


















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	60	5 YEARS	up to 160	0,96	155.000 L70B50	YES	>70	4000	NO	MILEDS 50	>30	YES	NO

### Technical specifications

Referentie	BM3-650460GR
EAN code	5420076262518
ETIM code	EC001744

### Electrical specifications

System power (W)	677
LED power (W)	612~663
Input voltage (Vac)	100~240
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Driver brand	Meanwell
Driver reference	3x ELG-240-C1050
Dimmable	nee
Flicker free	yes
Power factor	0,96
THD	<20%
Driver output (V)	114-228V
Driver output (mA)	525-1050mA
Isolation class	I
Energy class	D
N° circ. breaker 16A B	
N° circ. breaker 16A C	2
N° circ. breaker 16A D	4
Inrush current	225A 450µs

### Warranty and certification

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

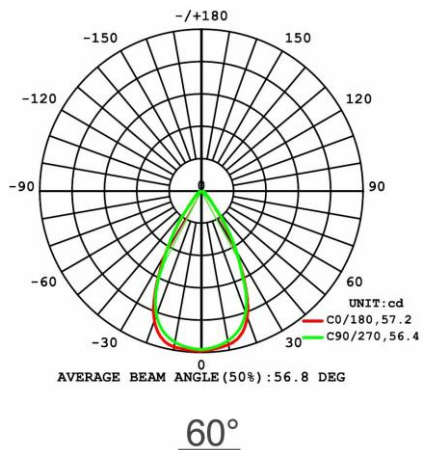
### Photometric specifications

Light angle (°)	60
Color temperature (K)	4000
CRI	>70
UGR	>30
SDCM	3
Lumen output (Lm)	103400
Lm/W	160
Flux code	90 98 100 100 100
Ledchip	LUMILEDS 5050
Led manufacturer	Lumileds
N° of LEDs	324
Photobiological class	RG1

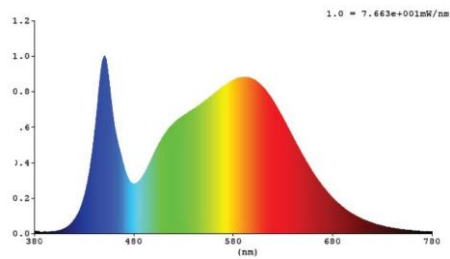
### Dimensions and material properties

Dimensions (LxBxH)	890x390x240mm
Weight (kg)	24,1
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	0,288m²

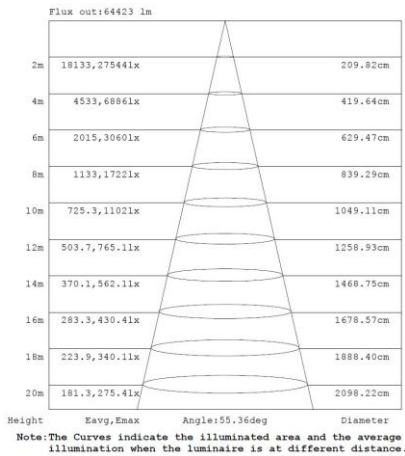
Lumen distribution



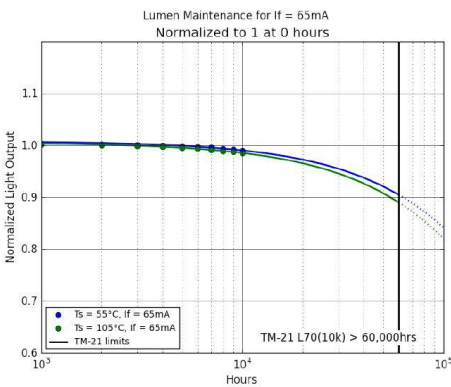
Spectrum distribution



Distance curve:



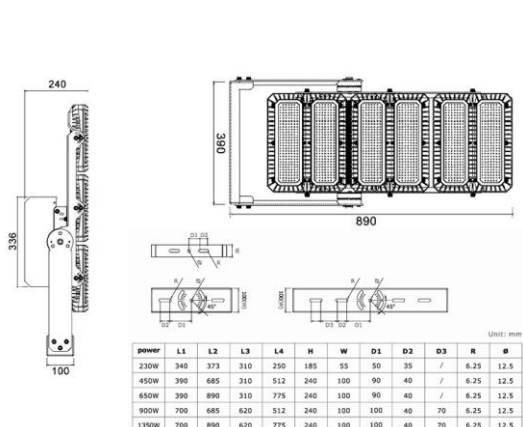
Lumendrop



# DATASHEET

BM3-650460GR BM3 650W 4000K 60° grey

## Dimensions



## Connection diagram

