

Luxtronik



Pegasus (FB)

60w-300w

Spec Sheet

Version 1.0
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Luxtronik Technical Department

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

Features & Benefits

- High efficacy at >130 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

Description	Pegasus LED Flatbay (FB)						
Recommended Product Location	Industrial and aisle lighting applications						
Model Number	LUX-FB-060	LUX-FB-090	LUX-FB-120	LUX-FB-150	LUX-FB-180	LUX-FB-225	LUX-FB-300
LED Max Power (W)	60	90	120	150	180	225	300
Typical System Power (W)	66	99	132	165	198	248	330
Typical Luminous Flux (lm)	8,580	12,870	17,160	21,450	25,740	32,240	42,900
LED Quantity (pcs)	120	180	240	300	360	450	600
Dimensions (mm)	540x158x75	800x158x75	1060x158x75	1320x158x75	1060x242x75	1320x242x75	1320x316x75
Weight (kg)	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 available)						
System Efficacy	130 lm/w						
LED 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						
Input Voltage Range	100-305VAC 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)

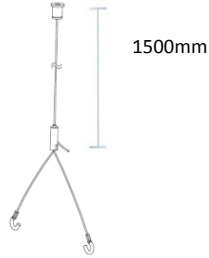


Mounting

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



150mm



1500mm

Chain Mounting Kit
*Chain not included

Cord Suspension Kit

Emergency

3-hour emergency back-up available on request

Dimensions

60w 540x158x75mm



180w 1060x242x75mm



90w 800x158x75mm



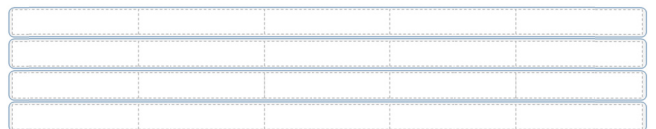
225w 1320x242x75mm



120w 1060x158x75mm



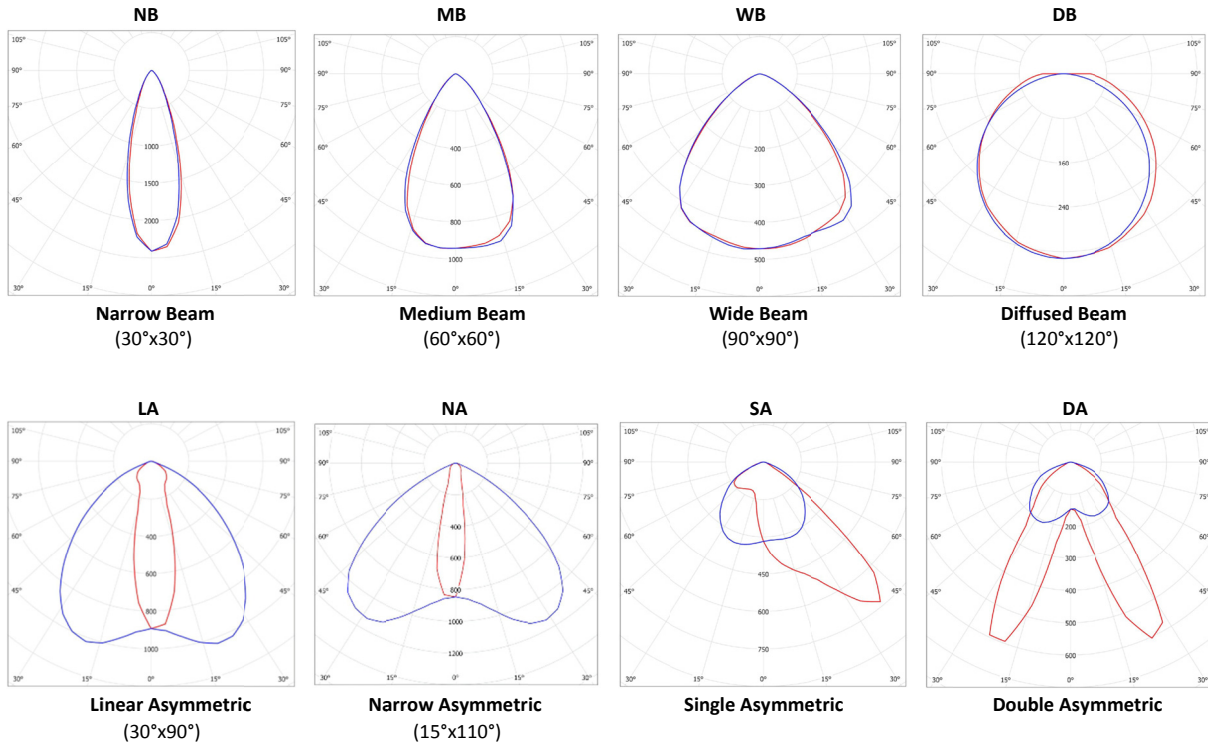
300w 1320x316x75mm



150w 1320x158x75mm



Photometrics



Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control	Mounting	Finish	(Optional) Emergency
FB	060 = 60W 090 = 90W 120 = 120W 150 = 150W 180 = 180W 225 = 225W 300 = 300W	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.