

# Circular High Bay

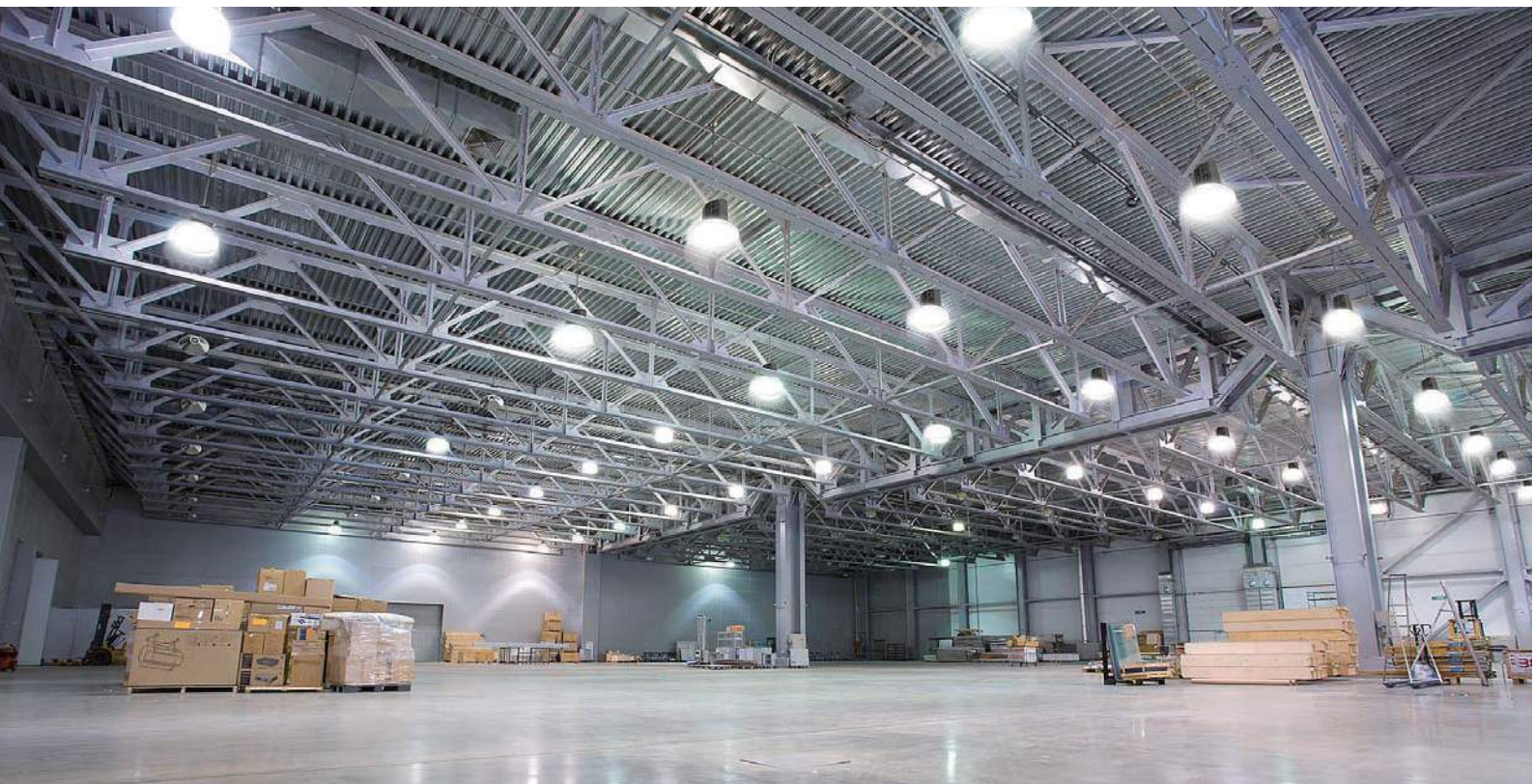
## Features

- Efficacy with 105lm/w, designed to replace 250W and 400W MH while consumes 140W and 200W only
- Optional integrated lens of either 90 or 120degree; or aluminum reflectors of 90degrees
- Hook or Conduit pendant way for different applications
- ON/OFF or Bi-level sensor can be offered for maximizing energy savings
- Superior colour rendition index compared to HPS
- Operating temperature is -40 °C to 55 °C (-40 °F to 131 °F)
- Resistant to shock and vibration
- UL/cUL listed and DLC pending



## Applications

- Suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.



# Specification

Specification/Model	HB140W27V50KWLDLDM	HB200W27V50KWLDLDM	HB150W27V50KWLDL	HB200W27V50KWLDL
Input Power	140W	200W	150W	200W
Lumens output	19000lm	26000lm	19000lm	26000lm
Efficacy	136 lm/W	127 lm/W	130 lm/W	124 lm/W
CRI	72			
Color Temperature	5000K			
Input Voltage	120-277VAC	347V/480VAC	120-277VAC	347V/480VAC
Finish Color	Dark Bronze			
Lens	120 Degree Lens			
Mounting	Fits Pendant mounting and hook mounting directly			
Sensor	Option			

# Ordering Guide

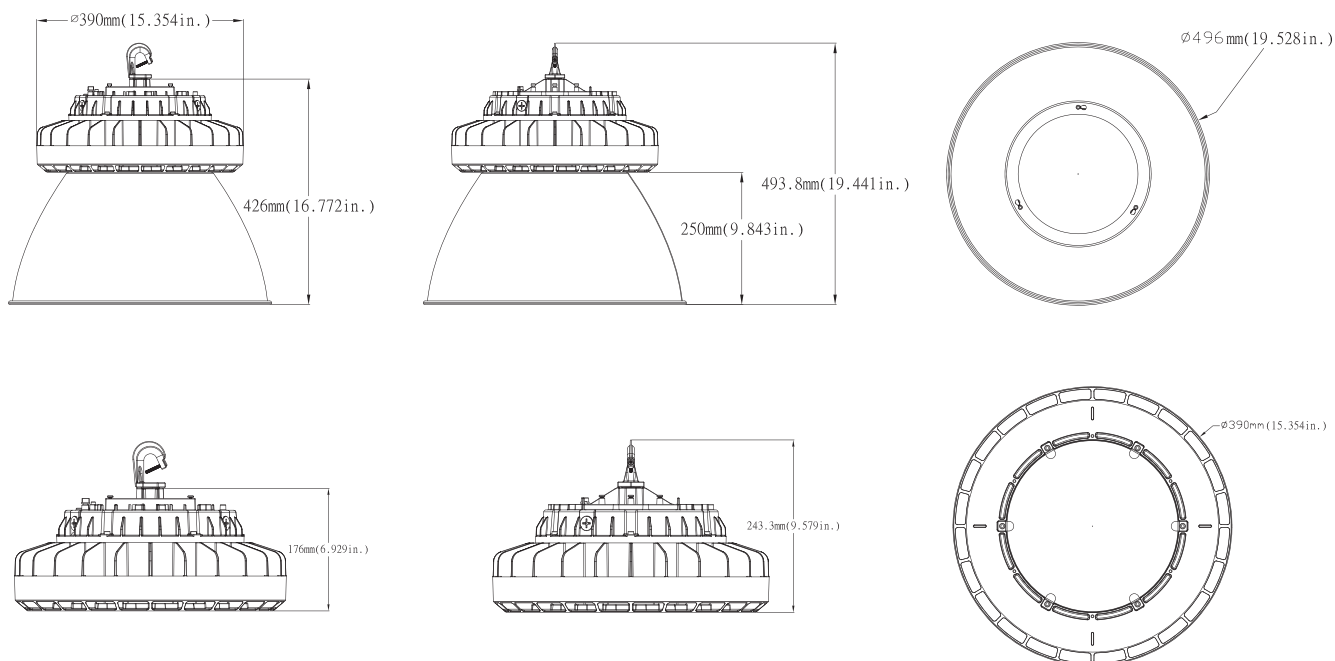
EXAMPLE : HB200W27VM50KWALDLM

Fixture Type	Power Consumption	Input Voltage	Sensor (Option)	CCT	Beam Angle	Finish
HB High Bay	140W 140Watts	27V 120-277V	M With Sensor	40K 4000K	MAL 90 Degree Aluminum Reflector	D Dark Bronze
	200W 200Watts	48V 347V/480V	Blank Without Sensor	50K 5000K	WAL 120 Degree Aluminum Reflector	B Black
	150W 150Watts				ML 90 Degree Lens	
	200W 200Watts				WL 120 Degree Lens	

Note: 150Watts and 210Watts type is only available for 347V or 480V input voltage.

# DIMENSIONS

unit: mm/inch



# Ordering Information

Ordering	Rated	Luminaire	Wattage	CCT	Initial	Luminaire	Rated	CRI	Beam	Power	Dimmable	Motion Sensor	Certificate
Code	Voltage(VAC)	Type	(W)		Lumens(lm)	Efficacy(lpw)	Life(hrs)		Angle	Factor			
HB140W27V40KMALD*	120-277V	High Bay	140	4000	17500	125	50000	72	90°	0.9	YES	NO	UL
HB140W27VM40KMALD	120-277V	High Bay	140	4000	17500	125	50000	72	90°	0.9	YES	YES	UL
HB140W27V50KMALD	120-277V	High Bay	140	5000	17500	125	50000	72	90°	0.9	YES	NO	UL
HB140W27VM50KMALD	120-277V	High Bay	140	5000	17500	125	50000	72	90°	0.9	YES	YES	UL
HB150W48V40KMALD	347/480V	High Bay	150	4000	17500	117	50000	72	90°	0.9	YES	NO	UL
HB150W48VM40KMALD	347/480V	High Bay	150	4000	17500	117	50000	72	90°	0.9	YES	YES	UL
HB150W48V50KMALD	347/480V	High Bay	150	5000	17500	117	50000	72	90°	0.9	YES	NO	UL
HB150W48VM50KMALD	347/480V	High Bay	150	5000	17500	117	50000	72	90°	0.9	YES	YES	UL
HB140W27V40KMLD	120-277V	High Bay	140	4000	18800	134	50000	72	90°	0.9	YES	NO	UL
HB140W27VM40KMLD	120-277V	High Bay	140	4000	18800	134	50000	72	90°	0.9	YES	YES	UL
HB140W27V50KMLD	120-277V	High Bay	140	5000	18900	135	50000	72	90°	0.9	YES	NO	UL
HB140W27VM50KMLD	120-277V	High Bay	140	5000	18900	135	50000	72	90°	0.9	YES	YES	UL
HB150W48V40KMLD	347/480V	High Bay	150	4000	18800	125	50000	72	90°	0.9	YES	NO	UL
HB150W48VM40KMLD	347/480V	High Bay	150	4000	18800	125	50000	72	90°	0.9	YES	YES	UL
HB150W48V50KMLD	347/480V	High Bay	150	5000	18900	126	50000	72	90°	0.9	YES	NO	UL
HB150W48VM50KMLD	347/480V	High Bay	150	5000	18900	126	50000	72	90°	0.9	YES	YES	UL
HB140W27V40KWLD	120-277V	High Bay	140	4000	19000	136	50000	72	120°	0.9	YES	NO	UL/DLC Pending
HB140W27VM40KWLD	120-277V	High Bay	140	4000	19000	136	50000	72	120°	0.9	YES	YES	UL/DLC Pending
HB140W27V50KWLD	120-277V	High Bay	140	5000	19000	136	50000	72	120°	0.9	YES	NO	UL/DLC Pending
HB140W27VM50KWLD	120-277V	High Bay	140	5000	19000	136	50000	72	120°	0.9	YES	YES	UL/DLC Pending
HB150W48V40KWLD	347/480V	High Bay	150	4000	19000	127	50000	72	120°	0.9	YES	NO	UL
HB150W48VM40KWLD	347/480V	High Bay	150	4000	19000	127	50000	72	120°	0.9	YES	YES	UL
HB150W48V50KWLD	347/480V	High Bay	150	5000	19000	127	50000	72	120°	0.9	YES	NO	UL
HB150W48VM50KWLD	347/480V	High Bay	150	5000	19000	127	50000	72	120°	0.9	YES	YES	UL
HB200W27V40KMALD	120-277V	High Bay	200	4000	23000	115	50000	72	90°	0.9	YES	NO	UL
HB200W27VM40KMALD	120-277V	High Bay	200	4000	23000	115	50000	72	90°	0.9	YES	YES	UL
HB200W27V50KMALD	120-277V	High Bay	200	5000	24000	120	50000	72	90°	0.9	YES	NO	UL
HB200W27VM50KMALD	120-277V	High Bay	200	5000	24000	120	50000	72	90°	0.9	YES	YES	UL
HB210W48V40KMALD	347/480V	High Bay	210	4000	23000	110	50000	72	90°	0.9	YES	NO	UL
HB210W48VM40KMALD	347/480V	High Bay	210	4000	23000	110	50000	72	90°	0.9	YES	YES	UL
HB210W48V50KMALD	347/480V	High Bay	210	5000	24000	114	50000	72	90°	0.9	YES	NO	UL
HB210W48VM50KMALD	347/480V	High Bay	210	5000	24000	114	50000	72	90°	0.9	YES	YES	UL
HB200W27V40KMLD	120-277V	High Bay	200	4000	26000	130	50000	72	90°	0.9	YES	NO	UL
HB200W27VM40KMLD	120-277V	High Bay	200	4000	26000	130	50000	72	90°	0.9	YES	YES	UL
HB200W27V50KMLD	120-277V	High Bay	200	5000	26000	130	50000	72	90°	0.9	YES	NO	UL
HB200W27VM50KMLD	120-277V	High Bay	200	5000	26000	130	50000	72	90°	0.9	YES	YES	UL
HB210W48V40KMLD	347/480V	High Bay	210	4000	26000	124	50000	72	90°	0.9	YES	NO	UL
HB210W48VM40KMLD	347/480V	High Bay	210	4000	26000	124	50000	72	90°	0.9	YES	YES	UL
HB210W48V50KMLD	347/480V	High Bay	210	5000	26000	124	50000	72	90°	0.9	YES	NO	UL
HB210W48VM50KMLD	347/480V	High Bay	210	5000	26000	124	50000	72	90°	0.9	YES	YES	UL
HB200W27V40KWLD	120-277V	High Bay	200	4000	26000	130	50000	72	120°	0.9	YES	NO	UL/DLC Pending
HB200W27VM40KWLD	120-277V	High Bay	200	4000	26000	130	50000	72	120°	0.9	YES	YES	UL/DLC Pending
HB200W27V50KWLD	120-277V	High Bay	200	5000	26000	130	50000	72	120°	0.9	YES	NO	UL/DLC Pending
HB200W27VM50KWLD	120-277V	High Bay	200	5000	26000	130	50000	72	120°	0.9	YES	YES	UL/DLC Pending
HB210W48V40KWLD	347/480V	High Bay	210	4000	26000	124	50000	72	120°	0.9	YES	NO	UL
HB210W48VM40KWLD	347/480V	High Bay	210	4000	26000	124	50000	72	120°	0.9	YES	YES	UL
HB210W48V50KWLD	347/480V	High Bay	210	5000	26000	124	50000	72	120°	0.9	YES	NO	UL
HB210W48VM50KWLD	347/480V	High Bay	210	5000	26000	124	50000	72	120°	0.9	YES	YES	UL

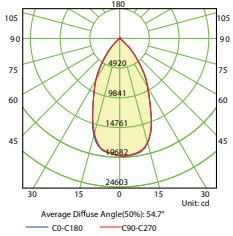
# Energy Saving Replacement

MESTER MODEL	Replacing
HB140W27VMXXKYY, HB150W48VMXXKYY	250W MH
HB200W27VMXXKYY, HB210W48VMXXKYY	400W MH

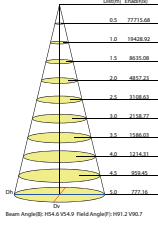
## Photometrics

HB140W27V50KMALD

Luminous Intensity Distribution Curve

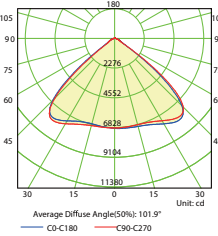


Illuminance at a Distance

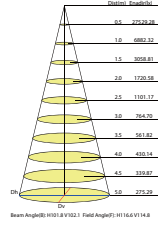


HB140W27V50KWLD

Luminous Intensity Distribution Curve

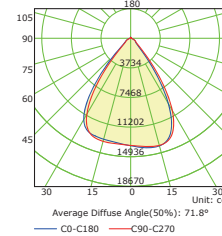


Illuminance at a Distance

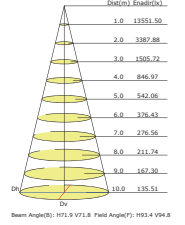


HB140W27V50KMLD

Luminous Intensity Distribution Curve

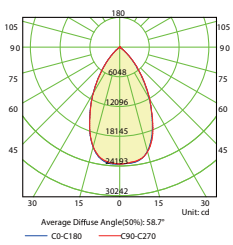


Illuminance at a Distance

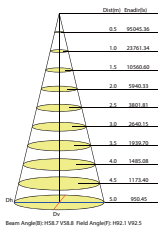


HB200W27V50KMALD

Luminous Intensity Distribution Curve

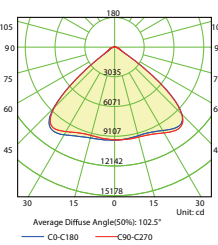


Illuminance at a Distance

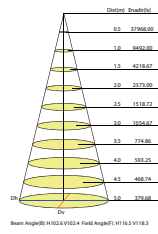


HB200W27V50KWLD

Luminous Intensity Distribution Curve

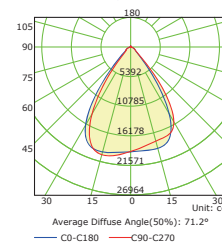


Illuminance at a Distance



HB200W27V50KMLD

Luminous Intensity Distribution Curve



Illuminance at a Distance

