TECHNICAL DATA SHEET

SKU NUMBER#: 662187524832

ALTERF LED LINEAR HIGHBAY 100 W

POWER: 100 W | CCT: 5000 K

Product Description:

The RLUX ALTERF LED LINEAR High Bay is designed for a variety of applications and mounting heights. Wide angle optics, multiple lumen packages and color temperatures make it ideal for industrial, commercial, manufacturing, gymnasium and other applications, that utilize traditional linear fluorescent and HID fixtures. Suggested mounting heights are between 15-25 feet. This high bay reduces up to 70% of the energy usage and has a life span of over 10 years. This fixture is available in a frosted or clear.

Features:

- 1,00,000 hours of lifetime.
- Superior heat dissipation capability due to use of multiple heat sinks.
- Smooth and uniform light output with no flickering or humming.
- Sleek design and Low-profile makes it suitable for a wide range of applications.
- Savings of up to 75% over conventional fluorescent fixtures.
- Resistant to vibration and water.
- Inputs voltage range: 100-277 / 200-480 V, 50-60 Hz.

Ordering Information

Part Number	Fixture Type	Dimming	Wattage	CCT	Voltage	CRI	Internal
3	XX	X	YYYYW	C	L	X	Y

Series Code

Model Number	Wattage	CCT Optional	CRI	Efficacy	Diffuser Type
302D0100WCLXY	100 W	5000 K	70+ / 80+	150 lm/W	Clear / Frosted

Fixture Details

Electrical

Power	100 W
Voltage	100-277 V
Current	0.8564 A
Power Factor	> 0.95
Total Harmonic Distortion (THD)	3.12%
Surge Protection	5kV

Lighting Performance

Lumens	15000 lm
Efficacy	150 lm/W
Color Temperature (CCT)	5000 K
Color Rendering (CRI)	70+ / 80+
Beam Angle	103.7°
Light Distribution	Type VS
Dimmable Lighting Control	0-10V, Range 10% - 100%

Construction

Housing	Aluminum
Base / Power Supply	Hard Wired
Finish	White
Heat Sink Type	Aluminum
Optics Material / Lens	Clear / Frosted
Diffuser	Clear / Frosted
Number of LEDs	544

Components

LED Light Source	Bridgelux / CREE 2835, 0.5 W
Driver	Meanwell

Environment

Operating Temperature	-10° F ~ 120° F
Ingress Protection Rating (IP)	IP40

RLUX reserves the right to discontinue products or to change the technical and/or design specifications at any time.
The product images shown are for illustration purposes only and may be an exact representation of the product. Specifications subject to change without notice.

Fixture Dimension (inch)

Length	22.8
Width	9.88
Height	1.87
Net Weight (lbs)	8.37
Gross Weight (lbs)	10.03

Packaging Dimension

Box Dimensions (inch)	24.80 x 12.20 x 3.93
Box Weight (lbs)	1.54
Quantity Per Box	1

LifeSpan

Average Life (Hours)	100000
Warranty (Years)	5

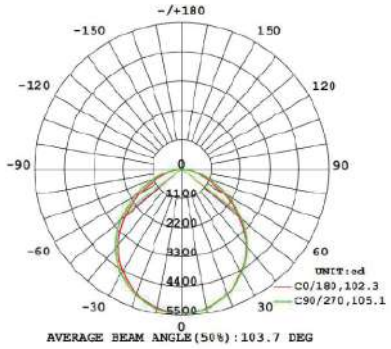
Qualifications

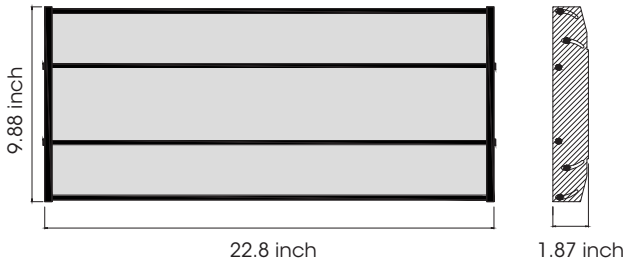
Model Number	302D0100WCLXY
SKU Number	662187524832

DesignLights Consortium®(DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Optometric Data

100 W





Mounting Brackets

662187525259	Surface Mount Kit	1

RLUX reserves the right to discontinue products or to change the technical and/or design specifications at any time.
The product images shown are for illustration purposes only and may be an exact representation of the product. Specifications subject to change without notice.