



A slim decorative LED luminaire that achieves a very low profile by integrating a reflective surface gear tray within the body to produce a timeless, clean and simple design.



FEATURES

- Energy efficient LED gear tray with a life span of 30,000 hours (L70)
- Available in two sizes – Ø 245 and 325mm
- Robust polycarbonate body with decorative trim available in white or chrome
- Opal polycarbonate diffuser (Ø245mm available in clear or opal)
- Also available without trim

SIMPLE TO INSTALL AND USE

- Clip-in diffuser without any screws for quick and easy assembly
- LED gear tray
- BESA box fixing points for easy cable entry
- Wall or ceiling mountable
- Interior use

TYPICAL APPLICATIONS

- Bathrooms
- Utility areas
- Student accommodation
- Budget hotels
- Social and key worker housing



Designed and Manufactured in the UK



ICEBREAKER LED

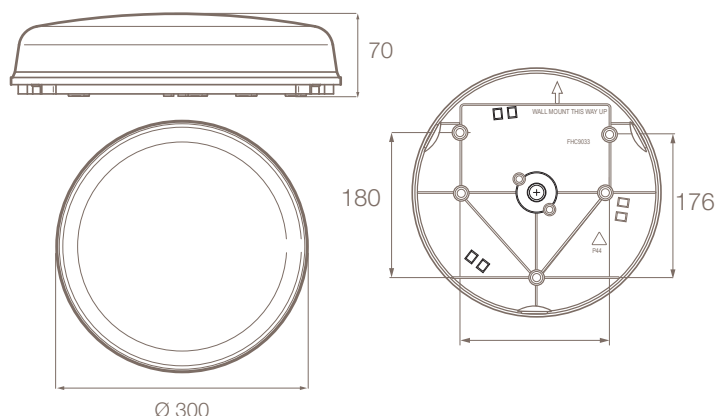


Icebreaker Ø300mm
with and without trim



Icebreaker Mini Ø217mm, with and without trim

TECHNICAL INFORMATION



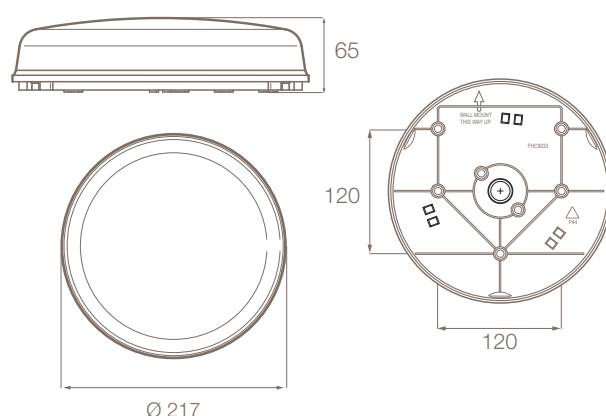
Dimensions, 2 sizes:

Mini: Ø 245 x 65mm
Large: Ø 325 x 70mm

Weight:

Mini: 0.5kg
Large: 0.85kg

Mounting type:



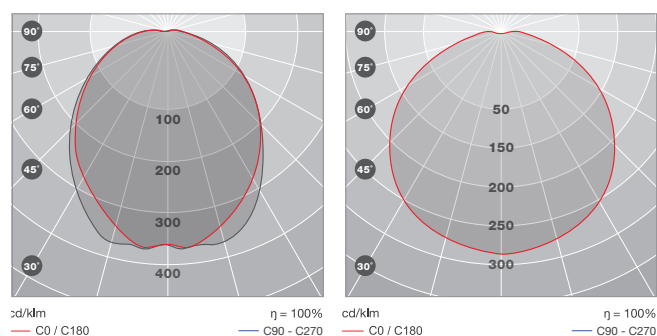
Base Colour Options:

- White trim
RAL 9003
- Chrome trim
RAL 9005 50% gloss

Diffuser Options:

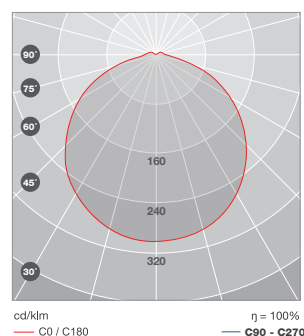
- Clear Diffuser
- Opal Diffuser

LIGHT DISTRIBUTION



Mini Clear

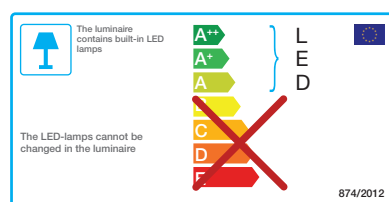
Mini Opal



Opal

Photometric files at
www.fernhoward.com

STANDARDS



ICEBREAKER LED

ORDERING GUIDE

Standard Product Code			Light Management Options Suffix*								Performance Data		
	Trim Options	Diffuser Options**	DALI	Dimming	Corridor Function	3hr Emergency	Self-Test	DALI Emergency	Microwave Sensor	Photocell	Lumen Output lm	Wattage W	Efficacy lm/W
Icebreaker Mini LED													
FHBL-20-075	HW / HC / W	CL	-	-	CF	-	-	-	MS	-	1,100	11	100
	HW / HC / W	OP	-	-	CF	-	-	-	MS	-	950	11	86
Icebreaker LED													
FHBL-20-095	HW / HC / W	OP	-	-	CF	EM	-	-	MS	-	1,230	14	88

FHBL-20-075 - HC - CL - CF - MS

Example Code: Icebreaker Mini 11W, Chrome Trim, Clear with Corridor Function and Microwave Sensor

*CF is only available in combination with MS

*MS cannot be combined with EM

**Available with White (HW) or Chrome (HC) trim or without trim (W)

Lumen Output in EM:

Opal diffuser - 280lm

30,000
Hours
L70

>83
CRI (Ra)

4,000K
Colour
Temperature



Fern-Howard products are manufactured in the UK at our modern factory in Alton, Hampshire. Luminaires are manufactured and tested in accordance with BS EN60598. Incorporated control gear and components comply with BS/VDE standards. Luminaires are tested in accordance with IES LM-79-08.