



Industrial floodlight Brightmaster 2 with 25° lens. Gray aluminum IP65 housing for even better cooling. Interpon coating for corrosive environments. Directional LED modules with Lumileds 3030/5050 and a Meanwell HLG driver. Equipped with junction box and 1.3m cable H05RN-F.

IP65	IK08	25	5 YEARS	up to 155	0,95	50.000 L80B20	YES	>70	4000	NO	MILEDS 5050	30	NO	NO

### Technical specifications

Referentie	BM2-230425GR
EAN code	5420076262273
ETIM code	EC001744

### Electrical specifications

System power (W)	242
LED power (W)	221
Input voltage (Vac)	100-240VAC
Frequency (Hz)	50/60
Driver included	yes
Driver intern/extern	intern
Driver brand	Meanwell
Driver reference	ELG-240-48
Dimmable	nee
Flicker free	yes
Power factor	0,95
THD	
Driver output (V)	48
Driver output (mA)	5000
Isolation class	I
Energy class	D
N° circ. breaker 16A B	
N° circ. breaker 16A C	6
N° circ. breaker 16A D	8
Inrush current	60A

### Warranty and certification

Lifetime (h)	50.000 L80B20
Warranty (years)	5 (excluding batteries)
ENEC	no

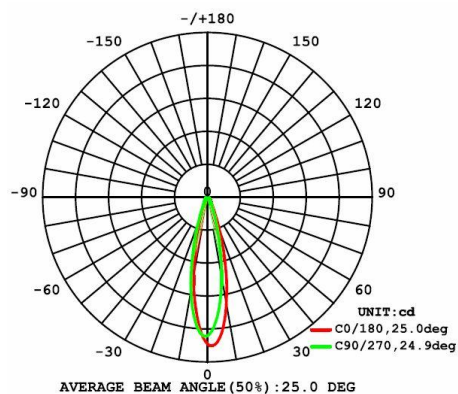
### Photometric specifications

Light angle (°)	25
Color temperature (K)	4000
CRI	>70
UGR	30
SDCM	3
Lumen output (Lm)	36300
Lm/W	155
Flux code	85 94 99 98 100
Ledchip	LUMILEDS 5050
Led manufacturer	Lumileds
N° of LEDs	273
Photobiological class	RG1

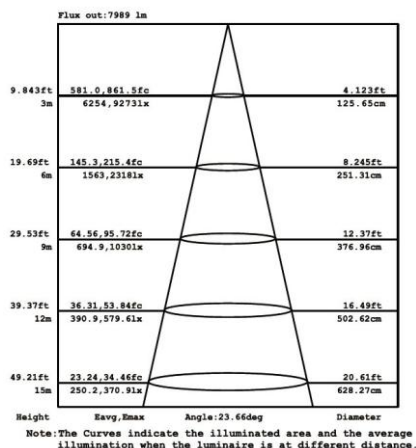
### Dimensions and material properties

Dimensions (LxBxH)	328x215x354mm
Weight (kg)	6,4
Color	grey RAL7044
Working temp. (°C)	-20~+50
IP value	IP65
IK value	IK08
UV resistant	yes
Seawater resistant	no
UL94	
N° in masterbox	2
N° on pallet	
MOQ	1
Stock item	no
EPA	0,132m²
glow wire test (C°)	

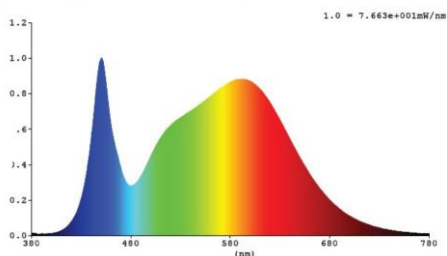
### Lumen distribution



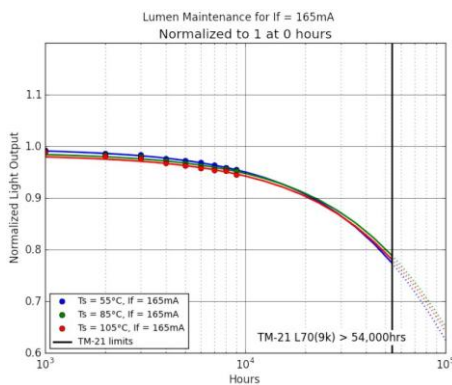
### Distance curve:



### Spectrum distribution



### Lumendrop

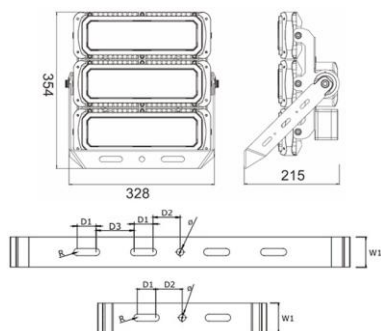


### Accessories

IP68-CONNECT	Connection kit 3p IP68 2,5mm² male-female
BM3-FP1	Valbeveiliging BM2/BM3 1x 2mm 75-300W
FL-POLE3	Support for pole 60mm for floodlight Evolve
EVPOLE CLAMP	Support for pole 60mm for floodlight Evolve



### Dimensions



Unit: mm

power	H1	H2	L1	L2	D1	D2	D3	W1	R	Ø
75W	320	130	85	225	40	48	/	55	6.5	13
150W	320	215	85	275	40	48	/	55	6.5	13
230W	320	324	85	275	40	48	/	55	6.5	13
300W	320	433	85	330	40	48	/	55	6.5	13
450W	628	324	85	275	40	50	60	55	6.5	13
600W	628	433	85	275	40	50	60	55	6.5	13
900W	628	690	85	390	40	50	60	55	6.5	13
1200W	628	910	85	390	40	50	60	55	6.5	13

### Connection diagram

