



Description:

Brightmaster BM3 450W 4000K 25°



Power floodlight BM3 450W 4000K with a small symmetrical beam of 25°. Extremely efficient luminaire with a very long lifespan, equipped with Meanwell drivers and Lumileds 3030/5050 LED chips, efficiency up to 150lm/W. Fully enclosed drive box with internal connection box. Built-in control unit, if one power supply fails, the other power supplies take over the power. LED indication with faulty power supply = no urgent interventions required. Built-in surge protection 10kV. Multi-functional mounting bracket suitable for all installation positions. Particularly suitable for high-end applications such as sports fields where a lot of light is needed with few luminaires. Options 1-10V/DALI dimmable, separate driverbox at the bottom of the pole, fall protection, laser tool for precision adjustment.

Technical specifications

Referentie	BM3-450425
EAN code	5420076241162
ETIM code	EC001744

Electrical specifications

System power (W)	438-475
LED power (W)	408-442
Input voltage (Vac)	100-240
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Dimmable	nee
Flicker free	yes
Power factor	>0,95
Connection cable	no
Driver output (V)	
Driver output (mA)	
Isolation class	I
Energy class	A+
N° circ. breaker 16A C	2
N° circ. breaker 16A D	6
Inrush current	

Warranty and certification

Lifetime (h)	155.000 L70B50
Warranty (years)	5
ENEC	yes

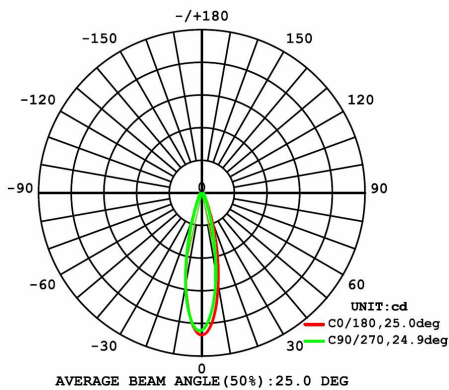
Photometric specifications

Light angle (°)	25
Color temperature (K)	4000
CRI	>70
UGR	
SDCM	3
Lumen output (Lm)	63600-68900
Lm/W	140-150
Flux code	90 95 99 99 100
Ledchip	SMD5050
Led manufacturer	Lumileds
N° of LEDs	216
Photobiological class	RG1

Dimensions and material properties

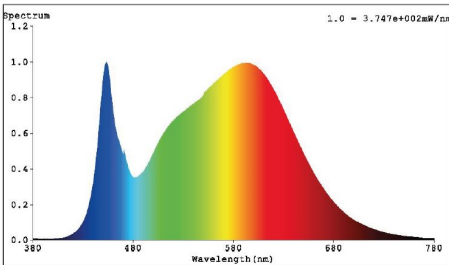
Dimensions (LxBxH)	390x240x685mm
Weight (kg)	17,4
Color	black
Working temp. (°C)	-25~+55
IP value	IP66
IK value	IK10
UV resistant	yes
Seawater resistant	no
N° in masterbox	1
N° on pallet	0
MOQ	1
Stock item	no

Lumen distribution

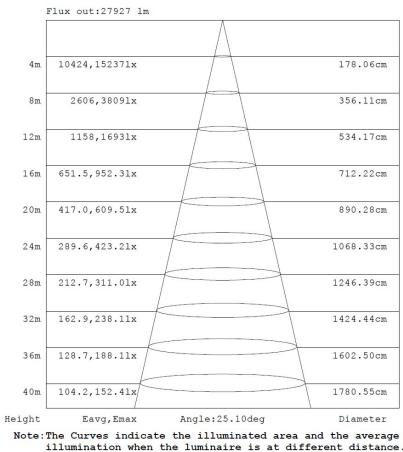


25°

Spectrum distribution

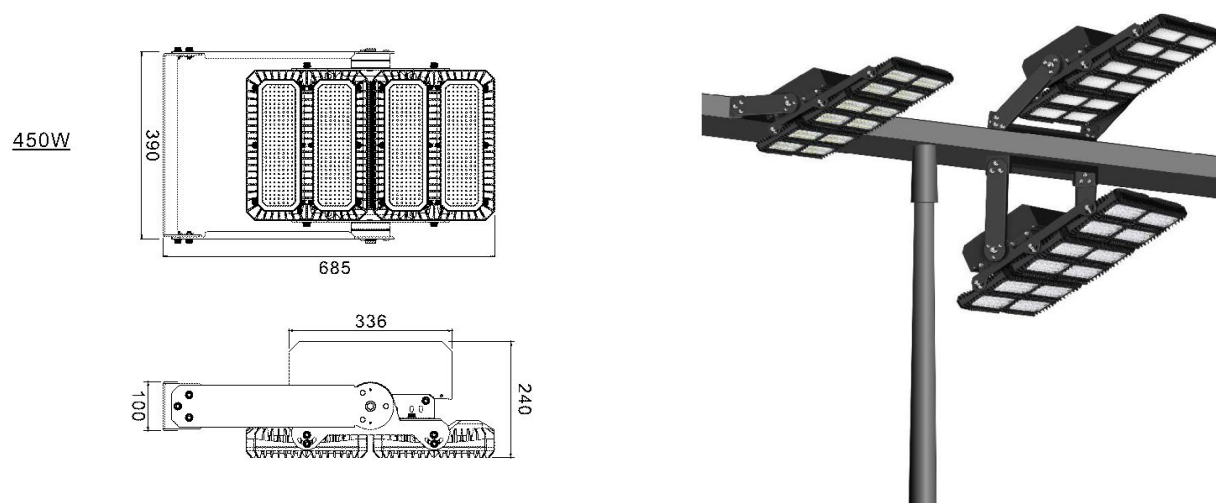


Distance curve:



Lumendrop

Dimensions



Connection diagram