

Airius Lighting



Pegasus (FB)

50w-500w

Spec Sheet

Pegasus Flatbay series is a family of sleek, light weight, ultra-efficient LED luminaires perfectly suited for use where good lighting and minimum glare are paramount.

Features & Benefits

- High Efficiency at >125 lm/W
- Sleek and stylish design
- Durable powder painting
- Built-in emergency unit available upon request
- Simple installation and maintenance
- 0-10V or DALI Dimming options and compatible with all leading sensor brands
- Seven types of optics covering a wide range of illumination performance requirement

Applications

Designed for low or high ceiling applications such as;

- Warehouse racking area
- Production areas
- Logistic centers
- Storage Facilities
- Car Showrooms
- Supermarkets

Technical Specification

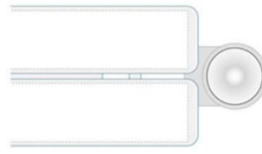
Model Number	LUX-FB-050	LUX-FB-075	LUX-FB-090	LUX-FB-150	LUX-FB-180	LUX-FB-225	LUX-FB-300	LUX-FB-400	LUX-FB-500
LED Max Power (W)	50	75	90	150	180	225	300	400	500
Typical System Power (W)	55	82	99	165	198	248	330	440	550
Typical Luminous Flux (lm)	6,875	10,250	12,375	20,600	24,750	31,000	41,250	55,000	68,750
LED Quantity (pcs)	60	90	120	180	240	300	360	450	600
Dimensions (mm)	540x77x75	800x77x75	540x158x75	800x158x75	1060x158x75	1320x158x75	1060x242x75	1320x242x75	1320x316x75
Weight (kg)	1.1	1.5	2.8	3.8	4.9	6.5	7.5	8.8	12.5

Light Source	Lumileds / Osram mid-power LED
Correlated Colour Temperature	4000K, 5000K, 6500K
Colour Rendering Index	>70 or >80
System Efficacy LED	125 lm/w
Junction Temp.	≤75°C (@ Ta=25°C)
Light Distribution options	Narrow (30°x30°), Medium (60°x60°), Wide (90°x90°), Diffused (120°x120°), Linear asymmetric (30°x90°), Narrow asymmetric (15°x110°), Single asymmetric (25°), Double asymmetric (2 x 25°)
Driver	Meanwell/Lifud 100-
Input Voltage Range	305VAC 50/60Hz
Power Factor	> 0.90
Electrical Class	Class I
Dimming Control (optional)	0-10V, DALI
Ambient Operating Temperature	-40°C to +45°C
Ambient Storage Temperature	-25°C to +80°C
Material	Aluminium
Optical Cover	Polycarbonate
Finish	White powder coated (customized RAL colour available upon request)
Ingress Protection (IP)	IP42 (for indoor use)
Batch Coded	Yes
Sensor compatible	All leading motion or daylight sensors
Certification	CE, CB, SAA, ETL

Accessories

Sensor compatible

Bracket design can be custom made for different sensors (ordered separately)

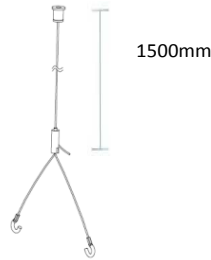


Mounting

Chain mounting and cord suspension kits available as standard. Surface mounting options available on request.



Chain Mounting Kit
*Chain not included

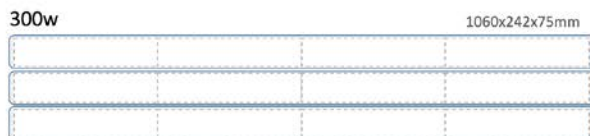


Cord Suspension Kit

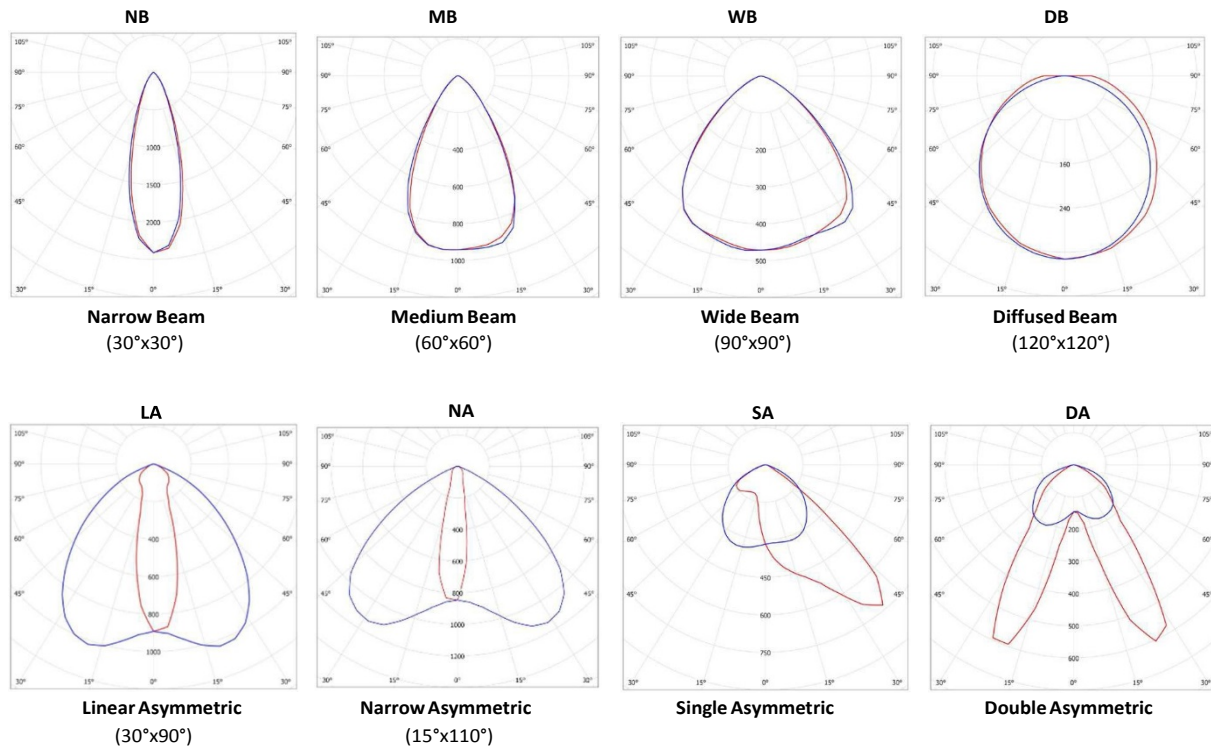
Emergency

3-hour emergency back-up available on request

Dimensions



Photometrics



Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control	Mounting	Finish	(Optional) Emergency
FB	050 = 50W 075 = 75W 090 = 90W 150 = 150W 180 = 180W 225 = 225W 300 = 300W 400 = 400W 500 = 500W	40K = 4000K 50K = 5000K 65K = 6500K	70 = Min 70 80 = Min 80	NB = Narrow Beam (30°x30°) MB = Medium Beam (60°x60°) WB = Wide Beam (90°x90°) SA = Single Asymmetric DA = Double Asymmetric LA = Linear Asymmetric (30°x90°) NA = Narrow Asymmetric (15°x110°) DB = Diffused (120°x120°)	ND = Non-Dimmable VD = 0-10V Dimmable DD = DALI Dimmable	CM = Chain Mounted CS = Cord Suspension	WH = White BL = Black	EM = 3hr Back up

Note: Actual performance may differ as a result of end-user environment and application. All values are typical values, measured under laboratory conditions at 25°C. specifications subject to change without notice.