



GE
Lighting



A++

energy class

117

lumens/watt

Albeo™ LED Luminaire – ABR1 series

ABR172H489NVSTANW1PK

93032083

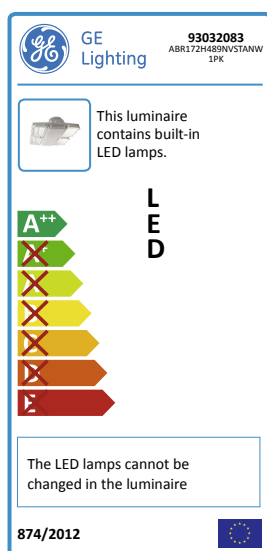
Product information

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 - 20900lm - 178W - 4000K - 80CRI - 93032083[SKU] - Suspended
Dimmability	YES

Performance data

Ambient Temperature [°C]	-30 to +60
Nominal lumens [lm]	20900
Rated life [h]	100000
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	80
Total system power	178

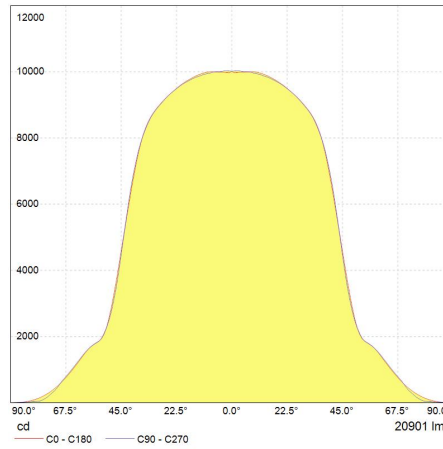
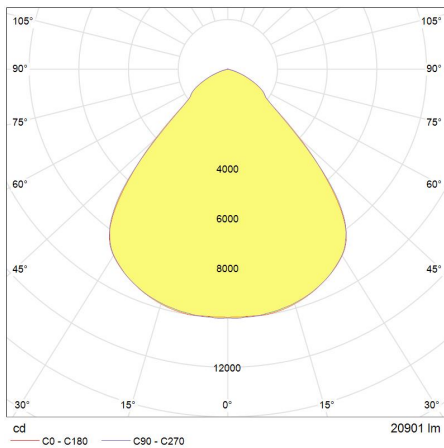
Electrical data

Controllability	Dimmable electronic (0-10V)
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Logistic data

Product status	Available
Pack quantity	1

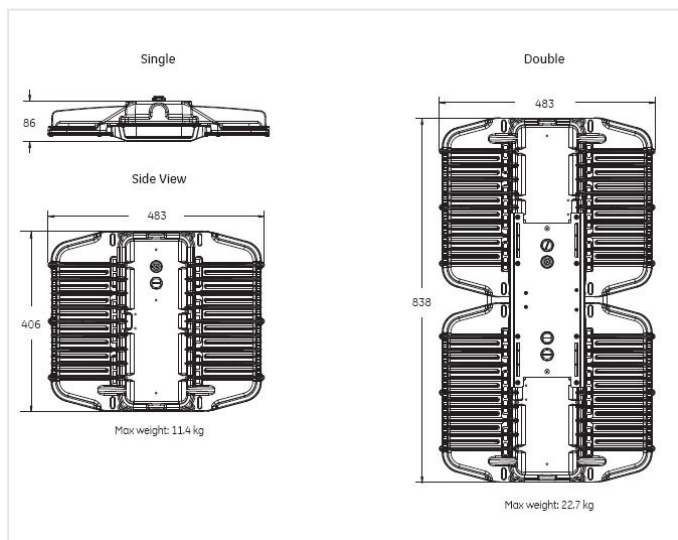
Photometric Data



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.96 0.97	E(0°) 40055 E(C90) 43.9° 7577 E(C0) 44.0° 7514
1.0	1.92 1.93	E(0°) 10014 E(C90) 43.9° 1894 E(C0) 44.0° 1878
1.5	2.89 2.90	E(0°) 4451 E(C90) 43.9° 842 E(C0) 44.0° 835
2.0	3.86 3.86	E(0°) 2503 E(C90) 43.9° 474 E(C0) 44.0° 470
2.5	4.81 4.83	E(0°) 1602 E(C90) 43.9° 303 E(C0) 44.0° 301
3.0	5.77 5.79	E(0°) 1113 E(C90) 43.9° 210 E(C0) 44.0° 208

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 \(PDF\)](#)