 ft.)</td></tr> <tr><td>200</td><td>200W (4 ft.)</td></tr> </table>	40	40W (2 ft.)	80	80W (4 ft.)	120	120W (4 ft.)	200	200W (4 ft.)	Blank 5000K	Blank Gray	Blank /480 120-277V, 0-10V Dimming 480V, 0-10V Dimming*
40	40W (2 ft.)											
80	80W (4 ft.)											
120	120W (4 ft.)											
200	200W (4 ft.)											

*Available for 80W, 120W, and 200W only.

PANELS

HAZPAN

- Class I Division 2, Groups A, B, C, D
- Certified to UL Standard 1598, 1598A, and 844
- -40°F to 122°F operating temperature



Performance	Size	Catalog No.	Wattage	Equivalent	Lumens	Efficacy
	1x4	HAZPAN1X4-40	40W	(3) F32T8, (3) F28T5	5885	147
		HAZPAN1X4-60	60W	(5) F32T8, (9) F17T8, (8) F14T5	8701	145
	2x2	HAZPAN2X2-40	40W	(3) F32T8, (6) F17T8, (6) F14T5	5985	149
		HAZPAN2X2-60	60W	(5) F32T8, (9) F17T8, (8) F14T5	8834	147
	2x4	HAZPAN2X4-60	60W	(5) F32T8, (9) F17T8, (8) F14T5	9247	154
		HAZPAN2X4-80	80W	(7) F32T8, (13) F17T8, (12) F14T5	12479	156

Accessories



HAZPANRM1x4
Recessed Mount Kit



HAZPANRM2x2
Recessed Mount Kit



HAZPANRM2x4
Recessed Mount Kit

Ordering Matrix

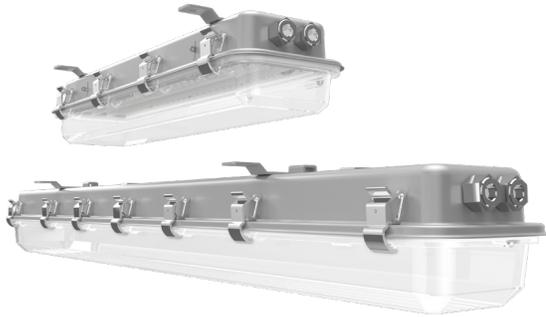
Product Family	Size	Wattage	Color Temp	Finish	Mount	Driver	Options												
HAZPAN	<table border="1"> <tr><td>1X4</td><td>1X4</td></tr> <tr><td>2X2</td><td>2X2</td></tr> <tr><td>2X4</td><td>2X4</td></tr> </table>	1X4	1X4	2X2	2X2	2X4	2X4	<table border="1"> <tr><td>40</td><td>40W (1x4 or 2x2)</td></tr> <tr><td>60</td><td>60W (all sizes)</td></tr> <tr><td>80</td><td>80W (2x4)</td></tr> </table>	40	40W (1x4 or 2x2)	60	60W (all sizes)	80	80W (2x4)	Blank 5000K	Blank Grey	Blank Pendant / Ceiling Mount	Blank 120-277V, 0-10V Dimming	Blank /MVS /E MVS sensor (internal) Battery Backup
1X4	1X4																		
2X2	2X2																		
2X4	2X4																		
40	40W (1x4 or 2x2)																		
60	60W (all sizes)																		
80	80W (2x4)																		

WASHDOWNS

HAZSHARK



- Class I Division 2, Groups A, B, C, D.
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Certified to UL Standard 1598, 1598A, and 844
- -40°F to 122°F operating temperature

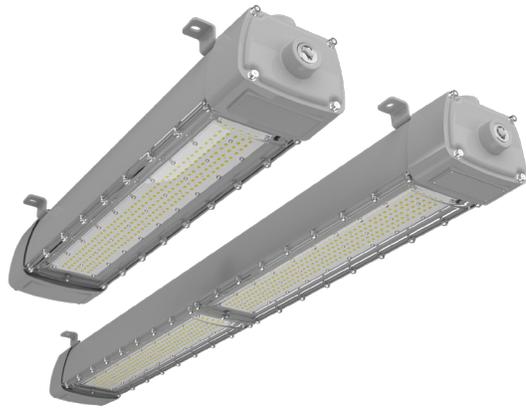


Performance	Size	Catalog No.*	Wattage	Equivalent	Lumens	Efficacy
	2 ft	HAZSHARK2	30W	(2) F32T8	4012	137
	4 ft	HAZSHARK4	50W	(3) F32T8	7024	143

Ordering Matrix

Product Family	Size	Color Temp	Finish	Driver	Battery Backup
HAZSHARK	2 4	Blank	Blank	Blank	Blank
	2' /30W 4' /50W	5000K	Gray	120-277V, 0-10V Dimming	None Battery Backup

LINEAR



HAZSR

- Class I Division 2, Groups A, B, C, D
- Certified to UL Standard 1598 and 844
- -40°F to 131°F operating temperature



Performance

	Size	Catalog No.	Wattage	Equivalent	Lumens	Efficacy
	2 ft	HAZSR2	30W	70W	4,933	165
		HAZSR2H	60W	125W	9,244	155
	4 ft	HAZSR4	80W	175W	13,387	165
		HAZSR4H	120W	250W	19,259	160

Ordering Matrix

Product Family	Size/Wattage	Color Temp	Mounting	Finish	Driver	Battery Backup						
HAZSR												
	2	30W	Blank	5000K	Blank	Surface Mount	Blank	Gray	Blank	120-277V, 0-10V Dimming	Blank	None
	2H	60W	Blank	5000K	Blank	Surface Mount	Blank	Gray	Blank	120-277V, 0-10V Dimming	/E	Battery Backup**
	4	80W	Blank	5000K	Blank	Surface Mount	Blank	Gray	Blank	120-277V, 0-10V Dimming	Blank	None
	4H	120W	Blank	5000K	Blank	Surface Mount	Blank	Gray	Blank	120-277V, 0-10V Dimming	/E	Battery Backup**

*480V available for 4 and 4H models only.
 **Only available for 120-277V models

FLOODLIGHTS



HAZFX



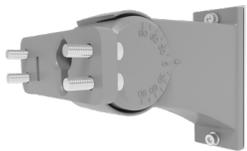
- Class 1 Division 1 (Groups C & D), T6 or T5 (check model)
- Class 1 Division 2 (Groups A, B, C, D), T5 or T4 (check model)
- Certified to UL standard 1598 and 844; 3G Vibration rating
- -40°F to 140°F operating temperature



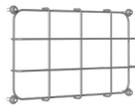
Performance	Size	Catalog No.*	Wattage	Equivalent	Lumens	Efficacy
	Small	HAZFX30x	30W	125W MH	4768	155
		HAZFX60x	60W	250W MH	9219	150
	Large	HAZFX100x	100W	400W MH	16056	156
		HAZFX150x	150W	750W MH	24560	157
		HAZFX200x	200W	750W MH	30794	152

*X in the catalog number represents (SF) slipfitter or (blank) yoke mount.

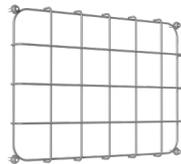
Accessories



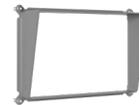
HAZFF-ADJ-ARM
Adjustable Arm for All Sizes



GDHAZFXS
Small Wire Guard



GDHAZFXL
Large Wire Guard



HHAZFXS
Small Hood



HHAZFXL
Large Hood

Ordering Matrix

Product Family	Size/Wattage	Mounting	Color Temp	NEMA Type	Driver	Finish
HAZFX	30 30W 60 60W 100 100W 150 150W 200 200W	Blank Yoke SF SF Slipfitter	Blank 5000K	Blank 7Hx6V	Blank 120-277V, 0-10V Dimming /480 480V, 0-10V Dimming*	Blank Gray

*480V available only for 100W, 150W, 200W models.

FLOODLIGHTS



HAZFFLED

- Class 1, Division 2 (Groups A, B, C, D)
- Certified to UL Standard 1598 and 844
- -40°F to 140°F operating temperature



Performance

	Size	Catalog No.*	Wattage	Equivalent	Lumens	Efficacy
	Small	HAZFFLED30x	30W	125W MH	4798	161
		HAZFFLED60x	60W	250W MH	9540	155
	Medium	HAZFFLED100x	100W	400W MH	16722	163
		HAZFFLED150x	150W	750W MH	23833	161
	Large	HAZFFLED200x	200W	750W MH	32979	161
	XL	HAZFFLED300x	300W	1500W MH	49,322	163
		HAZFFLED400x	400W	2000W MH	65,948	164

*X in the catalog number represents (SF) slipfitter or (blank) yoke mount.

Accessories



HAZFF-ADJ-ARM
Adjustable Arm
for All Sizes



HAZFF-S-H
Small Hood



HAZFF-M-H
Medium Hood



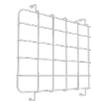
HAZFF-L-H
Large Hood



HAZFF-XL-H
XL Hood



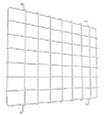
HAZFF-S-WG
Small
Wire Guard



HAZFF-M-WG
Medium
Wire Guard



HAZFF-L-WG
Large
Wire Guard



HAZFF-XL-WG
XL
Wire Guard

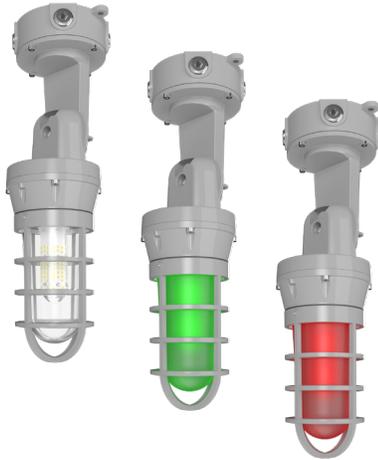
Ordering Matrix

Product Family	Wattage	Mount	Color Temp	NEMA Type	Finish	Driver
HAZFFLED						
	30	Blank	Blank	Blank	Blank	0-10V Dimming, 120-277V 0-10V Dimming, 480V**
	60	SF	5000K	7H X 6V	Gray	
	100	Yoke		6H X 6V*		
	150	Slipfitter				
	200					
	300					
	400					

*NEMA Type 6Hx6V available only on 300 and 400W.

**480V available only for 100, 150, 200, 300 and 400W.

VAPORPROOF



HAZVX

- Class I Division 2, Groups A, B, C, D
- Certified to UL Standard 1598, 1598A, and 844
- -40°F to 122°F operating temperature



HAZVX30

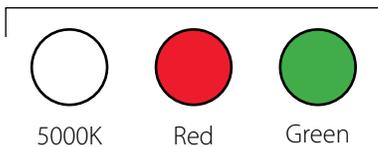
HAZVX20R
HAZVX20G

Performance	Light Color	Catalog No.	Wattage	Equivalent	Lumens	Efficacy
	White	HAZVX30	30W	50W MH	3869	125
	Red*	HAZVX20R	20W	N/A	421	19.8
	Green*	HAZVX20G	20W	N/A	1529	76.1

*Red and Green version is only for 20W

Options

Light Color



Ordering Matrices

Product Family	Wattage	Mounting	Color Temp	Lens	Finish	Driver	Battery Backup
HAZVX	30 30W	Blank Ceiling Mount with Rotating Cap	Blank 5000K	Blank Clear Globe	Blank Gray	Blank 120-277V, 0-10V Dimming	Blank /E None Battery Backup
HAZVX	20 20W	Blank Ceiling Mount with Rotating Cap	R Red LED G Green LED	Blank Frosted Globe	Blank Gray	Blank 120-277V, 0-10V Dimming	Blank /E None Battery Backup

EXIT SIGNS

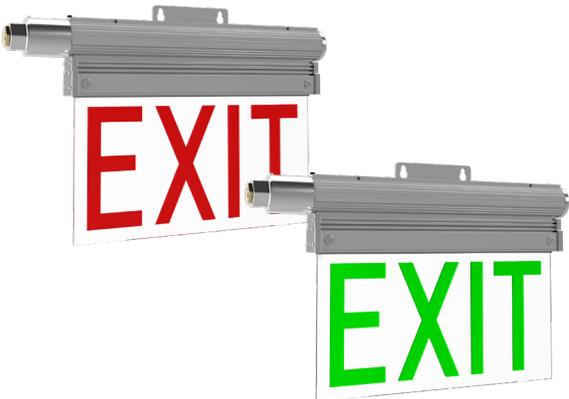
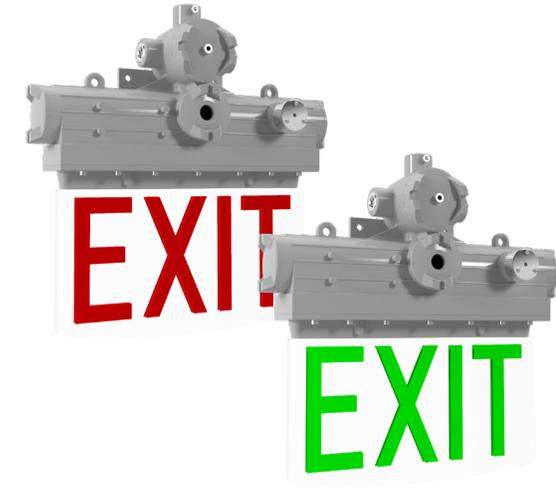
HAZEXITX

- Class I, Division 1 (Groups B, C, D)
- Class I, Division 2 (Groups A, B, C, D)
- Class II, Division 1 (Groups E, F, G)
- Class II, Division 2 (Groups F, G)
- Class III
- Certified to UL Standard 924 and 844
- 32°F to 104°F operating temperature



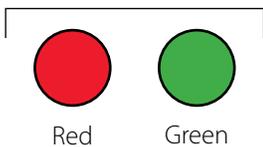
HAZEXIT

- Class I, Division 2 (Groups A, B, C, D)
- Class II, Division 1 (Groups E, F, G)
- Class II, Division 2 (Groups F, G)
- Class III
- Certified to UL Standard 924 and 844
- 32°F to 104°F operating temperature



Options

Letter Color



Red

Green

Ordering Matrix

Product Family	Classification	Mounting	Finish	Driver	Options
HAZEXIT	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Blank X C1D2 C1D1	Blank Wall Mount Kit + Stainless-Steel Tether Cable	Blank Gray	Blank 120-277V	Blank /G Red Letter Green Letter