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Notice

Due to continuous improvement and innovations, product's appearances and specifications may change without notice.



HIGH BAY + FLOODLIGHT RANGE 2012

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100W-400W LED High Bay Series

Key Features

- Philip Lumileds Rebel LEDs, Meanwell Driver, providing you up to 5 years warranty
- Unique patented thermal management design to ensure low LED junction temperature
- Extremely light weight to enhance safety use and installation
- Available products with maximum power up to 400W, ultra-high luminous output of up to 36,000lm
- IP65 rating, prismatic and aluminium reflectors with different optical beam angles are available
- Easy installation and maintenance, dust prevention, longer lifetime with high lumen maintenance.

Applications

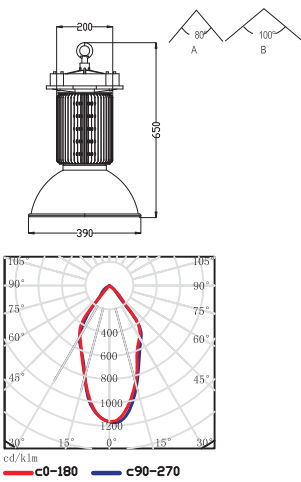
Suitable for warehouses, production and logistic workshops, retail stores, theme restaurants, amusement parks, indoor stadiums, public places and other industrial and commercial lighting purposes.

Patented

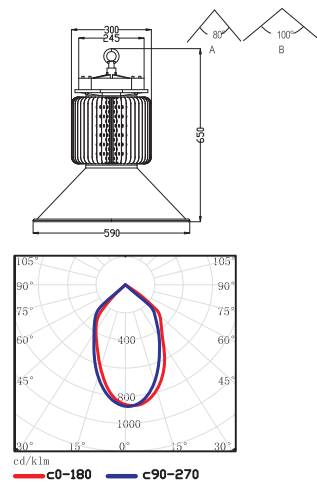
Up to 5 years warranty!



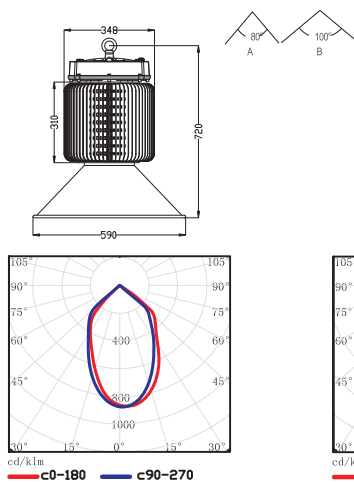
100W



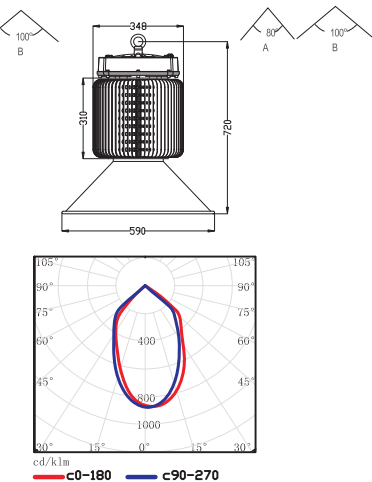
200W



300W



400W



M	LUX	ΦCM
4	683	671
6	303	1007
8	171	1342
10	109	1678

BEAM ANGLE=80 DEG

M	LUX	ΦCM
4	912	953
6	405	1430
8	228	1907
10	146	2384

BEAM ANGLE=100 DEG

M	LUX	ΦCM
4	1344	953
6	597	1430
8	336	1906
10	216	2383

BEAM ANGLE=100 DEG

M	LUX	ΦCM
4	1823	953
6	810	1430
8	455	1906
10	291	2383

BEAM ANGLE=100 DEG

Specifications

Model No.	ML-HB100	ML-HB200	ML-HB300	ML-HB400
Lamp Type	100W High Bay	200W High Bay	300W High Bay	400W High Bay
Light Source	Philips Lumileds (LUXEON Rebel)	Philips Lumileds (LUXEON Rebel)	Philips Lumileds (LUXEON Rebel)	Philips Lumileds (LUXEON Rebel)
Voltage (V)	90-264	90-264	90-264	90-264
LED Power (W)	100	200	300	400
System Power (W)	110	220	330	440
Lumens	9,000	18,000	27,000	36,000
Beam Angle	80/100	80/100	80/100	80/100
Colour Temperature	5500K	5500K	5500K	5500K
Lamp Life (hrs)	50,000	50,000	50,000	50,000
Operating Temperature	-25 to +45	-25 to +45	-25 to +45	-25 to +45
Dimension (mm)	390*650	590*650	590*720	590*720
Weight (kg)	7.0	8.0	14.5 *	15.0
Warranty	5	5	3	3

Test data with LUXEON Rebel LED at 5500K

LED FLOODLIGHT SERIES



High Power LED Floodlight
10W-50W

Featuring high output LED chips and available in both RGB and White outputs, these fittings are cooler to run, last longer and use up to half the power of a conventional halogen floodlight. All M-Elec's floodlights include a hard wearing black powder-coat finish with stainless steel screws for long life in outdoor applications.



30W



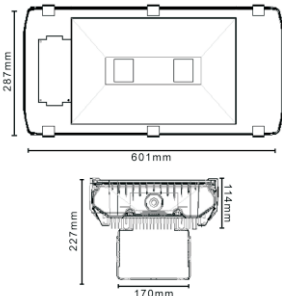
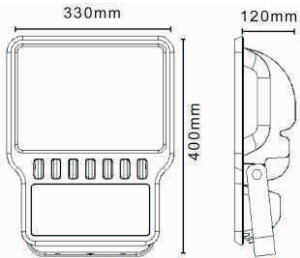
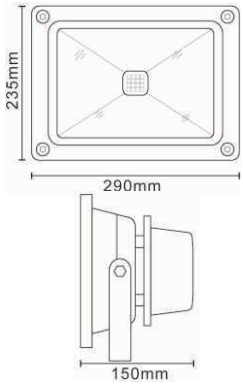
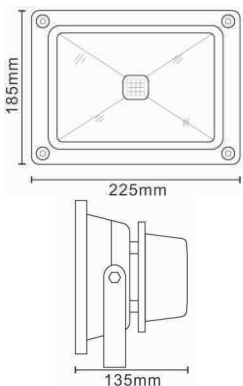
55W



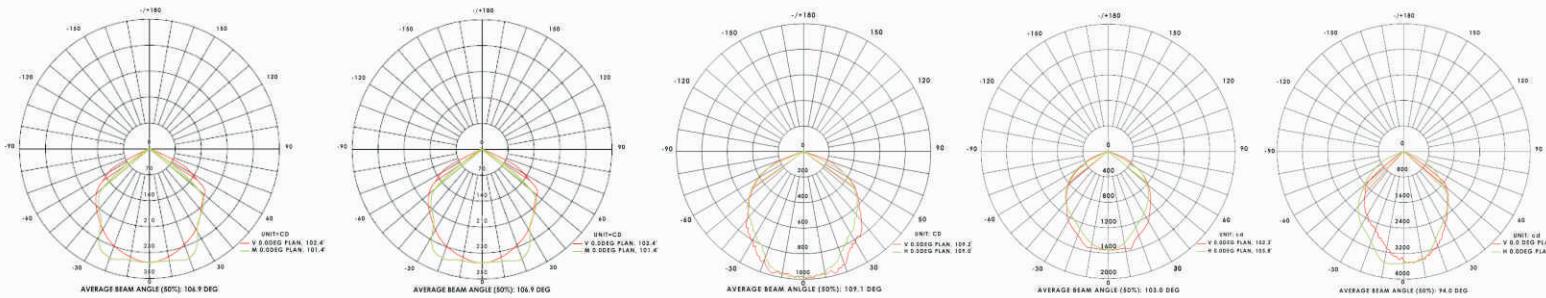
100W



160W



Illuminance Data



Specifications

Model No.	ML-FL-W-10	ML-FL-W-30	ML-FL-W-55	ML-FL-W-100	ML-FL-W-160
Lamp Type	10W Floodlight	30W Floodlight	55W Floodlight	100W Floodlight	160W Floodlight
Light Source	'Bridgelux' LED Chips	'Bridgelux' LED Chips	'Bridgelux' LED Chips	'Bridgelux' LED Chips	'Bridgelux' LED Chips
Voltage (V)	220-265V AC	220-265V AC	220-265V AC	220-265V AC	220-265V AC
LED Power (W)	10	30	50	100	160
System Power (W)	12	34	52	104	176
Lumens	726.5	2,513	3,530	6,868	11,112
Beam Angle (degrees)	120	120	120	120	120
Colour Temperature	6000K	6000K	6000K	6000K	6000K
Lamp Life (hrs)	50,000	50,000	50,000	50,000	50,000
Dimension (mm)	115 x 85 x 85	225 x 185 x 135	290 x 235 x 150	330 x 400 x 120	600 x 287 x 114
Weight (kg)	.6	2.4	4	6.6	12.5
Warranty	4	4	4	3	3

EMC²



10W
ML-FL-10

