READING LIGHT COLLECTION

POLARIS-F

Reading light in SS 316L or aluminium · 2 W · 45° beam



POWER 2 W	EFFICACY 125 lm/W
LIGHT SOURCE LED · CRI 80	BEAM 45°
PROTECTION IP44	BODY SS 316L · Al

Overview

POLARIS-F is a flexible reading light with a body in marine-grade SS 316L stainless steel or aluminium. A high-power LED source with CRI 80 delivers up to 125 lm/W with a 45° beam. It draws 2 W, comes in 2700K, 3000K or 4000K and runs on 3–32 VDC with an integrated driver. It dims via PWM and can be integrated into 1–10V, DMX512, DALI and Wi-Fi control systems. With IP44 protection and ten body finishes, POLARIS-F suits cabins, berths and saloons on board.

Specifications

Power	2 W
Supply voltage	3–32 VDC
Driver	Integrated
Dimming	PWM
Colour temperature	2700K / 3000K / 4000K
Luminous efficacy	125 lm/W (max.)
Light source	High-power LED
Colour rendering	CRI 80
Beam	45°
Body material	SS 316L or aluminium
Body finishes	10 options (see page 2)
IP rating	IP44
Operating temperature	–30 °C … +50 °C
Protection class	III
Installation	Wall mounted

Front View



Compliance

UKCA
UK conformity assessed

CE
European conformity

RoHS
RoHS compliant

Class III
Safety extra-low voltage

F mark
For normally flammable surfaces

–30 °C … +50 °C
Operating temperature

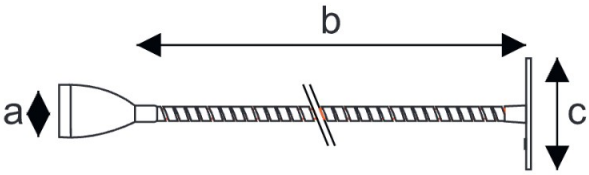
ORDERING INFORMATION

Product Code

POLARIS-F	32	2	316 · AL	PSS ... G	2700K · 3000K · 4000K
MODEL Reading Light	SIZE	POWER (W)	BODY SS 316L / Aluminium	FINISH See body finishes	CCT

Example: POLARIS-F-32-2-316-MSS-3000K — Polaris-F, 2 W, SS 316L, matt 316L finish, 3000K

Dimensions (mm)



Models

MODEL	CODE	POWER	A	B	C
Polaris-F	POLARIS-F-32-2	2 W	32	300	80

Dimensions as given in the catalogue. All dimensions in mm.

Body Finishes

- **PSS** Polished 316L
- **MSS** Matt 316L
- **SSS** Satine 316L
- **MB** Matt Black
- **MW** Matt White
- **RAL** RAL Code
- **AN** Silver Anodised
- **MBR** Matt Bronze
- **MG** Matt Gold
- **G** Gold

Beam



Colour Temperature

- 2700K Extra warm white
- 3000K Warm white
- 4000K Neutral white

Control Options



1-10V Controller



DMX512A



Dali Controller


LED IOT WI-FI

- **PWM** — integrated dimming
- **1–10V** — via compatible controller
- **DMX512** — via compatible decoder
- **DALI** — via compatible controller
- **Wi-Fi** — via compatible Wi-Fi controller

Light output and power may vary by up to ±10% due to production and component tolerances. Driver integrated; supply 3–32 VDC. IES files available on request.