



Power floodlight BM3 is a 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.

IP66	IK08	130x25	5 YEARS	> 140~150	>0,95	155.000 L70B50	YES	>70	4000	NO	MILEDS 50	>30	YES	NO

### Technical specifications

Referentie	BM3-4504AS13025GR
EAN code	5420076262464
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
Driver brand	Meanwell
Driver reference	2x ELG-240-C1050
Dimmable	nee
Flicker free	yes
Power factor	>0,95
THD	<20%
Driver output (V)	114-228V
Driver output (mA)	525-1050mA
Isolation class	I
Energy class	A+*
N° circ. breaker 16A B	
N° circ. breaker 16A C	2
N° circ. breaker 16A D	6
Inrush current	150A 450µs

### Warranty and certification

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

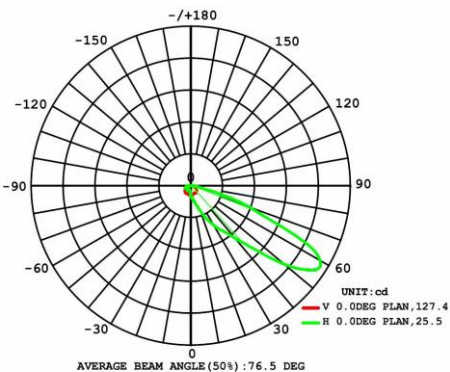
### Photometric specifications

Light angle (°)	130x25
Color temperature (K)	4000
CRI	>70
UGR	>30
SDCM	3
Lumen output (Lm)	59200~66500
Lm/W	140~150
Flux code	17 52 91 99 102
Ledchip	LUMILEDS 5050
Led manufacturer	Lumileds
N° of LEDs	216
Photobiological class	RG1

### Dimensions and material properties

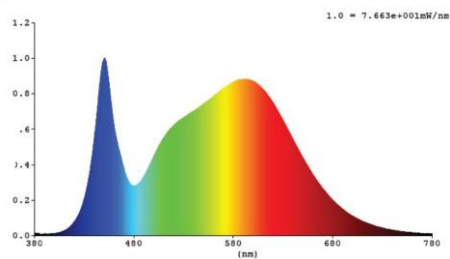
Dimensions (LxBxH)	685x390x240mm
Weight (kg)	19,2
Color	grey RAL7044
Working temp. (°C)	-25~+55
IP value	IP66
IK value	IK08
UV resistant	yes
Seawater resistant	no
UL94	
N° in masterbox	1
N° on pallet	0
MOQ	1
Stock item	no
EPA	0,1908m²

### Lumen distribution

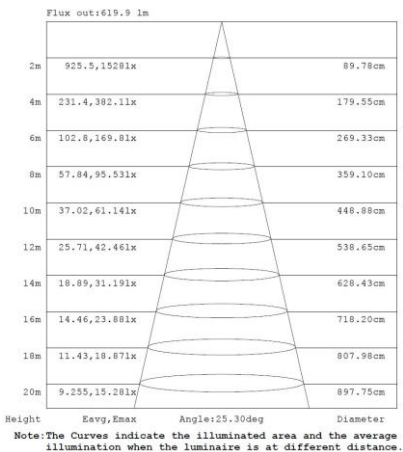


**130°x25°**

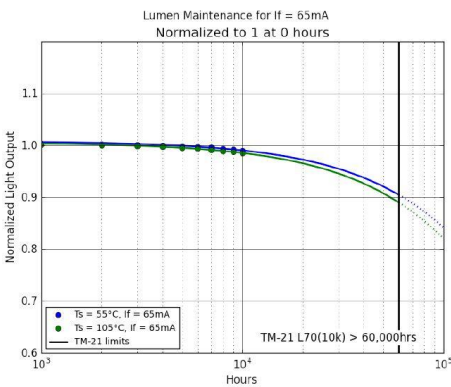
### Spectrum distribution



### Distance curve:



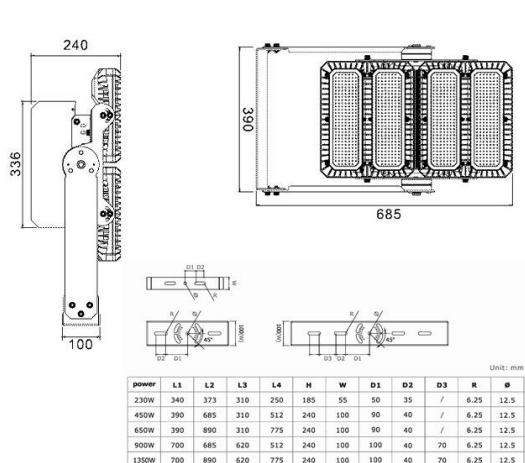
### Lumendrop



# DATASHEET

**BM3-4504AS13025GR BM3 450W 4000K asym 130x25**

## Dimensions



## Connection diagram

