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## **B&R Enclosures** FORESTFROG SERIES LED

[brenclosures.com.au](http://brenclosures.com.au)

# Forestfrog Series LED

Zones 1 & 2, 21 & 22



## features & benefits

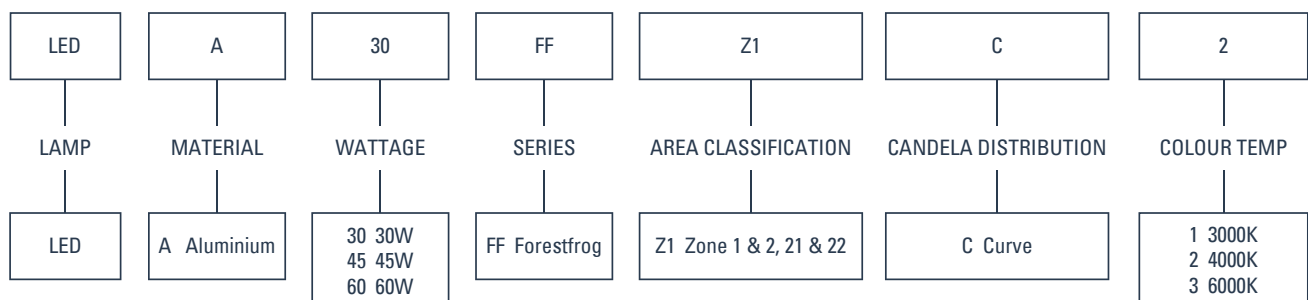
- Can be used as a spotlight, floodlight, area light, street light, high bay and lowbay depending on choice of optics and mounting.
- Energy saving — more light less power. Reduce the number of luminaires or add more light.
- Anti-glare — micro-optics reduce direct visual contact with light source.
- 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 IIC T6 ~ T4 Gb Ex tb IIIC T80°C ~ T130°C Db IP66	IECEX CQM 15.0039X	-40°C ~ +55°C	AC 100-277V Other voltages available on request	FORESTFROG 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 Entry
LEDA30	100-277	0.31 ~ 0.11	50/60	30	>0.98	<10%	1 x M25
LEDA45	100-277	0.47 ~ 0.17	50/60	45	>0.98	<10%	1 x M25
LEDA60	100-277	0.63 ~ 0.22	50/60	60	>0.98	<10%	1 x M25

## photometric parameters

Part Number	CCT (K)	CRI	Luminous flux (lm)	Candela Distribution*
LEDA30FFZ1C1	3000	82	2410	C
LEDA30FFZ1C2	4000	70	3010	
LEDA30FFZ1C3	6000	70	3010	
LEDA45FFZ1C1	3000	82	3490	C
LEDA45FFZ1C2	4000	70	4360	
LEDA45FFZ1C3	6000	70	4360	
LEDA60FFZ1C1	3000	82	4540	C
LEDA60FFZ1C2	4000	70	5680	
LEDA60FFZ1C3	6000	70	5680	

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



### CAN'T FIND WHAT YOU'RE LOOKING FOR?

Other Distribution Curve options are available on request. Contact us today to discuss your requirements.

## other parameters

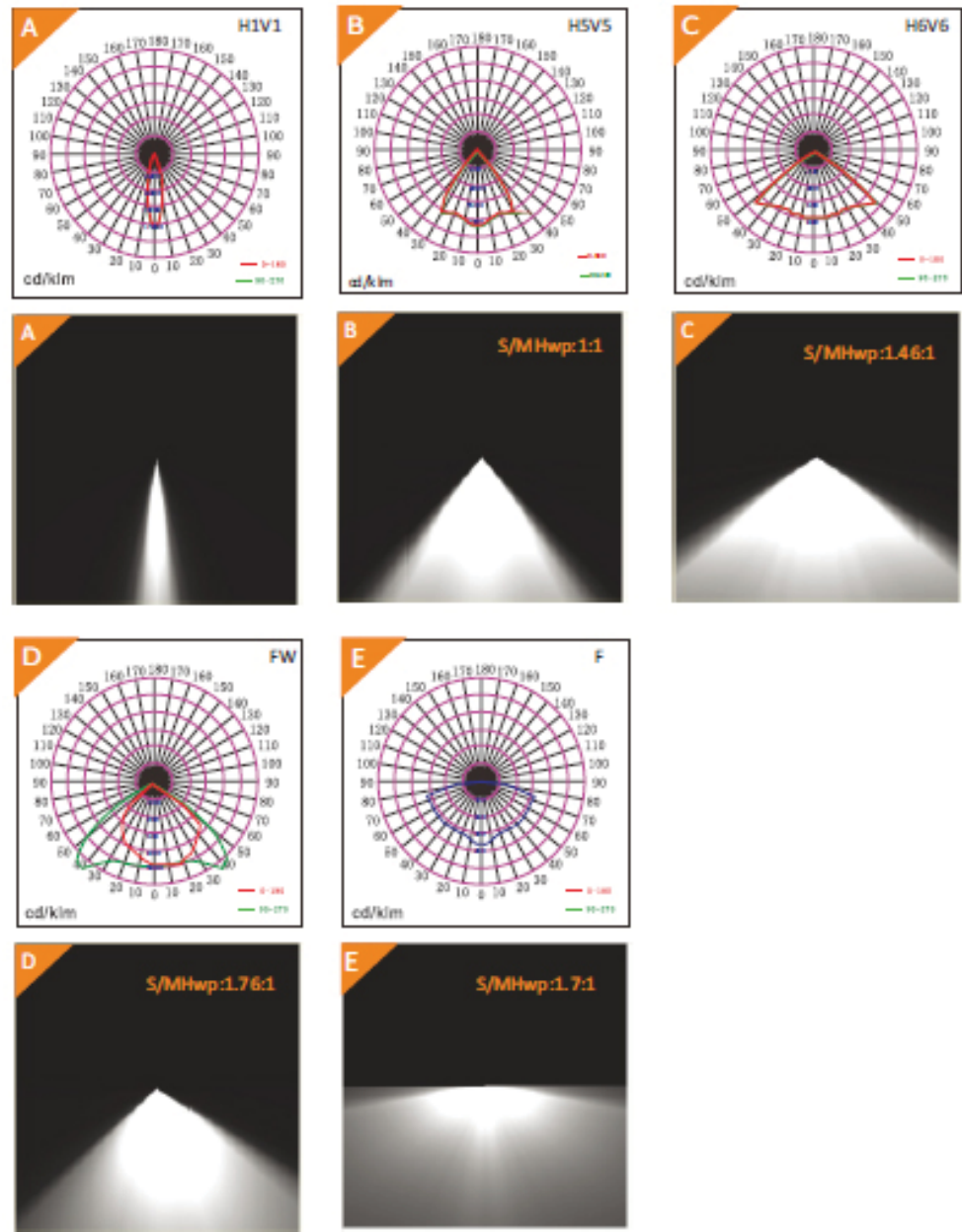
Product type	Size (mm)	Weight (kg)	Ambient Temperature	Temp Classification	IP	Insulation
LEDA30	Ø220x220	3.3	-40°C ~ +40°C	T6 / T80°C	66	I
			-40°C ~ +55°C	T5 / T95°C		
LEDA45	Ø220x220	3.3	-40°C ~ +40°C	T6 / T80°C		
			-40°C ~ +55°C	T5 / T95°C		
LEDA60	Ø220x220	3.3	-40°C ~ +40°C	T5 / T95°C		
			-40°C ~ +55°C	T4 / T130°C		

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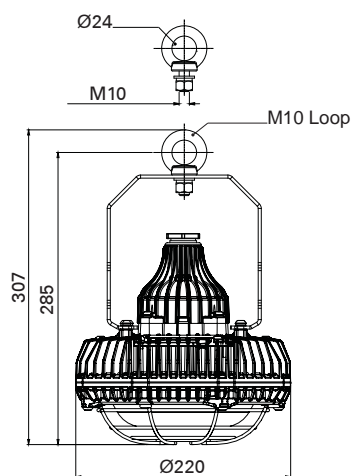
candela distribution



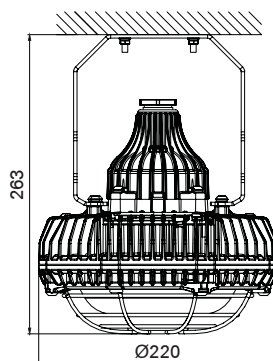
# Forest Frog Series LED

Zones 1 & 2, 21 & 22

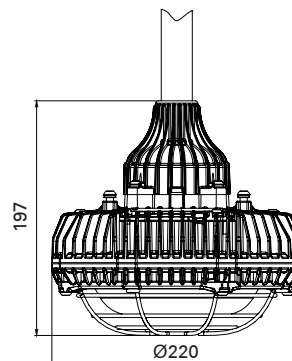
## dimensional drawings



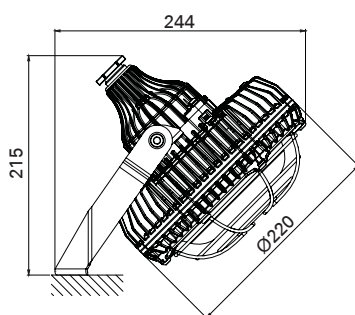
Pendant Mount



Ceiling Mount



Pole Mount



Trunnion Mount



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### optional parts

Part Number	Description	Weight (kg)	Qty Required
ELABRFFO	Pendant Bracket	0.24	1
ELALOFFO	Loop	0.36	1
ELASBTFFO	Stanchion Bracket	0.47	1
ELAPCRFM	Pipe Connector	0.28	1
ELAGUFF	Guard	0.13	1



ELABRFFO



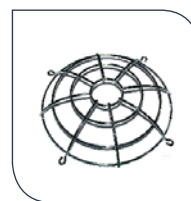
ELALOFFO



ELASBTFFO

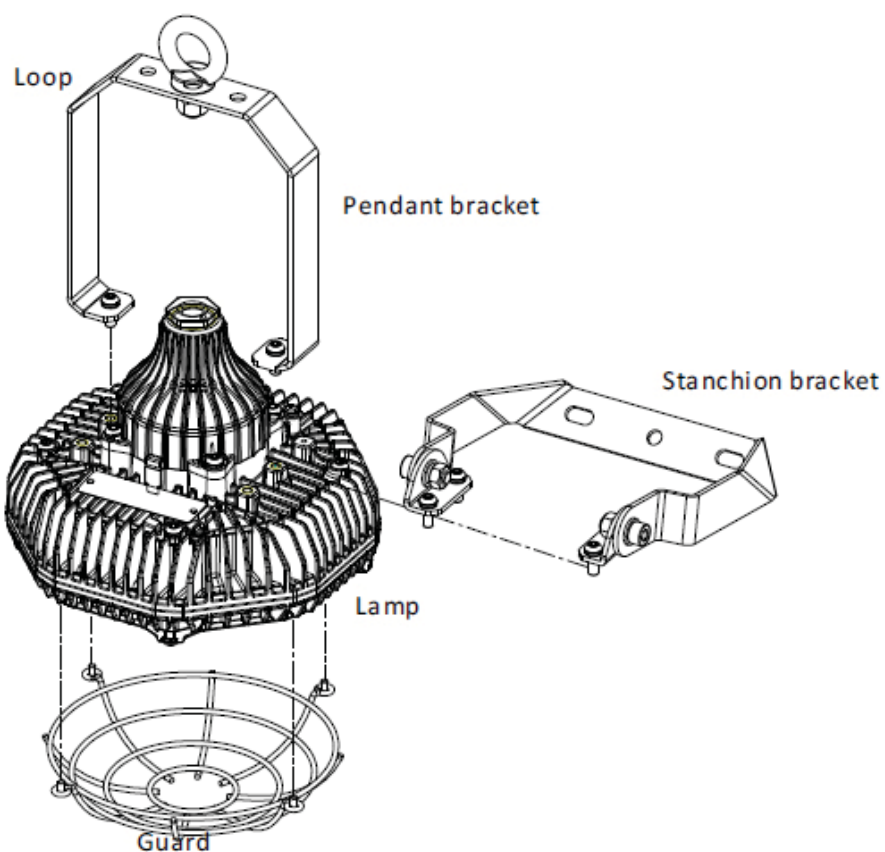


ELAPCRFM



ELAGUFF

### accessories



## AUSTRALIA

### Sales

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### VICTORIA

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### TASMANIA Distribution

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