

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

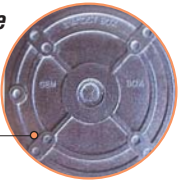
Silicone gasket

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

	Lamp Watts	Lamp Type	Lamp Base	Ballast	Starting Amps 120V	Operating Amps 208V	Operating Amps 240V	Operating Amps 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

Accessories

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)



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.

Emergency Battery Back Up:
Bodine "Coldpak" will operate the WP2 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life.

www.rabweb.com
Spec sheets • EZ Lighting Layouts
Photometrics • Wiring Diagrams
IES Files • Installation Instructions

Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
86	S62	6,300	24,000
91	S62	6,300	24,000
115	S54	9,500	24,000
115	S54	9,500	24,000
115	S54	9,500	24,000
170	S55	16,000	24,000
188	S55	16,000	24,000
94	M98	5,600	15,000
129	M90	9,000	15,000
150	M150	12,000	15,000
190	M102	14,000	15,000
185	M107	12,500	10,000
29		1,800	12,000
36		2,400	12,000
46		3,200	12,000
93		6,400	12,000

	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

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

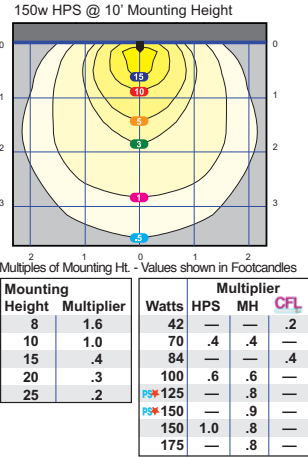


Replacement Lamps	Replacement Ballasts
LHPS70	BHPSH70
LHPS70	BHPSH70QT
LHPS100	BHPSN100
LHPS100	BHPSH100
LHPS100	BHPSH100QT
LHPS150	BHPSN150
LHPS150	BHPSH150QT
LMH70	BMHN70
LMH100	BMHH100QT
LMH125PS	BMH125PSQ
LMH150PS	BMH150PSQ
LMH150	BMHH150QT
LCFL26	BCFL42QT
LCFL32	BCFL42QT
LCFL42	BCFL42QT
LCFL42	BCFL2X42

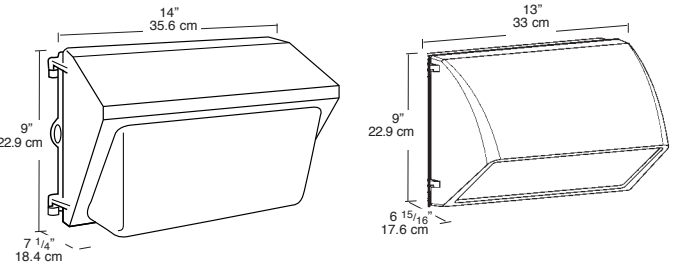
Pick the Cutoff You Need



Photometrics



Dimensions



DESIGN DATA
Lamps & Ballasts

Metal Halide BALLASTS

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps (120V, 208V, 240V, 277V, 480V), Operating Amps, Burn Position, etc.

Induction**

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position, etc.

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

Image of a green leaf and a light bulb, with text: PULSE START High Efficiency Metal Halide, Complies with EISA 2007

Metal Halide LAMPS

Table with 13 columns: RAB Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours, Burn Position, etc.

Incandescent

Table with 7 columns: Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours

Burn Position Key

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

High Pressure Sodium BALLASTS

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps (120V, 208V, 240V, 277V, 480V), Operating Amps, Burn Position, etc.

Mercury Vapor

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position, etc.

Fluorescent

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position, etc.

Self Ballasted Fluorescent

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position, etc.

Image of a CFL bulb with text: New! SELF-BALLASTED CFL, Saves Energy, Saves Money!

High Pressure Sodium LAMPS

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Quartz

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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

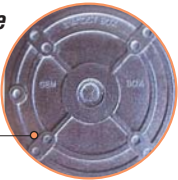
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	84	2-42w Triple	GX24q-4	Electronic QT	.8	.6	.5	.4

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

Accessories

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)



Specifications

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Reflector:
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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.

Emergency Battery Back Up:
Bodine "Coldpak" will operate the WP2 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life.

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36		2,400	12,000
46		3,200	12,000
93		6,400	12,000

	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

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

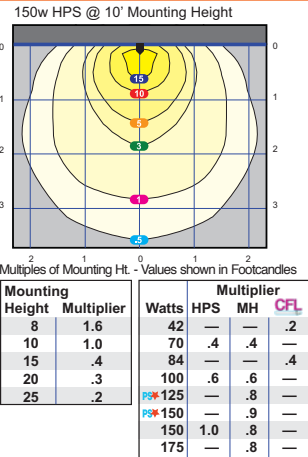


Replacement Lamps	Replacement Ballasts
LHPS70	BHPSH70
LHPS70	BHPSH70QT
LHPS100	BHPSN100
LHPS100	BHPSH100
LHPS100	BHPSH100QT
LHPS150	BHPSN150
LHPS150	BHPSH150QT
LMH70	BMHN70
LMH100	BMHH100QT
LMH125PS	BMH125PSQ
LMH150PS	BMH150PSQ
LMH150	BMHH150QT
LCFL26	BCFL42QT
LCFL32	BCFL42QT
LCFL42	BCFL42QT
LCFL42	BCFL2X42

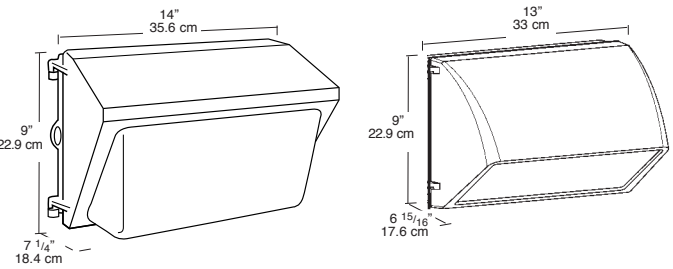
Pick the Cutoff You Need



Photometrics



Dimensions



DESIGN DATA
Lamps & Ballasts

Metal Halide BALLASTS

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps (120V, 208V, 240V, 277V, 480V), Operating Amps, Burn Position. Rows include various ballast models like BMHN50, BMHN50/277, BMHH50, etc.

Induction**

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position. Rows include BQL55, BQL85.

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

Image of a green leaf and a light bulb with the text 'PULSE START High Efficiency Metal Halide' and 'Complies with EISA 2007'.

Metal Halide LAMPS

Table with 13 columns: RAB Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours, Burn Position. Rows include various lamp models like LMH50, LMH70, LMH100, etc.

Incandescent

Table with 7 columns: Model, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours. Rows include LI75, LI100, LI150, LI200, LI300.

Burn Position Key

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

High Pressure Sodium BALLASTS

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps (120V, 208V, 240V, 277V, 480V), Operating Amps, Burn Position. Rows include various ballast models like BHPSN35, BHPSH35, etc.

Mercury Vapor

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position. Row includes BYM175.

Fluorescent

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position. Rows include various fluorescent lamp models like BCFL7, BCFL9, etc.

Self Ballasted Fluorescent

Table with 10 columns: RAB Catalog #, Watts, Type, Input Watts, Volts, Starting Amps, Operating Amps, Burn Position. Rows include LFS13, LFS23.

Image of a CFL bulb with the text 'New! SELF-BALLASTED CFL Saves Energy Saves Money!'.

High Pressure Sodium LAMPS

Table with 13 columns: RAB Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours. Rows include various lamp models like LHPS35, LHPS50, etc.

Table with 13 columns: RAB Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours. Row includes LMV175.

Table with 13 columns: RAB Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours. Rows include various lamp models like LCFL7T, LCFL9Q, etc.

Quartz

Table with 13 columns: RAB Catalog #, Watts, Base, ANSI Code, Type, Initial Lumens, Life Hours. Rows include various quartz lamp models like LQ75, LQ75-GY8, etc.