

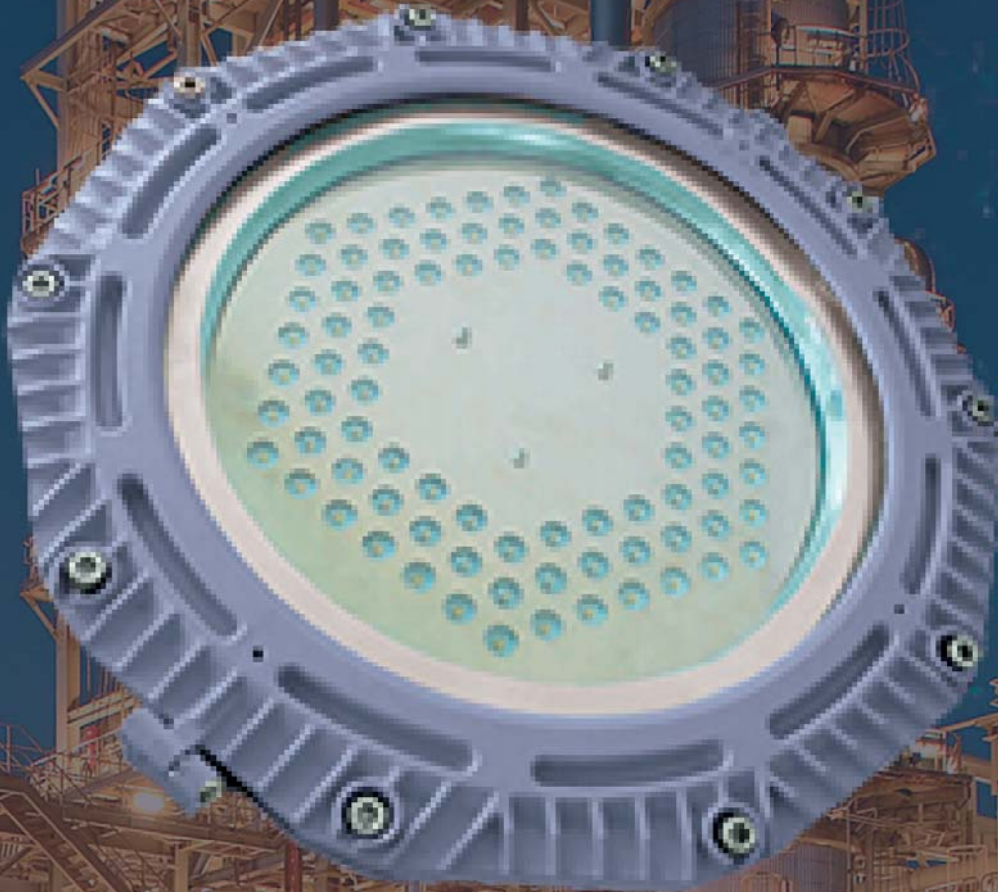


INDUSTRIAL

HAZARDOUS
AREAS

DATA ICT

RESIDENTIAL
COMMERCIAL



B&R Enclosures FROG SERIES LED

brenclosures.com.au

Frog Series LED

Zones 1 & 2, 21 & 22



features & benefits

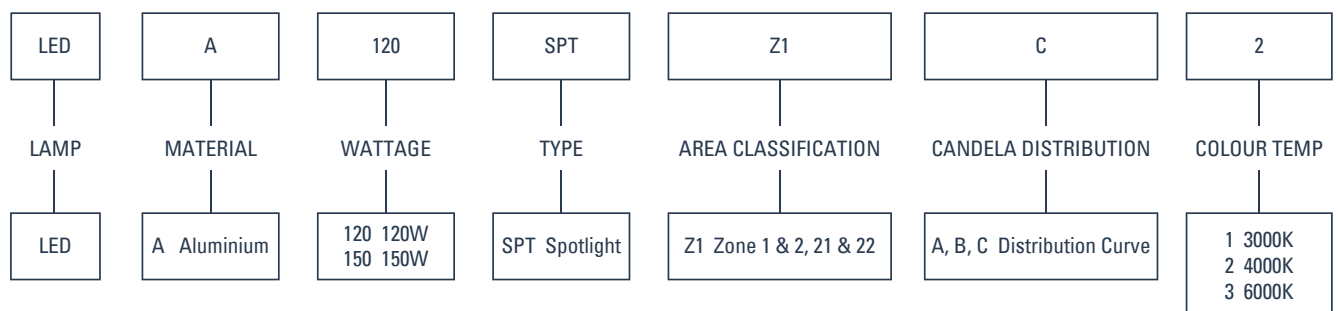
- Can be used as a spotlight, floodlight, area light, street light, high bay and lowbay depending on choice of optics and mounting.
- Energy saving — more light less power. Reduce the number of luminaires or add more light.
- Anti-glare — micro-optics reduce direct visual contact with light source.
- Shock and vibration resistant.
- High strength aluminium alloy enclosure.
- Powdercoated RAL7040 Window Grey.
- Suitable for salt water and corrosive environments.

applications

- Petrochemical, metallurgical, power generation and manufacturing industries.
- Oil refineries, offshore production, drilling platforms, fuel depots, chemical plants, including pesticides and fertilisers, paint manufacturing plants, spray booths, service stations, vehicle manufacturing, oxygen and acetylene production, airport hangars, above ground coal mining, sewerage treatment plants, pumping stations, distilleries.
- Grain silos, handling and storage facilities, flour mills, powdered milk production, food and manufacturing.

PROTECTION RATINGS	CERTIFICATION	AMBIENT TEMPERATURE	RATED VOLTAGE	RANGE
Ex d IIBT5 orT6 Gb Ex tb IIICT95°C orT80°C Db IP66	IECEX CQM 13.0003X	-40°C ~ +55°C	AC 180-277V, 50/60Hz	FROG Series

part number convention



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electrical parameters

Product type	Rated input voltage (VAC)	Rated input current (A)	Voltage frequency (Hz)	Rated power (W)	PF	THD	Cable Entries
LEDA120	180 ~ 277	0.7 ~ 0.4	50/60	120	>0.98	<10%	2 x M25
LEDA150	180 ~ 277	0.9 ~ 0.5	50/60	150	>0.98	<10%	2 x M25

photometric parameters

Product type	Part Number	CCT (K)	CRI	Luminous flux (lm)	Candela distribution
LEDA120	LEDA120SPTZ1C1	3000	82	9680	C
	LEDA120SPTZ1C2	4000	70	12100	
	LEDA120SPTZ1C3	6000	70	12100	
LEDA150	LEDA150SPTZ1C1	3000	82	11710	C
	LEDA150SPTZ1C2	4000	70	14640	
	LEDA150SPTZ1C3	6000	70	14640	

* For candela distribution curve "C": Refer to ies files for luminous flux for other distributions.

other parameters

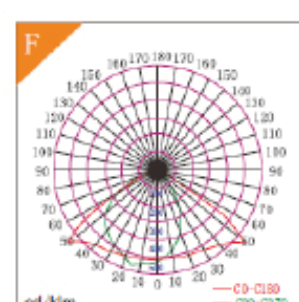
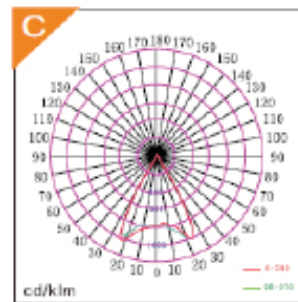
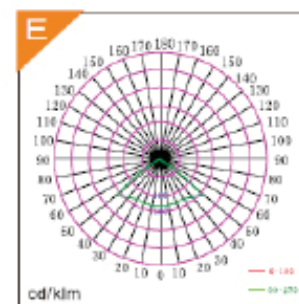
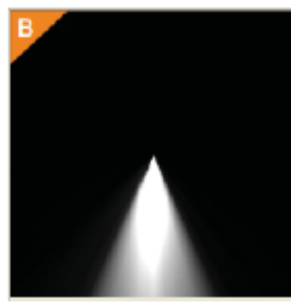
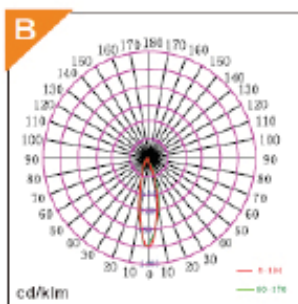
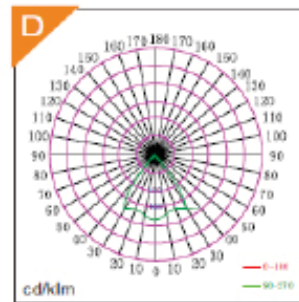
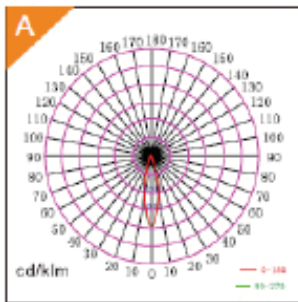
Product type	Size (mm)	Weight (kg)	Ambient Temperature (°C)	Max. surface temp (°C)	Temp classification	IP code	Insulation
LEDA120	Ø410 x 190	13.9	-40°C ~ +55°C	45	T6/T80°C	IP66	I
LEDA150			-40°C ~ +55°C	54	T5/T95°C		

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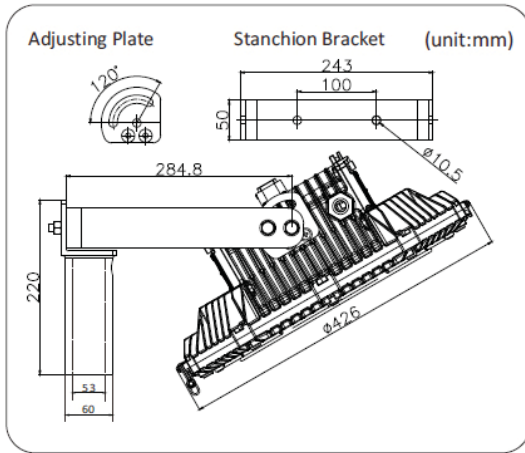
candela distribution



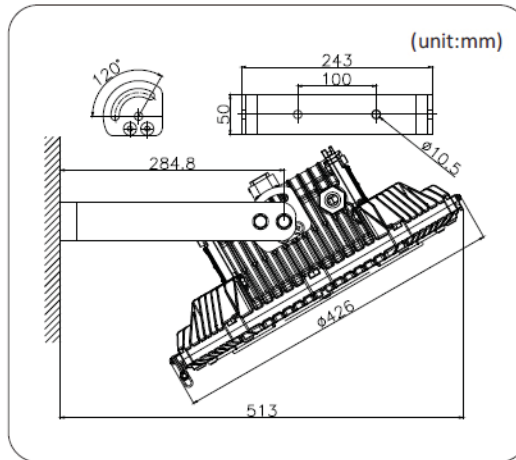
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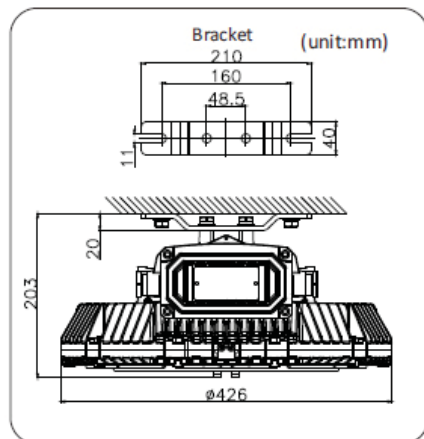
installation method



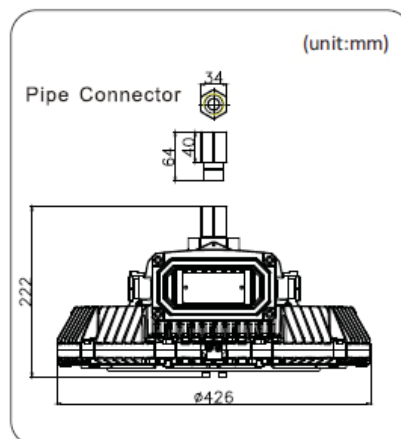
Pole mount



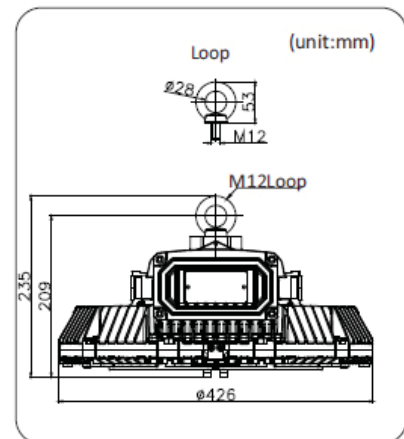
Wall mount



Ceiling Mount

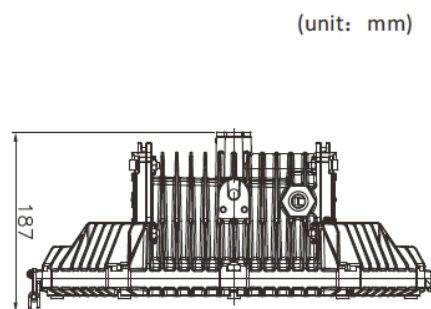
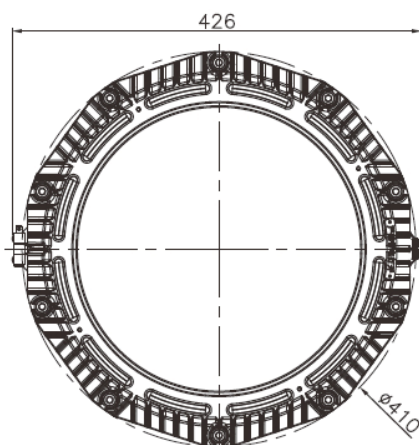


Pipe mount



Pendant Mount

dimensional drawings



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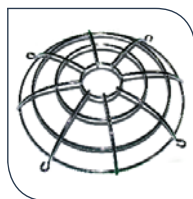


optional parts

Part Number	Product	Material	Weight (kg)	Qty Required
ELABRCFR	Bracket for surface mounting	Steel	0.4	1
ELAGUFR	Guard	304 stainless steel	0.38	1
ELALOFR	Eyebolt for pendant mounting	Steel / 304 stainless steel	0.26	1
ELAPCRFR	Pipe Connector	304 stainless steel	0.26	1
ELASBT1FR	Stanchion Bracket type 1	Steel	1.63	1
ELASBT2FR	Stanchion Bracket type 2	Steel	2.26	1



ELABRCFR



ELAGUFR



ELALOFR



ELAPCRFR

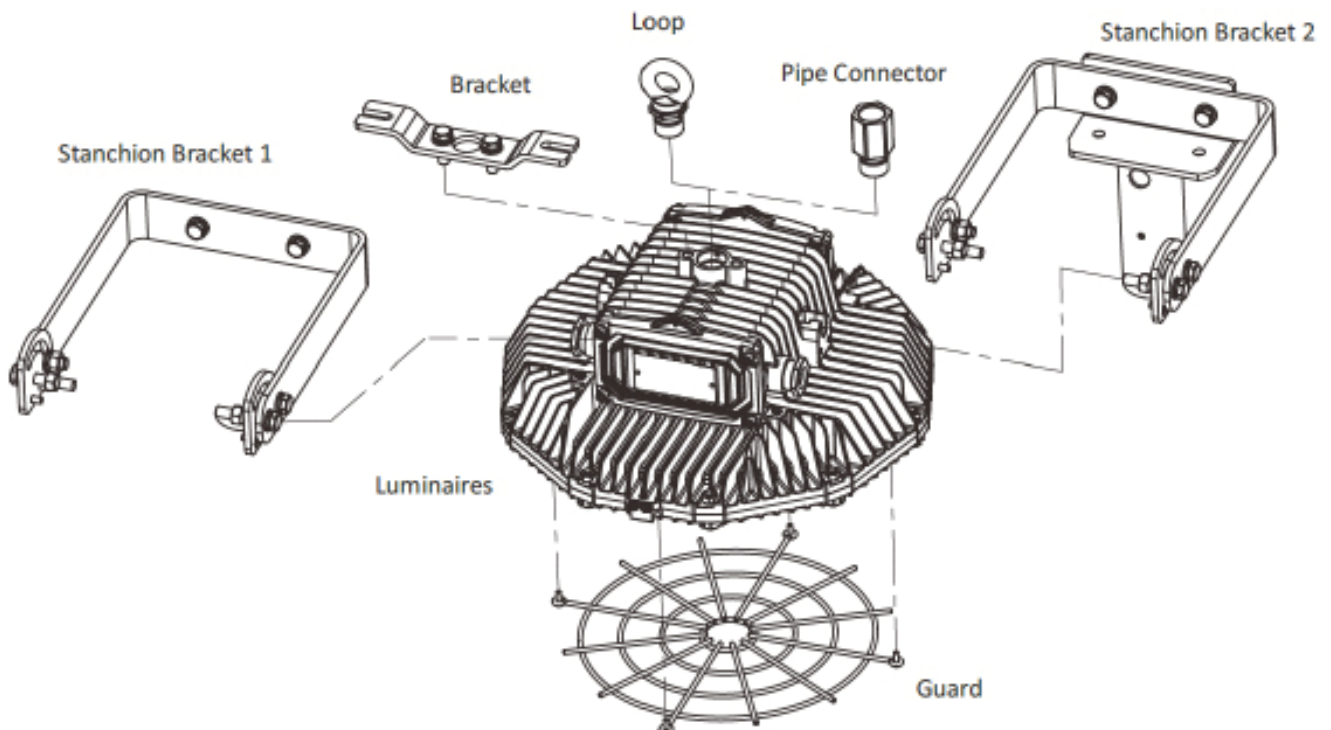


ELASBT1FR



ELASBT2FR

accessories



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