

Luxtronik



Neptune (HB)

80w-400w

Spec Sheet

Version 1.0
January 26, 2017

Luxtronik Technical Department

Our traditional model highbay luminaire utilizes an innovative heat pipe technology allowing for direct replacement of metal halide highbay luminaires up to 1000w

Features & Benefits

- Up to 110lm/w system efficacy
- Unique, fold fin heatsink technology greatly reduces thermal density and maintains a low LED junction temperature
- Simple installation and maintenance
- Optional lens for narrow and wide beam patterns and glare reduction
- Built in safety sling
- Available in IP40 or IP65
- 0-10V or DALI Dimming options and compatible with all leading sensor brands

Applications

Designed for low or high ceiling, open space applications such as;

- Warehouses
- Logistic centers
- Production workshops
- Storage facilities
- Car Showrooms
- Supermarkets

Technical Specification

Description	Neptune LED Highbay Light (HB)						
Recommended Product Location	Industrial and open area lighting applications						
Model	LUX-HB-080	LUX-HB-100	LUX-HB-150	LUX-HB-200	LUX-HB-300	LUX-HB-350	LUX-HB-400
LED Max Power (W)	80	100	150	200	300	350	400
Typical System Power (W)	90	110	165	220	330	390	440
Typical Luminous Flux (lm)	9,500	11,500	17,500	23,500	35,000	41,000	46,500
Dimensions (mm)	395x561	395x611	395x611	501x590	602x729	602x729	602x729
Weight (kg)	5.6	6.5	7	8	15	15.5	15.5
Light Source	Lumileds Luxeon TX (default) / Osram Oslon Square / Cree XPG3						
Correlated Colour Temperature	4000K, 5000K, 6500K						
Colour Rendering Index	>70 (or >80 available)						
System Efficacy	110 lm/w						
LED Junction Temp.	≤75°C (@ Ta=25°C)						
Light Distribution options	PC, 80°, 100°, 120°						
Driver	Meanwell HLG						
Input Voltage Range	100-305VAC 50/60Hz						
Power Factor	> 0.90						
Electrical Class	Class I						
Dimming Control (optional)	0-10V, DALI, PWM						
Ambient Operating Temperature	-40°C to +45°C						
Ambient Storage Temperature	-25°C to +80°C						
Material	Aluminium						
Optical Cover	Polycarbonate or Tempered Glass						
Finish	Aluminium (customized RAL colour available upon request)						
Ingress Protection (IP)	IP40 or IP65						
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)



PC Reflector



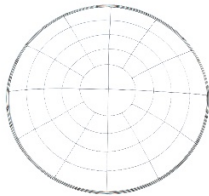
80° Aluminum Reflector



100° Aluminum Reflector



120° Aluminum Reflector



Wire Guard

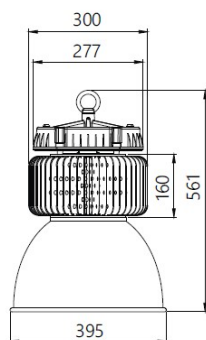


Frosted Module

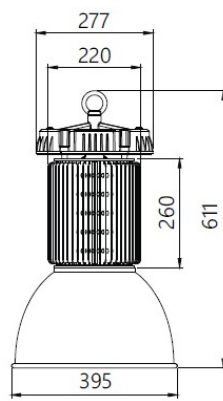


Glass Cover

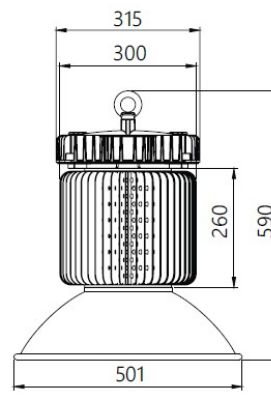
Dimensions



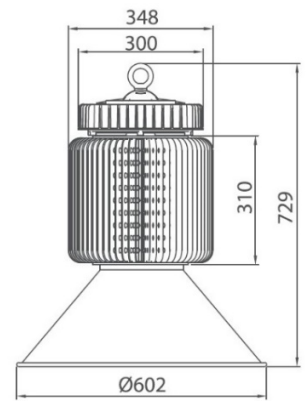
LUX-HB-080



LUX-HB-100 / 150

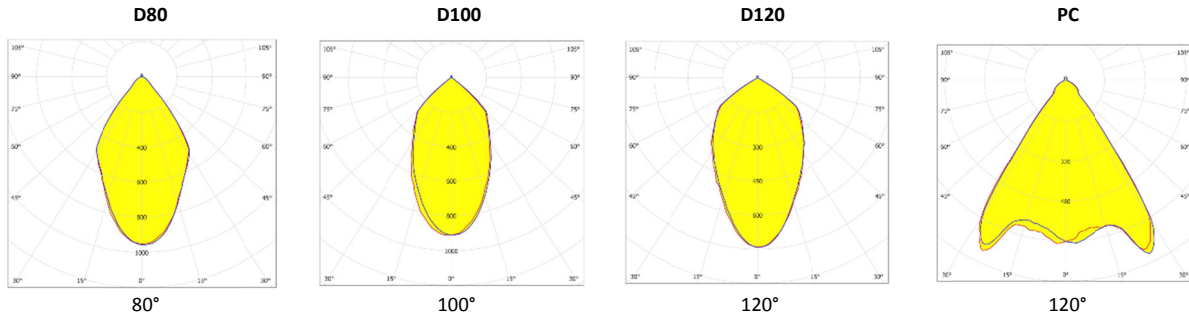


LUX-HB-200



LUX-HB-300 / 350 / 400

Photometrics



Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control	IP	Extras
HB	080 = 80W 100 = 100W 150 = 150W 200 = 200W 300 = 300W 350 = 350W 400 = 400W	40K = 4000K 50K = 5000K 65K = 6500K	70 = Min 70 80 = Min 80	D80 = 80°x80° D100 = 100°x100° D120 = 120°x120° PC = Polycarbonate (120°x120°)	ND = Non-Dimmable VD = 0-10V Dimmable PW = PWM Dimmable DD = DALI Dimmable	40 = IP40 65 = IP65	GC = Glass Cover

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.