

TrÉbon™ High Mast



300W Smart High Mast Light
LX-HM-300

FEATURES

- Flexible, modular design
- Multiple choice of optical lenses
- Advanced, vortex air flow thermal management
- Easy, low cost maintenance and repair
- UL, CUL certified to wet location

TYPICAL APPLICATIONS

- Public Squares
- Stadiums
- Fields
- Overpasses
- Docks

SPECIFICATIONS

PERFORMANCE

LED Chip	CREE XT-E
Lumen Output (IES)	28,864 lm
Power Consumption	304 W
Efficacy (IES)	95 lm/W
Beam Angle	30°, 45°
Color Temperature	5000K (3000 or 4000K Optional)
CRI	≥70
Lumen Maintenance	L70>150,000 hours (Calculated Using TM-21 Calculator)
Input Voltage	100-277 VAC (Dimming Optional)
Power Factor	0.95 minimum
Surge Protection	Per IEC 61000-4-5
EMI	EMC Per EN 55015

ENVIRONMENTAL

IP Rating	IP65
Operating Temperature	-30 to 55°C (-22 to 131°F)
Humidity	15% to 90% RH

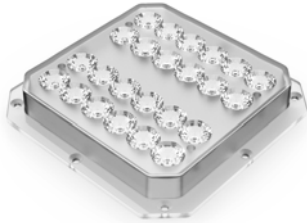
PHYSICAL

Dimensions (L×W×H)	22.0×14.8×7.1 in
Weight	17.6 kg (37.0 lbs)
Mounting Options	Universal Hanging Bracket, Mounting Bracket c/w Clapping Ring
Fixture Material	Aluminum Alloy

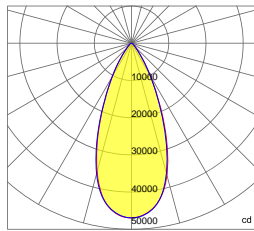
WARRANTY

5 Years

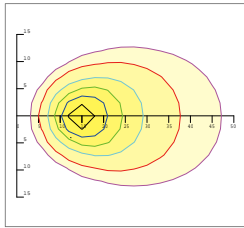
Photometrics



45 DEGREE LENS



— 0.0~180.0
— 90.0~270.0



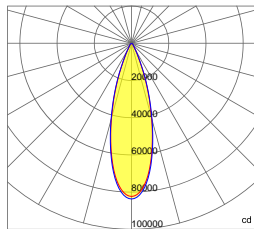
Mounting Hight 15m, 60 Tilt,
50LUX-5LUX

Height	Beam Diameter	LUX
20m	φ 17m	117LUX
25m	φ 21m	78LUX
30m	φ 25m	52LUX
35m	φ 29m	38LUX
40m	φ 33m	29LUX

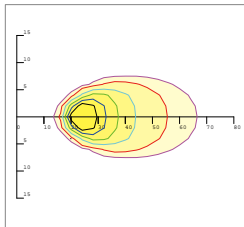
Beam Angle (50% max)	45 DEG
Field Angle (10%)	73 DEG
Luminous Flux (IES)	28,864 lm
Light Efficacy (IES)	95 lm/W
NEMA Type	5H x 5V
BUG Rating	B5-U1-G1
UGR	15
Cutoff Classification	Cutoff



30 DEGREE LENS



— 0.0~180.0
— 90.0~270.0

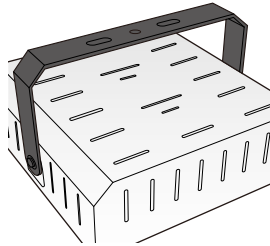


Mounting Hight 20m, 60 Tilt,
50LUX-5LUX

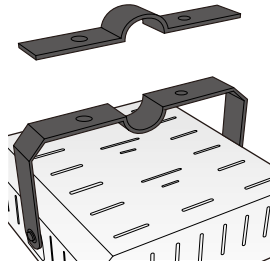
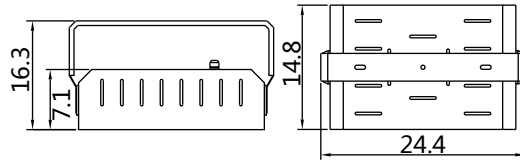
Height	Beam Diameter	LUX
20m	φ 11m	283LUX
30m	φ 16m	126LUX
40m	φ 21m	71LUX
50m	φ 27m	45LUX
60m	φ 32m	31LUX

Beam Angle (50% max)	35 DEG
Field Angle (10%)	48 DEG
Luminous Flux (IES)	27,926 lm
Light Efficacy (IES)	92 lm/W
NEMA Type	3H x 3V
BUG Rating	B5-U1-G0
UGR	15
Cutoff Classification	Cutoff

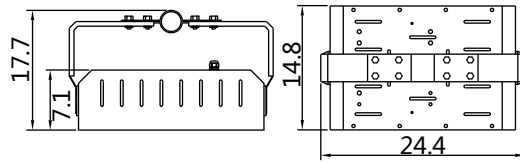
Mounting Options



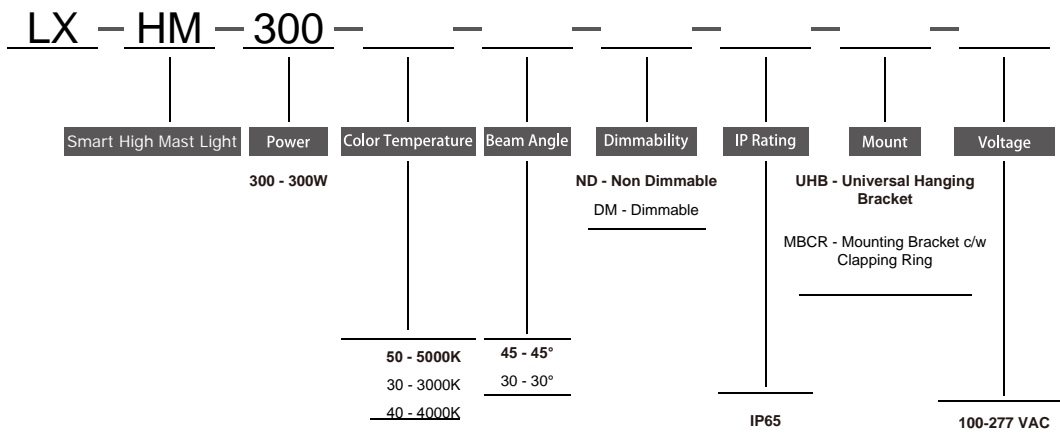
Universal Hanging Bracket



Mounting Bracket c/w Clapping Ring



Ordering Information



Ordering Example:
LX-HM-300-50-45-ND-IP65-UHB-100-277

