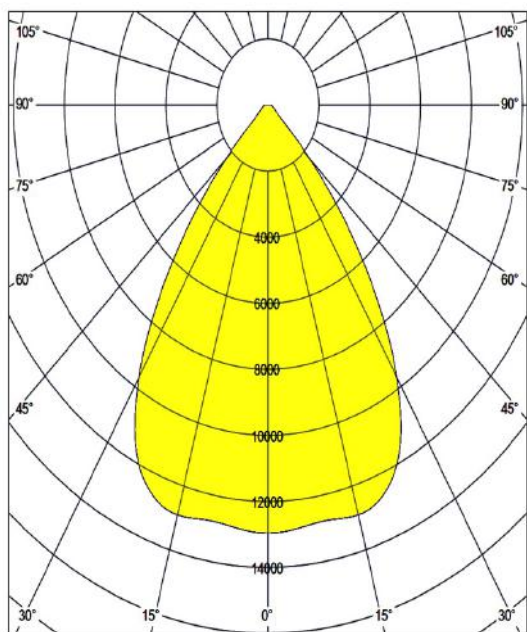




# POLARIS 100 CLASSIC

## INDUSTRIAL LIGHT LED



### TECHNICAL SPECIFICATIONS

Nominal power	95W-100W
Flux	16.435 Lm - 17.300 Lm
Led efficacy	197 Lm/W @ Tj=25°C
System efficacy	173 Lm/W
Led modules	Bridgelux®
Color temperature	5000K/4000K
CRI	70
Optics	Molded optical silicone compound with superior efficiency and lifetime
Lense angles	30°, 75°, 100°, 150°
Ingress protection	IP65
Impact protection	IK07
Operating temperature range	-30°C/+50°C
Diameter	224mm
Height	209mm
Weight	5,8 Kg
Warranty	5 years
Main reference standards	EN 60598-1, EN 60598-2-5, EN 60529, EN 62262, EN 55015, EN 62471, EN 61547, EN 61000-3-2, EN 61000-3-3

\*Η τελική φωτεινή ροή του φωτιστικού εξαρτάται από τον εκάστοτε συνδυασμό οπτικού, τροφοδοτικού και από τη θερμοκρασία χρώματος του led chip

### ELECTRICAL SPECIFICATIONS

Power supply	Fixed
Voltage range	100VAC-305VAC
Frequency	47-63 Hz
Power factor	≥0,95/230VAC
Power supply lifetime	>100.000 hours
Safety standards	LVD EN61347-1, EN61347-2-13 Independent, GB19510.1, GB19510.14
EMC standards	Compliance to EN55015, EN61000-3-2 EN61000-3-3, GB17743, GB17625.1, EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
Led chip lifetime (Bridgelux)	L90B00 50,000 hours at 25°C Ta L80B20 70,000 hours at 25°C Ta L70B30 100,000 hours at 25°C Ta

### MATERIALS

Fixing-cooler	Aluminum alloy 6063
Optics	Polycarbonate (PC)
Mounting options	Inox Threaded loop / Bracket stainless steel 316L