



GE
Lighting



A++

energy class

139

lumens/watt

Albeo™ LED Luminaire – ABR1 series

ABR172T471NVSTANW1PK

93031196

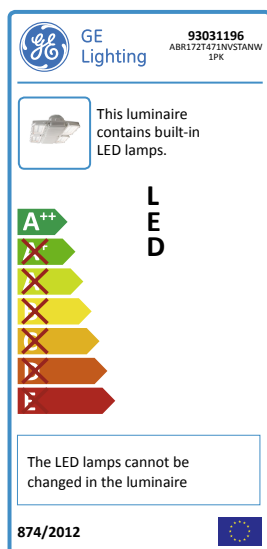
Product information

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 - 17400lm - 125W - 4000K - 70CRI - 93031196[SKU] - Suspended
Dimmability	YES

Performance data

Ambient Temperature [°C]	-30 to +65
Nominal lumens [lm]	17400
Rated life [h]	100000
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	70
Total system power	125

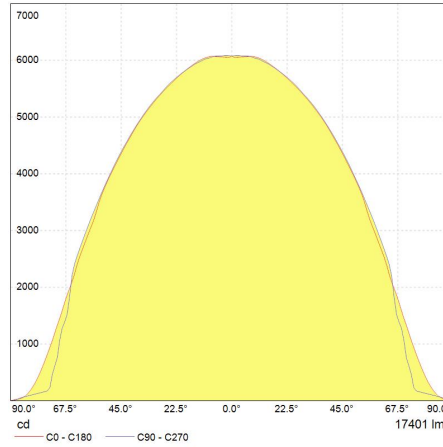
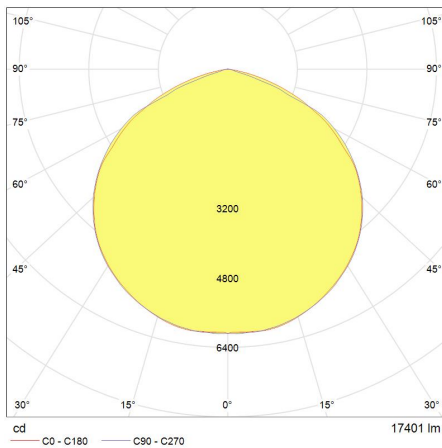
Electrical data

Controllability	Dimmable electronic (0-10V)
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Logistic data

Product status	Available
Pack quantity	1

Photometric Data

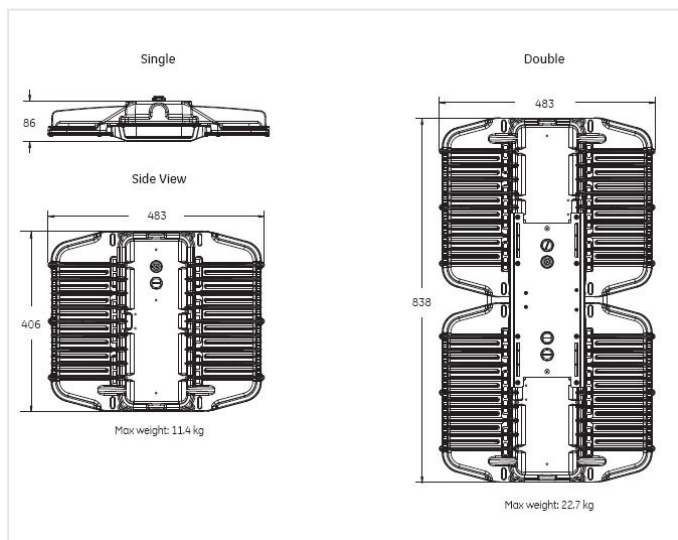


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.64 1.56	E(0°) 24308 E(C90) 58.7° 1713 E(C0) 57.4° 1907
1.0	3.29 3.13	E(0°) 6077 E(C90) 58.7° 428 E(C0) 57.4° 477
1.5	4.93 4.69	E(0°) 2701 E(C90) 58.7° 190 E(C0) 57.4° 212
2.0	6.58 6.25	E(0°) 1519 E(C90) 58.7° 107 E(C0) 57.4° 119
2.5	8.22 7.82	E(0°) 972 E(C90) 58.7° 69 E(C0) 57.4° 76
3.0	9.87 9.38	E(0°) 675 E(C90) 58.7° 48 E(C0) 57.4° 53

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

C0 - C180 (Half-value angle: 114.8°)
C90 - C270 (Half-value angle: 117.4°)

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 \(PDF\)](#)