



GE
Lighting



A++
energy class

120
lumens/watt

Albeo™ LED Luminaire – ABR1 series

ABR172H475NVSTANW1PK

93031198

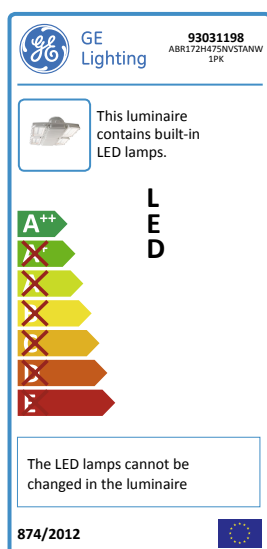
Product information

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 - 21400lm - 178W - 4000K - 70CRI - 93031198[SKU] - Suspended
Dimmability	YES

Performance data

Ambient Temperature [°C]	-30 to +60
Nominal lumens [lm]	21400
Rated life [h]	100000
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	70
Total system power	178

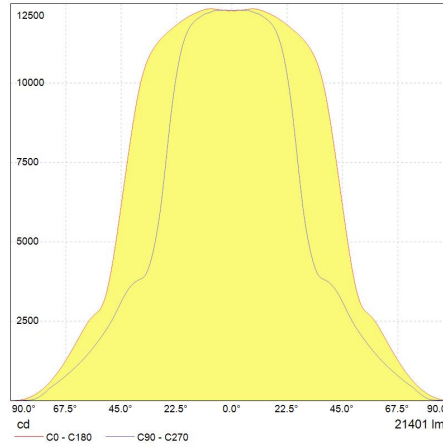
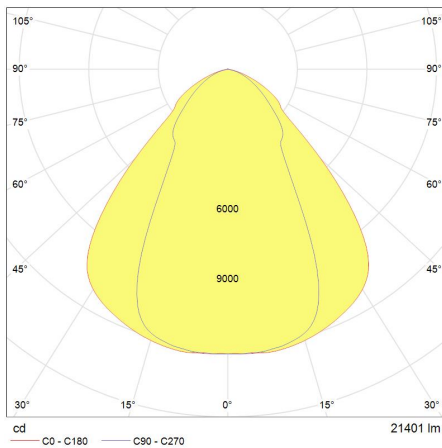
Electrical data

Controllability	Dimmable electronic (0-10V)
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Logistic data

Product status	Available
Pack quantity	1

Photometric Data

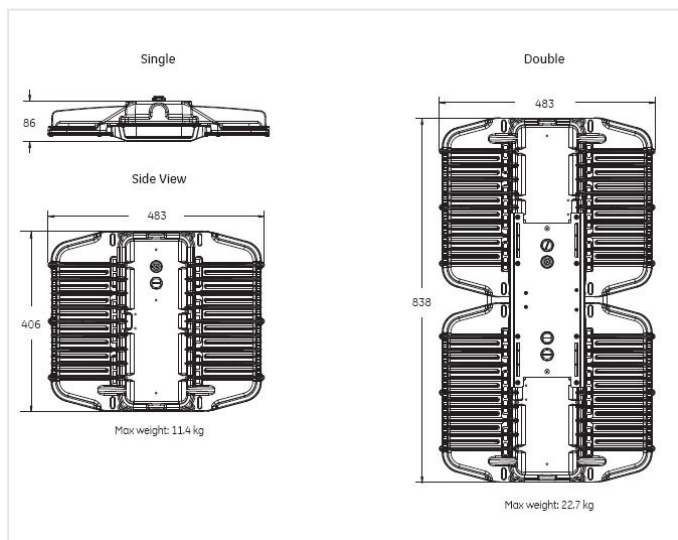


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.55 1.00	E(0°) 49125 E(C90) 28.8° 16599 E(C0) 44.9° 8833
1.0	1.10 1.99	E(0°) 12281 E(C90) 28.8° 4150 E(C0) 44.9° 2208
1.5	1.65 2.99	E(0°) 5458 E(C90) 28.8° 1844 E(C0) 44.9° 981
2.0	2.20 3.99	E(0°) 3070 E(C90) 28.8° 1037 E(C0) 44.9° 552
2.5	2.75 4.98	E(0°) 1965 E(C90) 28.8° 664 E(C0) 44.9° 353
3.0	3.30 5.98	E(0°) 1365 E(C90) 28.8° 461 E(C0) 44.9° 245

Distance [m] Cone diameter [m] illuminance [lx]

C0 - C180 (Half-value angle: 88.8°)
C90 - C270 (Half-value angle: 57.6°)

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 \(PDF\)](#)