

ALTA Series LED Linear Bay Light

Wattage & CCT Selectable

Project Name:	
Catalog Number:	
Notes:	



Product Description:

The Konlite ALTA Series Linear Bay Light is the premiere choice for various applications as it is both wattage and CCT selectable, with offered accessories of PIR motion sensors and emergency backup batteries. Available in 2 ft and 4 ft lengths, the ALTA Series Bay Light saves consumers money on both energy and maintenance costs. Ideal for both new constructions and retrofitting, this series is designed to replace 4 to 8 F32T8/F54T5 Fluorescent Tube Lights or 250-1000W Metal Halides.

Applications:

- Warehouses/Storage Facilities
- Industrial Facilities
- Retail Centers
- Auto Body Shops
- Gymnasiums
- Manufacturing Plants, etc.

Features:

Construction

Heavy-Duty Thick Gauge Steel

Electrical

- 0-10V Dimmable Driver
- Input Voltage: 120-277V
- Operating Temperature Range: -40°F to 113° F

Optic

- 4000K/5000K Selectable
- CRI > 80
- Glare Free Frosted Diffuser
- Beam Angle: 120°

Installation

- Hanging Chains (Included)
- Surface/Pendant Mount Kit (Sold Separately)

Controls

Motion Sensor Compatible (Sold Separately)

Certifications

- UL Wet Location Listed
- DLC 5.1 Premium*

Notes: DesignLights Consortium™ Qualified and classified for DLC 5.1 Premium Standard (all lumen packages), refer to www.designlights.org for details.

Warranty

5-year limited warranty. Complete warranty terms located at: <https://revolveled.com/pages/konlite-led-luminaire-limited-warranty>

Ordering Information

Example: KAT105MCLV2FM1B1

Series	Wattage	CCT	Voltage	Size	Motion Sensor	Emergency Battery
KAT	105=(105/90/80)W 165=(165/140/130)W 225=(225/195/175)W 300=(300/260/230)W	MC=4000K/5000K	LV=120-277V = 277-480V	2F=2FT 4F=4FT	Blank=Without Motion Sensor M1=Motion Sensor M2=NCL	Blank=Without Emergency Battery B1=20W Emergency Battery B2=30W Emergency Battery



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For informational purposes only.
Content is subject to change.

Performance Data

Photometric Data

Lumen values are based on 277 AC input product configuration, contact for performance data on any configurations not shown here.

PART#	Wattage	Lumens	LPW	CCT	DIMMING	Length
KAT105MC	80	13,100	163	4000K	0-10V	1X2'
	80	12,800	159	5000K	0-10V	1X2'
	90	14,450	160	4000K	0-10V	1X2'
	90	14,100	156	5000K	0-10V	1X2'
	105	16,500	157	4000K	0-10V	1X2'
	105	16,100	153	5000K	0-10V	1X2'
KAT165MC	130	20,600	158	4000K	0-10V	1X2'
	130	20,100	154	5000K	0-10V	1X2'
	140	22,000	157	4000K	0-10V	1X2'
	140	21,450	153	5000K	0-10V	1X2'
	165	25,150	152	4000K	0-10V	1X2'
	165	24,550	149	5000K	0-10V	1X2'
KAT225MC	175	30,100	172	4000K	0-10V	1X4'
	175	29,400	168	5000K	0-10V	1X4'
	195	33,200	170	4000K	0-10V	1X4'
	195	32,400	166	5000K	0-10V	1X4'
	225	37,600	167	4000K	0-10V	1X4'
	225	36,650	163	5000K	0-10V	1X4'
KAT300MC	230	37,850	165	4000K	0-10V	1X4'
	230	36,950	160	5000K	0-10V	1X4'
	260	41,950	161	4000K	0-10V	1X4'
	260	40,950	157	5000K	0-10V	1X4'
	300	47,500	158	4000K	0-10V	1X4'
	300	46,300	154	5000K	0-10V	1X4'



Wattage & CCT Selectivity



Selectable Wattages

Size	Wattage Selections	Default Setting
2ft	105W/90W/80W	105W
	165W/140W/130W	165W
4ft	225W/195W/175W	225W
	300W/260W/230W	300W

Selectable CCTs

4000K/5000K

Electrical Data

Model Series	Wattage(W)	Current (A)				
		Input Voltage (V)				
		120	208	240	277	480
KAT105MC	80	0.74	0.43	0.37	0.32	0.19
	90	0.83	0.48	0.42	0.36	0.21
	105	0.97	0.56	0.49	0.42	0.24
KAT165MC	130	1.20	0.69	0.60	0.52	0.30
	140	1.30	0.75	0.65	0.56	0.32
	165	1.53	0.88	0.76	0.66	0.38
KAT225MC	175	1.62	0.93	0.81	0.70	0.41
	195	1.81	1.04	0.90	0.78	0.45
	225	2.08	1.20	1.04	0.90	0.52
KAT300MC	230	2.78	1.60	1.39	1.20	0.69
	260	2.41	1.39	1.20	1.04	0.60
	300	2.13	1.23	1.06	0.92	0.53

Accessories

Field Install (Sold Separately)

	HD09VR-PH PIR Motion Sensor		HD09VR-PHB NLC Wireless PIR Motion Sensor
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Field Install (Sold Separately)

	HD05R Remote Control		Surface/Pendant Mount Kit
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Emergency Backup Battery

	Emergency Backup Battery EMB20U1-260-20W/90min for ALTA-80W~165W, at AC120-277V		Emergency Backup Battery EMB30U1-260-30W/90min, for ALTA-175W~300W, at AC120-277V
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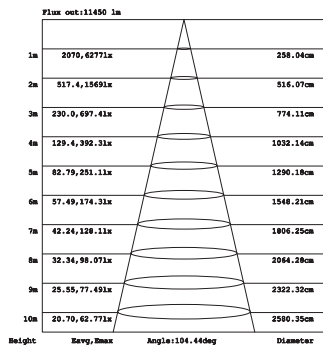
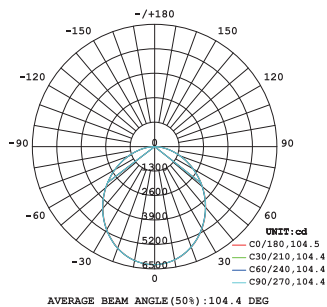
Lumen Maintenance

Operating hours	25,000	50,000	75,000	100,000
Lumen Maintenance Factor	>0.95	>0.89	>0.84	>0.79

Photometric Diagram

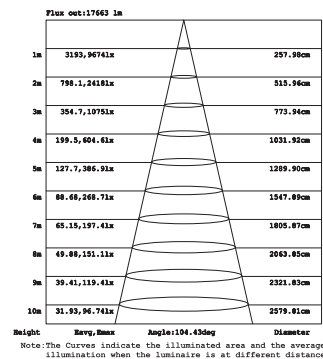
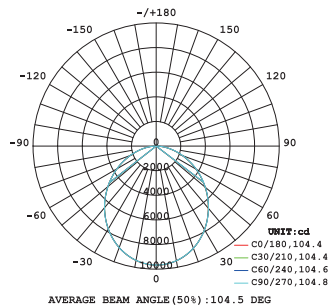
(105/90/80)W-(4000K/5000K)KUV

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



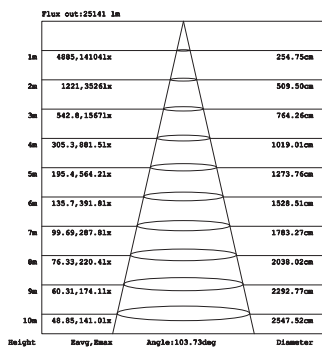
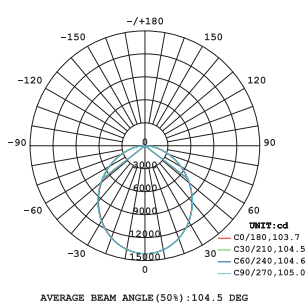
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



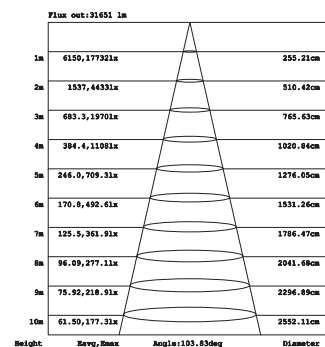
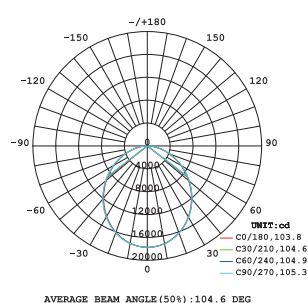
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LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



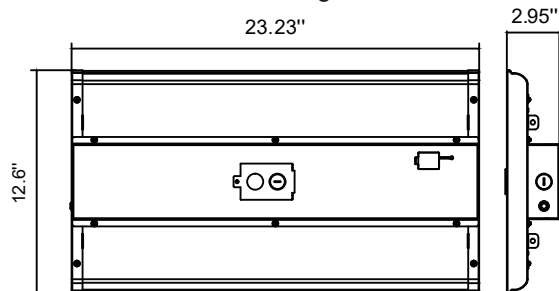
(300/260/230)W-(4000K/5000K)KUV

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Fixture Dimensions

105W/165W Net Weight: 7.45lb.



225W/300W Net Weight: 11.33lb.

