

Description:

Brightmaster BM3 650W 4000K 110°



Power floodlight BM3 650W 4000K with a broad symmetrical beam of 110 °. 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	BM3-6504110
EAN code	5420076239114
ETIM code	EC001744

Electrical specifications

System power (W)	670~707
LED power (W)	624~658
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	1
N° circ. breaker 16A D	2
Inrush current	

Warranty and certification

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

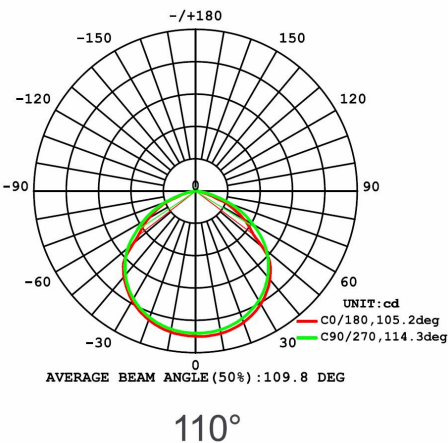
Photometric specifications

Light angle (°)	110
Color temperature (K)	4000
CRI	>70
UGR	
SDCM	3
Lumen output (Lm)	98500~105300
Lm/W	140~150
Flux code	51 85 98 100 100
Ledchip	SMD3030
Led manufacturer	Lumileds
N° of LEDs	1620
Photobiological class	RG1

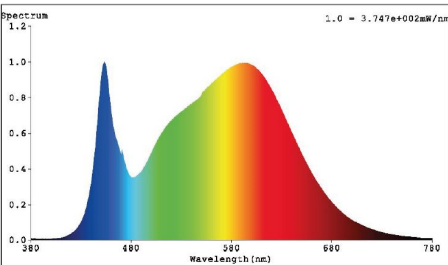
Dimensions and material properties

Dimensions (LxBxH)	390x240x890mm
Weight (kg)	25,4
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

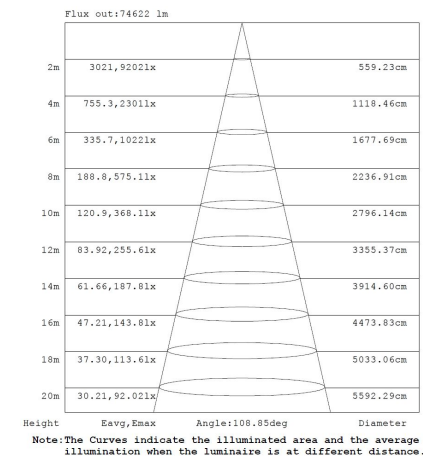
Lumen distribution



Spectrum distribution

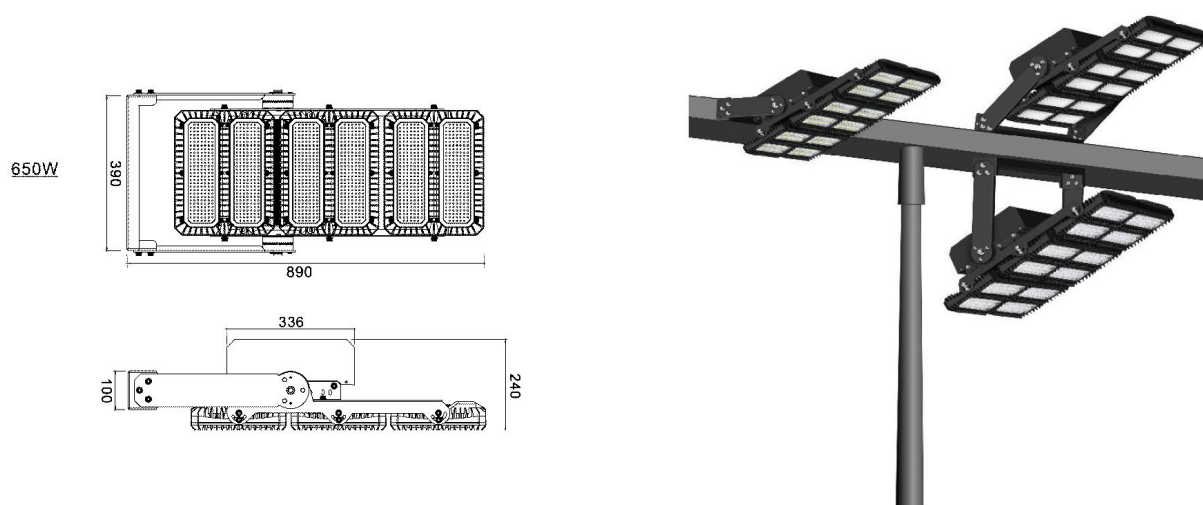


Distance curve:



Lumendrop

Dimensions



Connection diagram