



GE
Lighting



A++

energy class

139

lumens/watt

Albeo™ LED Luminaire – ABR1 series

ABR172T471NDSTANW1PK

93031200

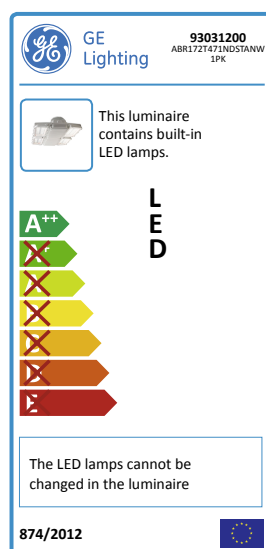
Product information

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 - 93031200[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 |

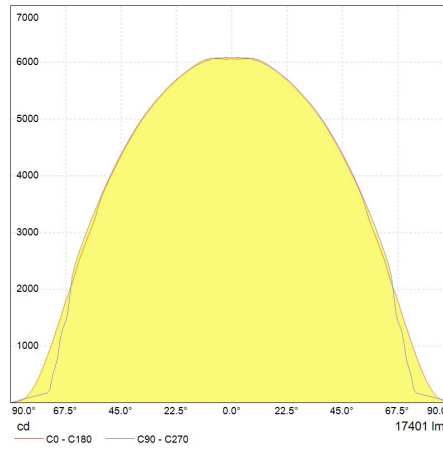
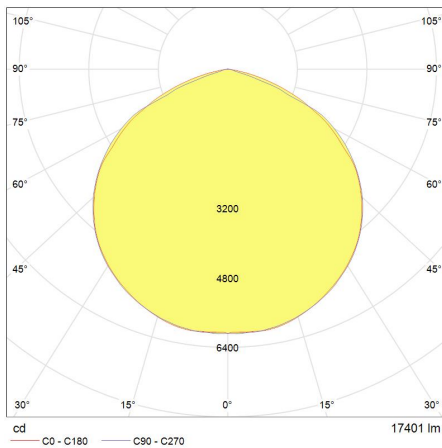
Electrical data

| | |
|-----------------|----------------------------|
| Controllability | Dimmable electronic (DALI) |
|-----------------|----------------------------|

Logistic data

| | |
|----------------|-----------|
| Product status | Available |
| Pack quantity | 1 |

Photometric Data

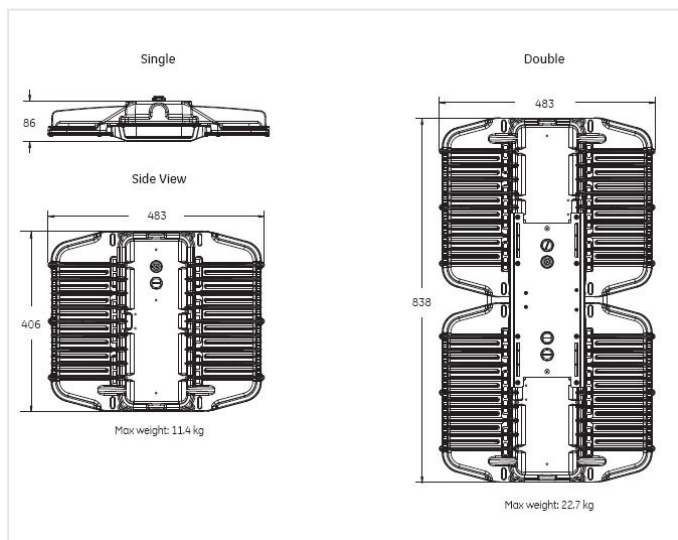


| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 1.64 1.56 | E(0°) 24308 E(C90) 58.7° 1713 E(C0) 57.4° 1907 |
| 1.0 | 3.29 3.13 | E(0°) 6077 E(C90) 58.7° 428 E(C0) 57.4° 477 |
| 1.5 | 4.93 4.69 | E(0°) 2701 E(C90) 58.7° 190 E(C0) 57.4° 212 |
| 2.0 | 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 \(PDF\)](#)