

Classic style. Smarter outdoor light.

Bronze housing / Integrated photocell / Wall and curved arm mounting

18,000

NOMINAL LUMENS

120W | 100W | 80W

Select wattage directly on the fixture

Vontair II combines familiar barn light styling with efficient LED performance and automatic dusk-to-dawn operation.

RuggedGrade TunableTech lets you select 3000K, 4000K or 5000K to suit barns, yards, driveways and building exteriors.



Built for everyday outdoor performance

Automatic nighttime lighting	Integrated photocell turns the light on at dusk and off at dawn.
Flexible output and color	Three wattages and three color temperatures; 0-10V dimming.
Outdoor construction	IP65 wet-location rating; die-cast aluminum housing and PC lens.
Mounting flexibility	Direct wall mount or included curved mounting arm.
Product assurance	UL Listed; DLC Premium 6.0; 5-year warranty.

Nominal output is rounded. See color-specific source ratings on page 2. Product image is illustrative.

Technical specifications

Color-specific performance and electrical ratings for the 120W configuration

Optical performance by color temperature

Color temperature	3000K	4000K	5000K
Lumen output	17,963.92 lm	18,994.52 lm	18,910.29 lm
Source-rated efficacy	150.20 lm/W	164.74 lm/W	158.87 lm/W

Wattage / color selection	120W 100W 80W; 3000K 4000K 5000K
Color rendering / consistency	CRI >80; <7 SDCM
Distribution / beam angle	Type V; 140° x 140° at 50% intensity (±10%)
BUG rating	B3-U0-G2

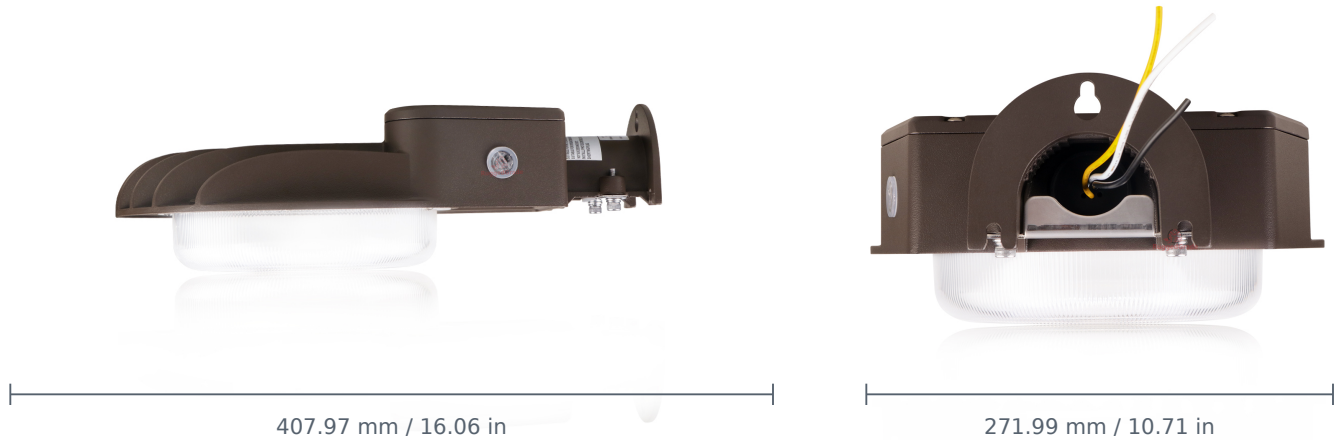
Electrical and integrated controls

Input voltage / frequency	120-277VAC; 50/60Hz
Power factor / THD	PF ≥0.9 (-3% tolerance); THD ≤20% (+5% tolerance)
Flicker percentage	<30%
Driver	BECKY BQ-120B2-260-AA
Driver surge protection	4kV line/neutral-to-earth; 6kV line-to-neutral
Dimming	0-10V standard; minimum dimming level 10% (IEC 60929 Annex E)
Integrated control	Dusk-to-dawn photocell

For external 0-10V dimming, keep the wattage selector at 120W.

Dimensions and construction

Fixture dimensions shown without the curved arm / Millimeters and inches

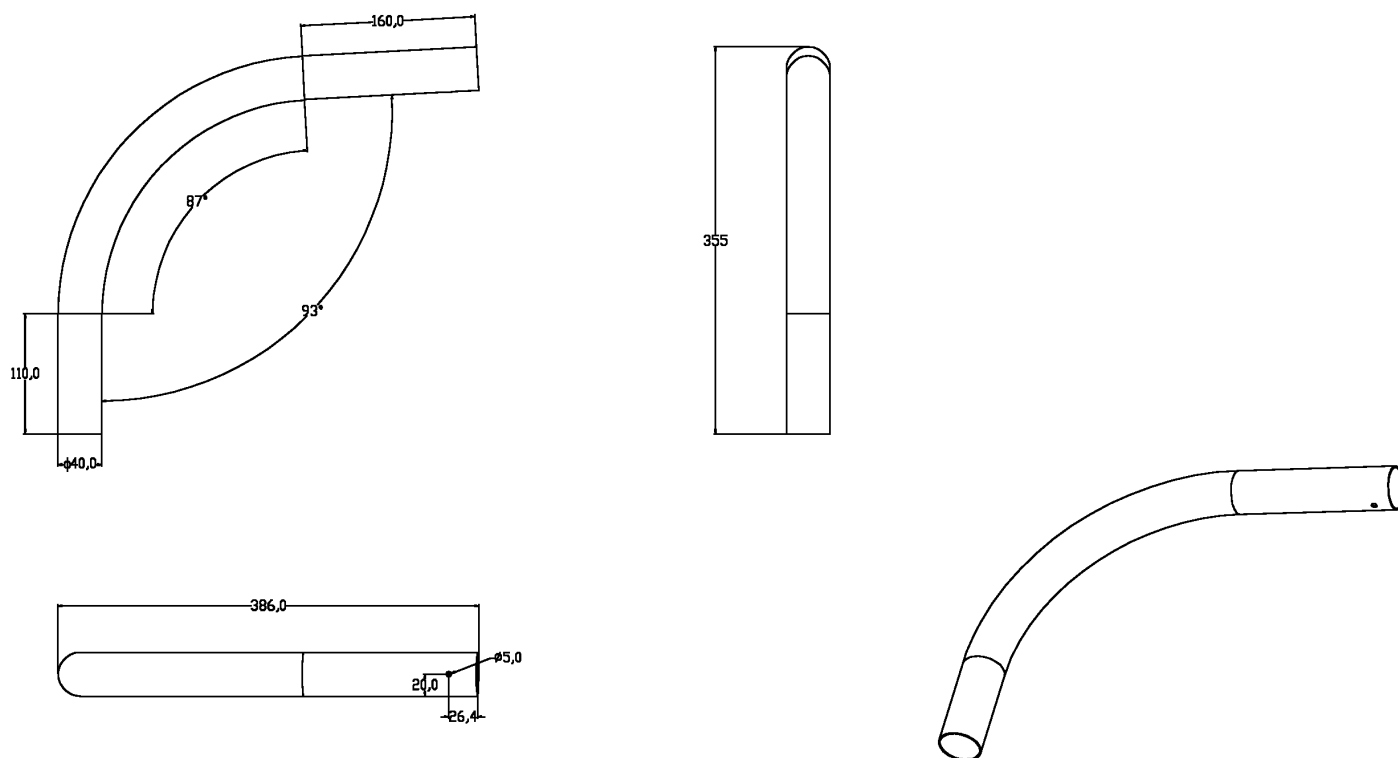


Materials and environmental ratings

LED source	Lumileds SMD2835; 432 LEDs (216 x 2)
Housing / finish	Die-cast aluminum / bronze
Lens	Polycarbonate (PC)
Mount arm opening	42 mm / approximately 1.65 in
Effective projected area	0.42 ft ²
Environmental protection	IP65; suitable for wet locations
Operating temperature / humidity	-40°C to +50°C / 20-90% RH
Storage temperature / humidity	-40°C to +80°C / 10-95% RH

Arm mount dimensions

Curved mounting arm / Original dimensional views with inch equivalents below

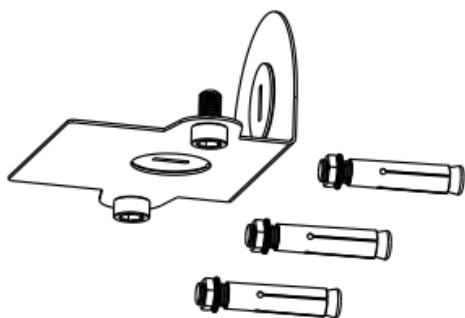


Arm dimensions

Overall horizontal projection	386 mm / 15.20 in
Overall height	355 mm / 13.98 in
Tube outside diameter	40 mm / 1.57 in
Upper straight section	160 mm / 6.30 in
Lower straight section	110 mm / 4.33 in
Angles shown	87° / 93°
Hole diameter / end offset	5 mm / 0.20 in; 26.4 mm / 1.04 in
Hole centerline offset	20 mm / 0.79 in

Mounting, packaging and support

Installation flexibility, product identification and warranty information



Direct wall mount
Three-bolt mounting configuration. Curved arm and assembly hardware included; select fasteners appropriate for the mounting surface.

Packaging

Net fixture weight	2.5 kg / 5.51 lb per fixture
Inner carton / quantity	470 x 335 x 168 mm / 18.50 x 13.19 x 6.61 in; 1 fixture
Inner carton gross weight	3.0 kg / 6.61 lb
Outer carton / quantity	485 x 350 x 355 mm / 19.09 x 13.78 x 13.98 in; 2 fixtures
Outer carton gross weight	6.6 kg / 14.55 lb

Product identification and support

DLC model: RGL-VONTAIR-120WLT5DC1-abcWe30/40/50
UL Listed | DLC Premium 6.0 | 5-year warranty
Utility rebate eligibility depends on local program requirements.

Disconnect power before installation or service. Installation must be performed by qualified personnel. Verify supply voltage and insulate all wiring connections. For flickering or loss of light, disconnect power and contact RuggedGrade for support.

RuggedGrade customer and technical support
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