POLARIS LIGHT

PS-FOOD

Round high bay for food manufacturing

FOOD MANUFACTURING



PRODUCT DESCRIPTION

PS-FOOD is a round high bay for food manufacturing and similar high-ceiling sites. The round shape helps stop dust and dirt collecting on top of the fitting.

- Round shape to limit dust and dirt on top
- IP69K ingress protection (IK10)
- Meanwell driver, Philips LED chips
- Optional motion and daylight sensors
- Optional DALI / Zigbee
- 100–200 W at 160 lm/W

IP69K
Ingress

160
lm/W

Sensor
Optional

5 Yrs
Warranty



FOOD MANUFACTURING

High bays that stay clean on top

A round high bay shaped so dust and dirt are less likely to collect on top — suited to food manufacturing halls.

Round housing

Prohibits dust and dirt collecting on top, as required in food manufacturing sites (Polaris sheet).

Wash-down capable

IP69K and IK10; high-transmittance PC cover; no exposed screws.

Sensor options

Optional motion sensor and daylight sensor (Polaris sheet).

CERTIFICATION IP69K IP69K

Food-grade claims limited to those stated on the sheets. No certificate numbers published. 5-year warranty on the fitting.

Polaris Light Ltd +44 (0)20 8133 2554 | hello@polarislight.com www.polarislight.com

PS-FOOD Technical data

Round high bay for food manufacturing

SPECIFICATION

Efficacy	160 lm/W (Polaris sheet / OEM high-efficiency)
Power / flux	100 W 16,000 lm; 120 W 19,200 lm; 150 W 24,000 lm; 200 W 32,000 lm
Beam angles	30°, 60°, 120°
CCT	2,700–6,500 K (Polaris); OEM lists 5,000 K typical with 3,000/4,000 optional
Input	AC 100–277 V (Polaris); OEM also lists wider ranges
Driver	Meanwell
LED	Philips SMD5050 (Polaris sheet)
Controls	1-10 V / DALI / photocell / NB-IoT (Polaris); Zigbee listed in bullets
Sensors	Optional motion sensor; optional daylight sensor
IP / IK	IP69K / IK10
Housing	Die-cast ADC12, powder coated; white and silvery grey
Lens	Polycarbonate
Operating temperature	–30 °C to +50 °C
Dimensions	300 × 180 mm
Warranty	5 years on the fitting



Product render



Alternate finish



With sensor

TECHNICAL SPECIFICATIONS

Model	Watts	Lumens	Beam
PS-FOOD	100 W	16,000 lm	30° / 60° / 120°
PS-FOOD	120 W	19,200 lm	30° / 60° / 120°
PS-FOOD	150 W	24,000 lm	30° / 60° / 120°
PS-FOOD	200 W	32,000 lm	30° / 60° / 120°

CONFLICTS TO CONFIRM

- IP69K / IK10
- Dimensions 300 × 180 mm
- Do not use 70%/90% energy-saving claims
- NSF mentioned only on OEM — not stated on Polaris sheet, so not claimed on site

5 YEARS
WARRANTY

5-year warranty on the fitting.

