

# DESIGN DATA

## Lamps & Ballasts

### Metal Halide BALLASTS

RAB Catalog #	Watts	Type	Input		Starting Amps / Operating Amps				
			Watts	Volts	120V	208V	240V	277V	480V
BMHN50	50	HX-NPF	69	120V	2/1.6				
BMHN50/277	50	R-NPF	62	277V				.7/7	
BMHH50	50	HX-HPF	69	120V	8/0.7				
BMH50QT	50	HX-HPF	72	QT	.6/6	.4/4	.3/3	.3/3	
BMHN70	70	HX-NPF	94	120V	2.5/2.1				
BMHH70	70	HX-HPF	94	120V	1/9				
BMHN70/277	70	R-NPF	85	277V				1.2/9	
BMHH70/277	70	R-HPF	85	277V				.5/4	
BMHH70DT	70	HX-HPF	88	DT	.6/8			.3/4	
BMHH70QT	70	HX-HPF	90	QT	.6/9	.3/5	.3/5	.3/4	
BMHN100/277	100	R-NPF	118	277V				1.3/1.1	
BMHH100/277	100	R-HPF	118	277V				.7/5	
BMHH100DT	100	HX-HPF	129	DT	1.2/1.2			.6/5	
BMHH100QT	100	HX-HPF	129	QT	1.2/1.2	.7/7	.7/8	.6/5	
BMHH100/480	100	HX-HPF	132	480V					.3/3
BMHH125PSQ	125	CWA-HPF	150	QT	9/1.3			.4/6	
BMHH150QT	150	HX-HPF	185	QT	1/1.6	.6/9	.5/8	.5/7	
BMHH150PSQ	150	HX-HPF	185	QT	1.3/1.6	1/1	.7/8	.6/7	
BMHH175/480	150/175	CWA-HPF	185/210	480V					.4/5
BMHH175	150/175	CWA-HPF	185/210	120V	1.3/1.8				
BMHH175QT	150/175	CWA-HPF	185/210	QT	1.3/1.8	8/1.1	.7/9	.6/8	
BMHH175/480	150/175	CWA-HPF	185/210	480V					.4/5
BMHH175PSQ	175	CWA-HPF	208	QT	1/1.9	6/1.1	.5/1	.5/8	
BMHH200PSQ	200PS	CWA-HPF	232	QT	1.4/2	8/1.2	.7/1	.6/9	
BMHH200PSQ	200PS	CWA-HPF	232	QT	1.4/2	8/1.2	.7/1	.6/9	
BMHH250QT	250	CWA-HPF	298	QT	2.2/2.5	1.3/1.5	1.1/1.3	1/1.1	
BMHH250/480	250	CWA-HPF	295	480V					.6/7
BMHH250PSQ	250PS	CWA-HPF	288	QT	1.4/2.5	8/1.5	.7/1.3	.6/1.1	
BMHH320PSQ	320PS	CWA-HPF	368	QT	2.5/3.2	1.5/1.8	1.3/1.6	1.1/1.4	
BMHH350PSQ	350PS	CWA-HPF	400	QT	3.3/3.6	1.9/2.1	1.7/1.8	1.4/1.6	
BMHH400QT	400	CWA-HPF	458	QT	3.5/4	2/2.3	1.8/2	1.5/1.8	
BMHH400QT	400	CWA-HPF	458	QT	3.5/4	2/2.3	1.8/2	1.5/1.8	
BMHH400/480	400	CWA-HPF	462	480V					.9/1
BMHH400/480	400	CWA-HPF	462	480V					.9/1
BMHH400PSQ	400PS	CWA-HPF	450	QT	3.5/4	2/2.3	1.8/2	1.5/1.8	
BMHH1000QT	1000	CWA-HPF	1080	QT	7.8/9	4/5.2	3.7/4.5	3.2/3.9	1.9/
BMHH1000/480	1000	CWA-HPF	1080	480V					2.3

### Metal Halide LAMPS

RAB Catalog #	Watts	Base	ANSI Code	Type	Initial Lumens	Life Hours	Burn Position
LMH50	50	Medium	M110	ED17	3,400	10,000	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
LMH70	70	Medium	M98	ED17	5,600	15,000	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
LMH100	100	Medium	M90	ED17	9,000	15,000	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
LMH125PS	125	Medium	M150	ED17	12,000	15,000	BU90
LMH150	150	Medium	M107	ED17	13,500	19,000	U
LMH150PS	150	Medium	M102	ED17	14,000	15,000	U
LMH175	150	Medium	M102	EDX17	13,300	15,000	U
LMH175	"	"	"	"	"	"	U
LMH175	175	Medium	M57	ED17	14,000	10,000	U
"	"	"	"	"	"	"	U
"	"	"	"	"	"	"	U
LMH200PS	200	Mogul	M136	ED28	21,000	15,000	H75
"	"	"	"	"	"	"	U
LMH250	250	Mogul	M58	ED28	21,000	10,000	U
"	"	"	"	"	"	"	U
LMH250PS	250	Mogul	M138/M153	ED28	25,000	15,000	H75
LMH320PS	320	Mogul	M132/M154	ED28	31,000	20,000	H75
LMH350PS	350	Mogul	M131	ED28	35,000	20,000	H75
LMH400Z	400	Mogul	M59	ED28	36,000	20,000	U
LMH400Z	400	Mogul	M59	ED28	36,000	20,000	U
LMH400Z	400	Mogul	M59	ED28	36,000	20,000	U
LMH400PS	400	Mogul	M135/M155	ED28	40,000	20,000	H75
LMH1000	1000	Mogul	M47	BT56	110,000	12,000	U
LMH1000	1000	Mogul	M47	BT56	110,000	12,000	U

### Induction\*\*

BQL55	55	E-HPF	60	120V	.5			
BQL85	85	E-HPF	96	120V	.7			

\*\* It is recommended that the complete system be changed when relamping including the Generator, Power Coupler and Vessel



**E PULSE START**  
High Efficiency Metal Halide  
Complies with EISA 2007

### Incandescent

LI75	75	Medium	A19	1,200	750
LI100	100	Medium	A19	1,730	750
LI150	150	Medium	A21	2,850	750
LI200	200	Medium	A23	3,850	750
LI300	300	Medium	PS25	6,280	750

### Burn Position Key

U = Universal  
BU = Base Up  
BU90 = Base Up +/- 90°  
H75 = Horizontal +/- 75°