



GE
Lighting



A++
energy class

127
lumens/watt

Albeo™ LED Luminaire – ABR1 series

ABR172H479NDSTANW1PK

93032248

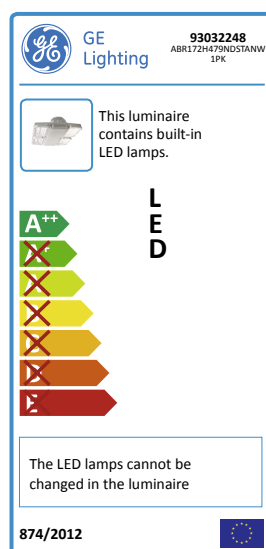
Product information

Albeo™ continues to build on groundbreaking high bay and low bay LED luminaires. The Albeo™ ABR1-Series expands the product offering to include an IP66 rated fixture for hightemperature (up to 65°C) industrial environments.

Application areas



Industrial



Product data

Dimensions	406mm x 490mm x 86mm
Energy efficiency class (EEC)	A++
IP Rating	66
Certifications	CE
Impact resistance	IK08
Mounting type	Suspended
DIALux description	GE - Albeo™ LED Luminaire – ABR1 series - 22600lm - 178W - 4000K - 70CRI - 93032248[SKU] - Suspended
Dimmability	YES

Performance data

Ambient Temperature [°C]	-30 to +60
Nominal lumens [lm]	22600
Rated life [h]	100000
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	70
Total system power	178

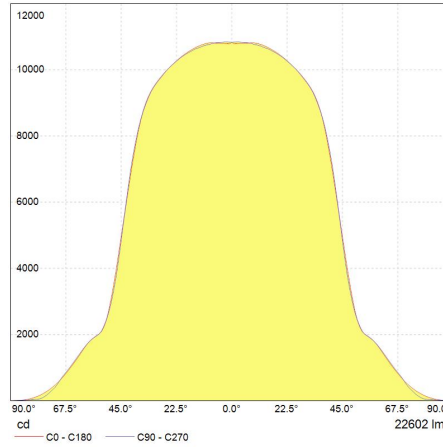
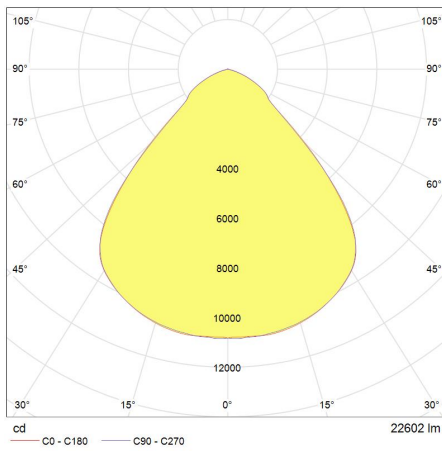
Electrical data

Controllability	Dimmable electronic (DALI)
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Logistic data

Product status	Available
Pack quantity	1

Photometric Data

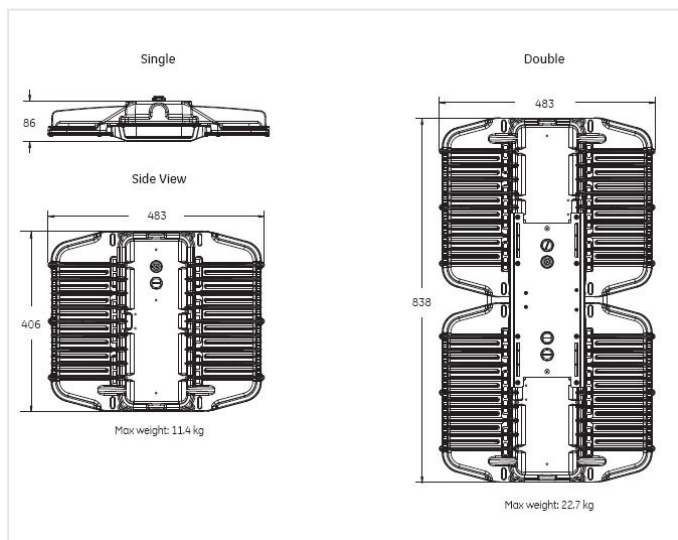


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.96 0.97	E(0°) 43313 E(C90) 8193 E(C0) 8125
1.0	1.92 1.93	E(0°) 10828 E(C90) 2048 E(C0) 2031
1.5	2.89 2.90	E(0°) 4813 E(C90) 910 E(C0) 903
2.0	3.86 3.86	E(0°) 2707 E(C90) 512 E(C0) 508
2.5	4.81 4.83	E(0°) 1733 E(C90) 328 E(C0) 325
3.0	5.77 5.79	E(0°) 1203 E(C90) 228 E(C0) 226

Distance [m] Cone diameter [m] Illuminance [lx]

C0 - C180 (Half-value angle: 88.0°)
C90 - C270 (Half-value angle: 87.8°)

Technical drawing



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Albeo™ LED Luminaire – ABR1 series Data sheet \(PDF\)](#)

[Albeo™ LED Luminaire – ABR1 series Fiche Technique FR \(PDF\)](#)

[Albeo™ LED Luminaire – ABR1 series Images \(HTTP\)](#)

[All Albeo™ LED Luminaire – ABR1 series photometric files \(ZIP\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[Certificate for the Quality Management System of GE Lighting EMEA \(PDF\)](#)

[Certificate for the Environmental Management System of GE Lighting EMEA \(PDF\)](#)