

WALLPACKS

WP2



Mid size Wallpack for up to 150 watt HPS, 175 watt Metal Halide and 84 watt Fluorescent. Converts to a cutoff fixture with WP2C Retrofit kit.

Photocell mounting hole

Hinged door frame opens and remains captive for easy relamping

Precision die cast aluminum housing with durable bronze or white polyester powder coat finish

Tempered glass refractor

Drilling template for easy box mounting

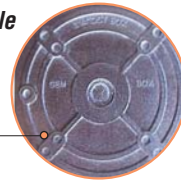
Silicone gasket

Top, side and back conduit openings

Cutoff Glare Shield for Friendly Lighting

Long life lamp supplied

Tempered glass lens



PULSE START

High Efficiency Metal Halide

Product Information

High Pressure Sodium
Lamp supplied with fixture
QT = Quad Tap = 120 / 208 / 240 / 277 volts

Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps			
				120V	208V	240V	277V
70	ED17	Med	R-HPF120V	.9 / .8			
70	ED17	Med	HX-HPF QT	.6 / .8	.4 / .5	.4 / .3	.3 / .4
100	ED17	Med	R-NPF 120V	3.0 / 2.5			
100	ED17	Med	R-HPF 120V	1.5 / 1.1			
100	ED17	Med	HX-HPF QT	.9 / 1.1	.6 / .6	.5 / .6	.4 / .5
150	ED17	Med	R-NPF120V	4.1 / 2.6			
150	ED17	Med	HX-HPF QT	1.6 / 1.6	.9 / .9	.8 / .8	.7 / .7

Metal Halide
Lamp supplied with fixture
PS* = Pulse Start
PSQ & QT=Quad Tap=120 / 208 / 240 / 277 volts

PS* 70	ED17	Med	HX-NPF 120V	2.8 / 2.2			
PS* 100	ED17	Med	HX-HPF QT	.95 / 1.2	.6 / .7	.5 / .6	.4 / .5
PS* 125	ED17/HBU	Med	CWA-HPF QT	.9 / 1.3	.5 / .8	.4 / .7	.4 / .6
PS* 150	ED17/U	Med	CWA-HPF QT	1.3 / 1.6	1 / 1	.7 / .8	.6 / .7
150	ED17	Med	CWA-HPF QT	1.1 / 1.6	.6 / .9	.5 / .8	.5 / .7

Compact Fluorescent
Lamp supplied with fixture

26	Triple	GX24q-3	Electronic QT	.3	.2	.1	.1
32	Triple	GX24q-3	Electronic QT	.3	.2	.2	.1
42	Triple	GX24q-4	Electronic QT	.4	.3	.2	.2
84	2-42w Triple	GX24q-4	Electronic QT	.8	.6	.5	.4

Factory Installed Options
Add suffix to catalog number

Button Photocell Specify Photocell voltage
Swivel Photocell Specify Photocell voltage
Single fusing for 120 and 277 volt
Double fusing for 208 and 240 volt

Tamperproof screws

Corrosion protected Wire Guard

Clear Polycarbonate Shield

Shade Glare Shield - Curved

Shade Glare Shield - Rectangular

Emergency Battery Back Up (for 42w Fluorescent WP2 models only)



Accessories

Specifications

UL Listing:

Suitable for wet locations. HID fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Housing:

Die cast aluminum, 1/2" NPS tapped holes top, both sides and back for conduit or photocell. Hinged refractor frame. Continuous silicone rubber gasket.

Reflector:

Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

WP2 Cutoff Lens:

Tempered, thermal shock resistant glass

WP2 Refractor:

Prismatic optics designed to minimize glare and throw light down and out. Heat resistant borosilicate glass.

Socket:

HID: 4kv Pulse Rated Porcelain socket with nickel plated screw shell and spring loaded center contact.

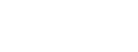
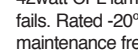
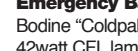
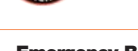
CFL: GX24q-3 = 26w & 32w

GX24q-4 = 42w base.

Plug in type thermoplastic

Finish:

Chip and fade resistant Bronze or White polyester powder coat finish.



WP2

Mid size wallpack for 70 to 150 watts HPS, 70-150 watt Metal Halide or 84 watts (2x42) Compact Fluorescent. All aluminum precision die cast construction with tempered glass refractor. Lamp supplied.

Finish: ● Bronze
○ White



WP2 Cutoff Retrofit Kit

Convert existing RAB WP2 HID wallpacks to cutoff beam spread. Kit includes: cutoff shield, reflector, socket bracket & aluminum strip for additional degrees of cutoff. Easy 5 minute field installation.

Finish: ● Bronze
○ White



Friendly Lighting See pages 32-33 for complete WP2C and WP2FC fixtures

Catalog Numbers

Bronze	White
WP2SH70	WP2SH70W
WP2SH70QT	WP2SH70QTW
WP2SN100	WP2SN100W
WP2SH100	WP2SH100W
WP2SH100QT	WP2SH100QTW
WP2SN150	WP2SN150W
WP2SH150QT	WP2SH150QTW
WP2H70	WP2H70W
WP2H100QT	WP2H100QTW
WP2H125PSQ	WP2H125PSQW
WP2H150PSQ	WP2H150PSQW
WP2H150QT	WP2H150QTW
WP2F26	WP2F26W
WP2F32	WP2F32W
WP2F42	WP2F42W
WP2F84	WP2F84W
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/TP	/TP
GDWP2W	GDWP2W
GDWP2P	GDWP2P
SHC2A	SHC2W
SHR2A	SHR2W
/E1	/E1
/E2	/E2



Replacement Lamps Replacement Ballasts

LHPS70	BHPSH70
LHPS70	BHPSH70QT
LHPS100	BHPSN100
LHPS100	BHPSH100
LHPS100	BHPSH100QT
LHPS150	BHPSN150
LHPS150	BHPSH150QT
LMH70	BMHN70
LMH100	BMHH100QT
LMH125PS	BMH125PSQ
LMH150PS	BMH150PSQ
LMH150	BMHH150QT

LCFL26	BCFL42QT
LCFL32	BCFL42QT
LCFL42	BCFL42QT
LCFL42	BCFL2X42

Pick the Cutoff You Need



Fully Shielded Full Cutoff WP2FC
Highest light levels on ground near building. IDA approved Dark Sky Friendly Fixture.

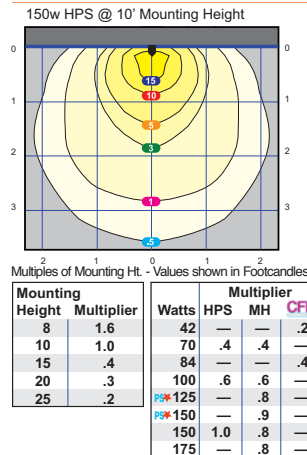


Cutoff WP2C
Medium light levels on ground. Light is directed down & out for furthest spread.

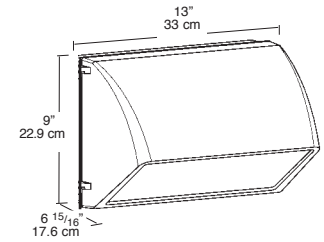
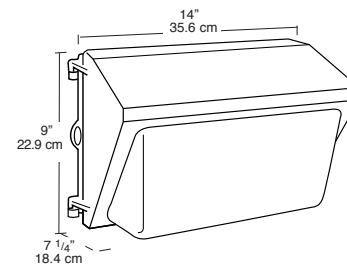


Standard Wallpack WP2
Low light levels on ground. Lots of light in sky.

Photometrics



Dimensions



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				.7/1.7	
BMHH50	50	HX-HPF	69	120V	8/0.7				
BMH50QT	50	HX-HPF	72	QT	6/1.6	4/1.4	3/1.3	3/1.3	
BMHN70	70	HX-NPF	94	120V	2.5/2.1				
BMHH70	70	HX-HPF	94	120V	1/1.9				
BMHN70/277	70	R-NPF	85	277V				1.2/1.9	
BMHH70/277	70	R-HPF	85	277V				.5/1.4	
BMHH70DT	70	HX-HPF	88	DT	6/1.8			3/1.4	
BMHH70QT	70	HX-HPF	90	QT	6/1.9	3/1.5	3/1.5	3/1.4	
BMHN100/277	100	R-NPF	118	277V				1.3/1.1	
BMHH100/277	100	R-HPF	118	277V				.7/1.5	
BMHH100DT	100	HX-HPF	129	DT	1.2/1.2			.6/1.5	
BMHH100QT	100	HX-HPF	129	QT	1.2/1.2	7/1.7	7/1.8	6/1.5	
BMHH100/480	100	HX-HPF	132	480V					3/1.3
BMHH125PSQ	125	CWA-HPF	150	QT	9/1.3			4/1.6	
BMHH150QT	150	HX-HPF	185	QT	1/1.6	6/1.9	5/1.8	5/1.7	
BMHH150PSQ	150	HX-HPF	185	QT	1.3/1.6	1/1	7/1.8	6/1.7	
BMHH175/480	150/175	CWA-HPF	185/210	480V					4/1.5
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	7/1.9	6/1.8	
BMHH175/480	150/175	CWA-HPF	185/210	480V					4/1.5
BMHH175PSQ	175	CWA-HPF	208	QT	1/1.9	6/1.1	5/1	5/1.8	
BMHH200PSQ	200PS	CWA-HPF	232	QT	1.4/2	8/1.2	7/1	6/1.9	
BMHH200PSQ	200PS	CWA-HPF	232	QT	1.4/2	8/1.2	7/1	6/1.9	
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					6/1.7
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

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



PULSE START
High Efficiency Metal Halide
Complies with EISA 2007

Metal Halide LAMPS

RAB Catalog #	Watts	Base	ANSI Code	Type	Initial Lumens	Life Hours	Burn Position
"	"	"	"	"	"	"	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	M138/153	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

Incandescent

LQL55	55	**	**	**	3,500	100,000	
LQL85	85	**	**	**	6,000	100,000	
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°

High Pressure Sodium BALLASTS

RAB Catalog #	Watts	Type	Input		Starting Amps / Operating Amps				
			Watts	Volts	120V	208V	240V	277V	480V
BHPSN35	35	R-NPF	46	120V	1.4/1.9				
BHPSH35	35	R-HPF	46	120V	8/4				
BHPSN50	50	R-NPF	62	120V	1.8/1.2				
BHPSH50	50	R-HPF	62	120V	1/6				
BHPSH50DT	50	HX-HPF	66	DT	65/61			3/3	
BHPSN70	70	R-NPF	86	120V	2.1/1.6				
BHPSH70	70	R-HPF	86	120V	9/8				
BHPSH70DT	70	HX-HPF	91	DT	8/9			0.4/0.4	
BHPSH70QT	70	HX-HPF	91	QT	8/9	0.5/0.5	0.4/0.4	0.4/0.4	
BYHPS70	70	R-NPF	86	120V	2.1/1.6				
BHPSN100	100	R-NPF	115	120V	3.1/2.1				
BHPSH100	100	R-HPF	115	120V	1.5/1.1				
BHPSH100DT	100	HX-HPF	130	DT	1.3/1.2			6/5	
BHPSH100QT	100	HX-HPF	130	QT	1.3/1.2	8/7	7/6	6/5	
BHPSN150	150	R-NPF	170	120V	4.5/3.2				
BHPSH150	150	R-HPF	170	120V					
BHPSH150DT	150	HX-HPF	188	DT				9/0.8	
BHPSH150QT	150	HX-HPF	188	QT	2/1.7	1.2/1	1/9	9/8	
BHPSH150/480	150	CWA-HPF	188	480V					3/5
BYHPS150	150	R-NPF	170	120V	4.5/3.2				
BHPSH250QT	250	CWA-HPF	295	QT	1.7/2.5	1/1.5	.8/1.3	.7/1.1	
BHPSH250/480	250	CWA-HPF	310	480V					4/7
BHPSH400QT	400	CWA-HPF	464	QT	3.3/3.8	1.8/2.2	1.5/1.9	1.4/1.7	8/1
BHPSH400/480	400	CWA-HPF	464	480V					
BHPSH1000QT	1000	CWA-HPF	1100	QT	6.4/9.5	3.8/5.5	3.2/4.8	2.8/4.2	
BHPSH1000/480	1000	CWA-HPF	1100	480V					1.6/2.3

Mercury Vapor

BYM175	175	R-NPF	215	120V	3.5/1.8				
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Fluorescent

BCFL7	7	NPF	9	120V	.2				
BCFL9	9	NPF	10	120V	.2				
BCFL13	13	NPF	17	120V	.3				
BCFL13	13	NPF	17	120V	.3	.1	.1	.1	
BCFL13-4E	13	E-HPF	16	120-277V	.2				
BCFL22	22	NPF	25	120V	.7				
BCFL28	28	NPF	32	120V	.6				
BCFL26	26	E-HPF	29	120-277V	.3	.2	.2	.2	
BCFL26	2X26	E-HPF	54	120-277V	.5	.3	.3	.2	
BCFL42	32	E-HPF	36	120-277V	.4	.2	.2	.2	
BCFL42	42	E-HPF	46	120-277V	.4	.3	.2	.2	
BCFL2X42	2X42	E-HPF	93	120-277V	.8	.5	.5	.4	
BYCFL65	65	E-HPF		120V	.9				
BCFL120	60	E-HPF	70	120-277V	.6	.5	.4	.3	
BCFL120	85	E-HPF	98	120-277V	.9	.8	.7	.5	
BCFL120	120	E-HPF	139	120-277V	1.2	1	.8	.6	

Self Ballasted Fluorescent

LFS13	13	Elec	120V	.19				
LFS23	23	Elec	120V	.35				



SELF-BALLASTED CFL
Saves Energy Saves Money!

High Pressure Sodium LAMPS

RAB Catalog #	Watts	Base	ANSI Code	Type	Initial Lumens	Life Hours
"	"	"	"	"	"	"
"	"	"	"	"	"	"
LHPS50	50	Medium	S68	ED17	4,000	24,000
"	"	"	"	"	"	"
"	"	"	"	"	"	"
LHPS70	70	Medium	S62	ED17	6,300	24,000
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
LHPS100	100	Medium	S54	ED17	9,500	24,000
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
LHPS150	150	Medium	S55	ED17	16,000	24,000
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
LHPS250	250	Mogul	S50	ED18	27,000	24,000
"	"	"	"	"	"	"
LHPS400	400	Mogul	S51	ED18	50,000	24,000
"	"	"	"	"	"	"
LHPS1000	1000	Mogul	S52	ED25	140,000	24,000
"	"	"	"	"	"	"

LMV175	175	Mogul	H39	ED28	7,900	24,000
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LCFL7T	7	Twin		G23	400
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