

LIGHTOLIER®

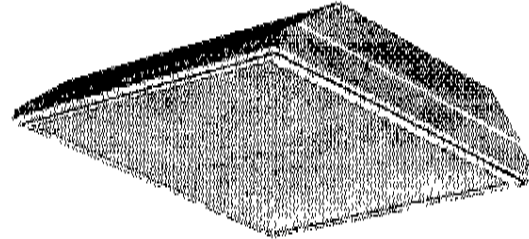
Lens Recessed XP/XA Series

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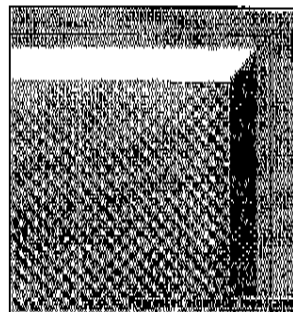
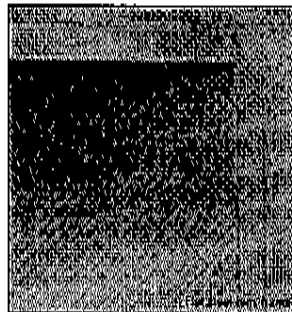
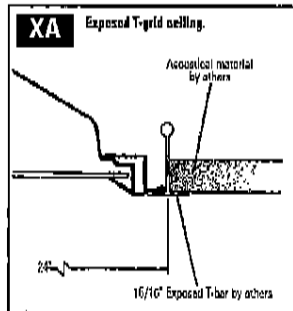
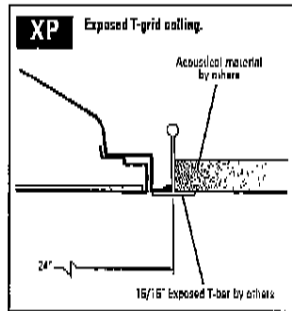
Static, 2' x 2', Recessed Fluorescent, Flat Steel Lens Frame (XP)
 Recessed Aluminum Lens Frame (XA), 2 Lamp T8 or T12

Features

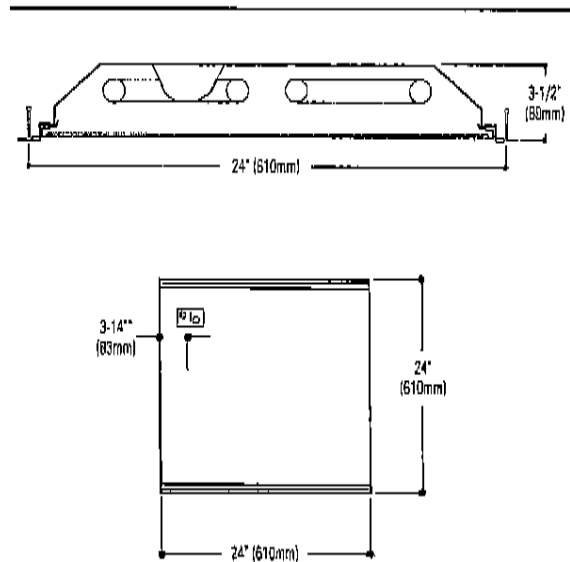
- Efficiency 71.7% (T8 lamps)
- One piece housing
- Only 3-1/2" nominal deep body
- Flat steel full-size lens frame
- Recessed extruded aluminum lens frame
- Cam-action latches
- UL-Listed twin knockout access plate for easy closed lens frame wiring



Mounting Methods



Dimensions



Job Information	Type: A
Job Name:	LA DEPT OF AGRICULTURE & FORRESTRY
Cat. No.:	XP2GVI28UUNVHI
Lamp(s):	
Volts/Ballast:	

For Factory Technical Information: (978) 857-7600 • Fax (978) 658-0595
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Section 1A/Folio F60-50 Rev. A

LIGHTOLIER®

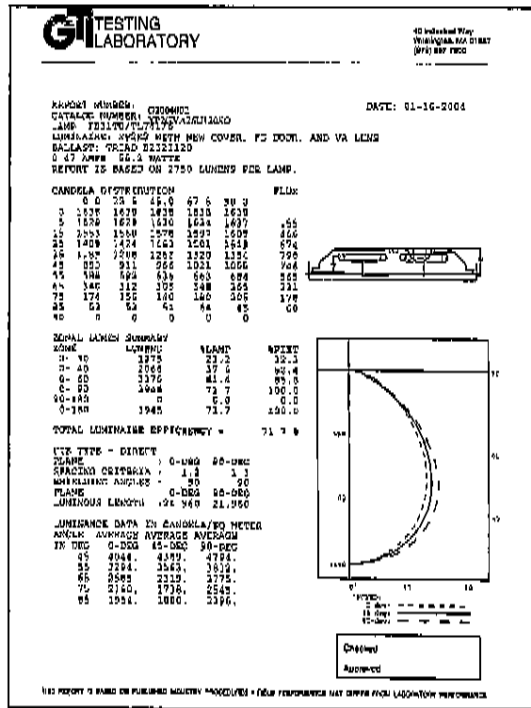
Lens Recessed XP/XA Series

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Static, 2' x 2', Recessed Fluorescent, Flat Steel Lens Frame (XP)
 Regressed Aluminum Lens Frame (XA), 2 Lamp T8 or T12

Photometry

Model No. XP2GVA26U120S0



LER = FL - 52.3 IW - 55.3 BF - 0.87
 Comparative yearly lighting energy cost per 1000 lumens = \$3.85

coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

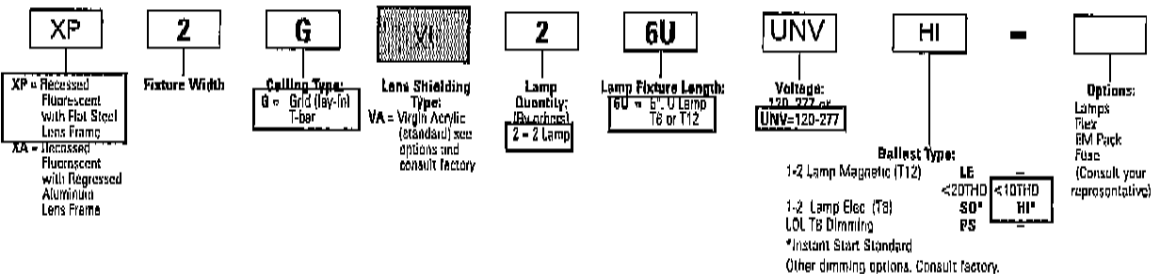
RW	20			30			40		
	20	30	40	20	30	40	20	30	40
1	78	78	73	71	69	67	68	67	65
2	72	67	62	63	60	57	61	58	55
3	66	59	54	56	52	49	54	51	48
4	61	53	47	50	46	42	49	45	41
5	56	48	42	45	40	37	44	40	36
6	52	43	37	41	36	32	40	36	32
7	49	39	33	38	33	29	37	32	29
8	45	36	30	35	30	26	34	29	26
9	42	33	27	32	27	23	31	27	23
10	40	31	25	30	25	21	29	24	21

visual comfort probability (rated lumens per lamp 2850)

room size	L	ceiling height			ceiling height		
		8.5	10.0	13.0	8.5	10.0	13.0
20	20	62	66	72	69	63	60
20	30	58	59	63	62	56	60
20	40	53	55	58	63	51	55
20	60	50	52	54	69	45	48
30	20	68	67	72	78	61	66
30	30	56	58	63	68	53	57
30	40	63	55	57	61	49	51
30	60	50	52	53	56	46	47
30	80	49	50	50	53	44	46
40	20	65	68	72	77	64	67
40	30	58	61	64	67	55	59
40	40	53	56	58	60	50	53
40	60	50	52	53	56	46	48
40	80	48	50	50	53	45	46
40	100	49	50	49	50	45	45
60	30	59	62	64	68	57	60
60	40	54	58	58	61	52	54
60	60	51	52	53	55	47	49
60	80	49	50	50	52	45	46
60	100	48	49	48	50	45	45
100	40	57	59	60	63	55	57
100	60	58	54	54	57	51	52
100	80	52	52	51	53	49	49
100	100	51	51	49	51	48	47

Ordering Information

Explanation of Catalog Number. Example: XP2GVA26U120S0GLR



Options/Accessories

Special Lens: Substitute VY for .125" nominal pattern 12 with 7.8 oz. average weight per square foot. Substitute VI for .125" nominal pattern 12 with 6 B oz. average weight per square foot.
Access Plates: Top wiring access plate is shipped with fixture as standard. When access plates are required in advance for wiring convenience, specify separately. Order Catalog Number: ACP CSP.
Electrical Wiring Options: Consult factory.
Fusing: Internal fast-blow fusing. Suffix: GLR.
 Internal slow-blow fusing. Suffix: GMF.
Radio Interference Filter: 120 or 277 volt, 50 or 60 Hz. One per fixture. Suffix: R. One per ballast. Suffix: B.
Drywall Kit: G type fixtures for drywall or plaster ceilings. Order Catalog Number: FK92X2.

Specifications

Performance: In an installation of 2 lamps 32 W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% walls, 20% floor, the C.U. shall not be less than .76. To reduce glare the VCP shall not be less than 47 either lengthwise or crosswise (at 100 fc level) and the average brightness at 65 shall not exceed 2775 footlamberts. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 67.7%.

Specifications (continued)

Materials: Chassis parts are die-formed cold gauge cold rolled steel. Lens frames—(XP) flat full-size steel frame. (XA) regressed full-size aluminum frame.
Finish: Chassis exterior—white baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.
Lens: Extruded virgin acrylic 3/16" square based female cones, running 45° to the panel edge. .095" nominal thickness (similar to pattern 12).
Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
Labels: I.B.E.W./UL and ULc Listed
 This product may have a mercury containing lamp. Manage in accord with Disposal Laws.
 See: www.lamprecycle.org

Job Information

Type: A

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PFHB Series

Performer High Bay, 250-1000 watt HID

Type: B
 Job: LA Dept of Agriculture & Forrestry
 Catalog Number:

Approvals:

PFP - 400 - W - E - QV -
 SERIES WATTAGE DISTRIBUTION OPTICS VOLTAGE

WG

OPTIONS

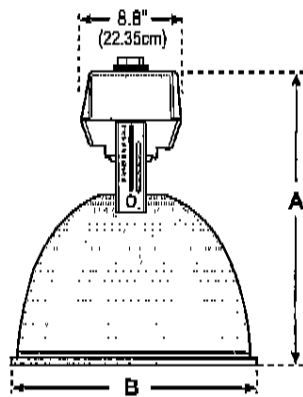
ACCESSORIES:

Date:

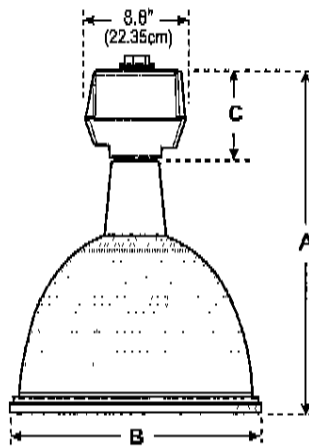
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Overall Dimensions For reference only

Open Optics



Enclosed Optics



450 WATT and Below

	NARROW	WIDE
A	21.0" - 22.3" (53.34cm - 56.52cm)	18.8" - 21.0" (50.17cm - 53.34cm)
B	18.0" (45.72cm)	18.0" (45.72cm)
C	6.5" (21.59cm)	8.5" (21.59cm)

1000 WATT

	NARROW	WIDE
A	28.0" - 28.5" (71.12cm - 72.39cm)	27.8" - 28.3" (70.49cm - 71.76cm)
B	22.0" (55.88cm)	22.0" (55.88cm)
C	11.0" (27.94cm)	11.0" (27.94cm)

Specifications

Open / Enclosed And Gasketed Reflector

Computer designed 18" (450W and below) and 22" (1000W) diameter stepped optics. Reflector is spun from high purity, chemically brightened and anodized aluminum. Open reflector shall have self-cleaning ventilated design for natural flow of air to reduce collection of contaminants on reflector wall and lamp. Die-embossed yoke provides positive mounting of open reflector. Enclosed and gasketed reflector shall have bottom lens and dust cap to prevent airborne contaminants from entering the optical chamber, so light levels are maintained as designed for years. Standard open optic unit is constructed to IP22. Standard enclosed optic unit is constructed to IP52. Wet Location unit is constructed to IP54. With Less Ballast option, unit is constructed to IP54.

Distribution

Narrow (N) or Wide (W) distribution available to ideally suit the lighting criteria for a given space.

Lens

Tempered glass is standard or when lamp manufacturer's data recommends "use in suitably enclosed fixture." Patented 5 mil FEP Teflon® lens is optional (transmits 5% more light than clear glass.) Units with Teflon® lens alone require the use of Open Rated lamps.

Lamp

Performer High Bay luminaires require the use of mogul-based lamps.

Ballast Assembly Features

Low profile, heat dissipating die-cast aluminum ballast enclosure has a white UltraClad™ polyester powder coat, electrostatically applied and oven cured. Totally enclosed core & coil assembly and capacitor for safe and reliable component life.

Ballast

High power factor constant-voltage autotransformer (CWA) ballast with reliable starting to -29°C (-20°F) for Metal Halide, -34°C (-30°F) for Pulse Start Metal Halide, -40°C (-40°F) for High Pressure Sodium. 180°C (356°F) Class H insulation system. Crest factor does not exceed 1.8. PolyBlock ballast option (core and coil assembly encapsulated in polyester resin compound) available for applications requiring quieter operation and maximum heat dissipation. Electronic Ballast option is available.

Mounting

Cast aluminum nut and hub is standard for quick, positive mounting to 3/4" NPT or NPSM conduit.

Listings

UL/cUL Listed luminaire, UL 1598, suitable for Damp Locations, Wet Location option available. Standard unit suitable for use in ambients not exceeding 55°C (131°F). With 65 Option, unit is suitable for use in ambients not exceeding 65°C (149°F). NSF Sanitation Listing available.

The quality systems of this facility have been Registered by UL to the ISO 9000 Series Standards.

Warranty / Terms and Conditions

Standard 5 Year Limited Warranty.

Wide-Lite's current Warranty may be found at www.wide-lite.com (keyword: warranty) as well as Wide-Lite's current Standard Terms and Conditions of Sale (keyword: terms).

All sales of items in this catalogue shall be subject to Wide-Lite's Standard Terms and Conditions of Sale current at the time of shipment. If you do not have a copy of Wide-Lite's Warranty and Standard Terms, please contact the factory for same prior to ordering.



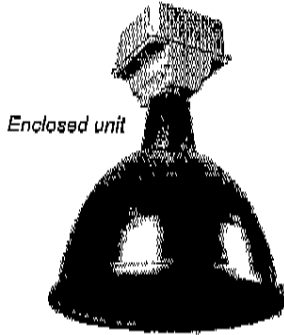
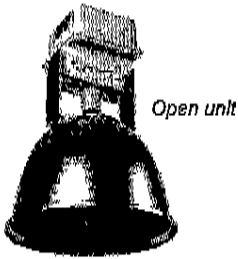
Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contain Mercury" and/or with the symbol "Hg". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at www.lamprecycle.org.



PFHB Series
Performer High Bay, 250-1000 watt HID

Type: B
 Job: LA Dept of Agriculture & Forrestry

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Series

- Metal Halide ⁽¹⁾**
 PFM-1000
- Pulse Start Metal Halide ⁽²⁾**
 PFP-1000 ⁽³⁾
 PFP-450
 PFP-400
 PFP-350
 PFP-320
 PFP-250
- High Pressure Sodium ⁽⁴⁾**
 PFS-1000
 PFS-400
 PFS-250



Distribution

- N = Narrow
 W = Wide

Optics

- O = Open ⁽³⁾
 E = Enclosed
 TE = Enclosed unit with Teflon[®] lens

Voltage

- 120
 208
 240
 277
 QV ⁽⁵⁾

(1) Per the 2005 National Electric Code (NEC 2005); Open MH luminaires require the use of "O" rated lamps. Do not install a lamp identified for use in Enclosed Luminaires.
 (2) Open PS luminaires require the use of "O" rated lamps with the exclusionary lamp base (EX39) only. Do not use any other base lamp.
 (3) At time of publication, an open rated lamp is not available in 1000 watt Pulse Start Metal

Halide. 1000 watt Pulse Start units are not available with Open optics.
 (4) Open construction is standard for Performer Series HPS; consult factory for Enclosed construction.
 (5) Allows field selection of 120/208/240/277 voltage.
(No 480V). Certain options may require voltage selection as well.

Distribution Guide & Ballast Data ⁽¹⁾

Source Type ⁽²⁾	Catalog Number	Standard Lamp ⁽³⁾ Envelope	Reflector Dia.	Spacing Criteria ⁽⁴⁾		IES File Name ⁽⁵⁾	Ballast Type ⁽⁶⁾	ANSI Code	Line Current 120 / 208 / 240 / 277 / 480	Line Watts	LER ⁽⁷⁾			
				N	W						Open NO	Enclosed WO	NE	WE
	PFM-1000	BT56	22"	1.0	1.6	pfm100(*) (x).ies	CWA	M47/M36	9.2 / 5.6 / 4.7 / 4.1 / 2.4	1080	89	85	80	78
PS	PFP-1000	BT37	22"	1.0	1.7	pfp100(*) (x).ies	CWA	M141	9.2 / 5.3 / 4.6 / 4.0 / 2.4	1080	NA	NA	82	81
	PFP-450	BT / ED37	18"	1.5	2.0	pfp45(*) (x).ies	CWA	M144	4.4 / 2.6 / 2.2 / 1.9 / 1.1	509	81	78	73	70
	PFP-400	BT / ED37	18"	1.5	2.0	pfp40(*) (x).ies	CWA	M135 / M155	4.0 / 2.3 / 2.0 / 1.8 / 1.0	456	77	75	70	67
	PFP-350	BT / ED37	18"	1.5	2.0	pfp35(*) (x).ies	CWA	M131	3.7 / 2.1 / 1.8 / 1.6 / 0.9	400	74	72	68	65
	PFP-320	BT / ED37	18"	1.5	2.0	pfp32(*) (x).ies	CWA	M132 / M154	3.3 / 1.9 / 1.7 / 1.4 / 0.8	368	73	74	67	64
	PFP-250	BT / ED37	18"	1.5	2.0	pfp25(*) (x).ies	CWA	M138 / M153	2.8 / 1.5 / 1.3 / 1.1 / 0.6	298	73	74	67	64
HPS	PFS-1000	BT37	22"	1.2	2.2	pfs100(*) (x).ies	CWA	S52	9.5 / 5.5 / 4.8 / 4.2 / 2.4	1100	102	102	98	94
	PFS-400	E18	18"	1.1	1.7	pfs40(*) (x).ies	CWA	S51	3.9 / 2.3 / 2.1 / 1.7 / 1.0	485	94	95	86	85
	PFS-250	E18	18"	1.1	1.7	pfs25(*) (x).ies	CWA	S50	2.7 / 1.5 / 1.3 / 1.2 / 0.7	310	79	80	70	70

Distribution Guide and Ballast Data Notes:

- (1) The Performer High Bay Series can accommodate other wattages and lamps. Consult factory.
 (2) MH = Metal Halide, PS = Pulse Start Metal Halide, HPS = High Pressure Sodium.
 (3) Clear lamps are recommended to provide optimum photometric performance.
 (4) N = Narrow; W = Wide (Distribution for both open and enclosed & gasketed fixtures).
 (5) Replace (*) with: N (Narrow Dist.), or W (Wide Dist.); Replace (x) with: O (Open), or E (Enclosed).
 (6) CWA = Constant Wattage Autotransformer.
 (7) Calculated in accordance with NEMA Standard LE-5B.

WideLite®

PFHB Series Performer High Bay, 250-1000 watt HID

Type: B

Job: LA Dept of Agriculture & Forrestry

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Options (factory installed)

- BL** = Bi-Level® (Requires 5-wire)
Not available with Electronic Ballast option.
- FBL** = Fiber Optic Bi-Level Control
- BLI(X)** = Bi-Level Integral Control (offers individual fixture control. Does not provide "Zero" crossover switching.)
- BLI(X)CT** = Bi-Level Integral Control for Cold Temperatures (for use in ambients down to -29°C (-20°F)).
X = S (Symmetric Coverage), A (Aisle Coverage)
- BLICW** = BLI with fixture counterweight

Bi-Level option provides high/low level of lamp output with 50% power consumption.

BL option's exclusive Zero crossover network avoids strobing and lamp dropout.

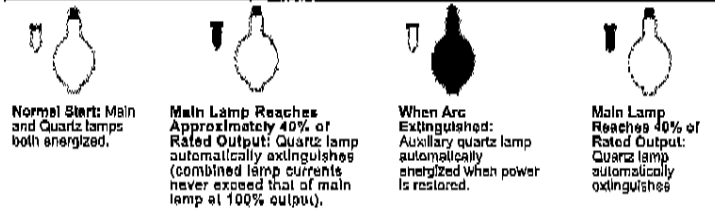
(Fixtures with FBL, or BLI option are not Wet Location Listed)



- CSR** = Hot Quartz Restrike
 - LQ** = Hot/Cold Quartz Restrike
 - LQ1** = Separately Wired (120V) Quartz Restrike (Requires 5-wire)
 - LQ2** = Combines LQ & LQ1 (Requires 5-wire)
- For other combinations, consult factory.

CSR - Quartz restrike using a current sensing relay; extinguishes auxiliary lamp when main arc strikes.
LQ - Provides LiteMatic operation for fixtures with 120V or multi-lap ballasts.
LQ1 - Separately wired, externally controlled emergency lighting from a separate power source.
LQ2 - Combines the standard LQ and LQ1 systems to provide the ultimate in safety and security.

LiteMatic Operation



Note: Standard 150 watt (120V) double contact bayonet base socket. Combined Quartz wattage may not exceed HID lamp wattage.

LQ1 and LQ2 require an interlock (by others) to ensure HID and Quartz sources are not operated at once.

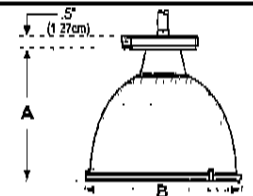
- PF-F1** = Single Fuse (120V/277V)
- PF-F2** = Double Fuse (208V/240V/480V)
Note: If ordering QV ballast, voltage must be specified.

Consists of 1 or 2 externally accessible fuse holders and 1 or 2 KTK 30 amp fuses.
(For Wet Location fixtures, consult factory for fusing)



	175 - 450W		1000W	
	NARROW	WIDE	NARROW	WIDE
A	12.5" - 13.75" (31.75 - 34.93cm)	11.25" - 12.6" (28.58 - 31.75cm)	19.5" - 20" (49.53 - 50.8cm)	19.25" - 19.75" (48.90 - 50.17cm)
B	18" (45.72cm)		22" (55.88cm)	

For use in retail stores, or any environment where aesthetics are a concern. Optics are pendant mounted with swing plate. Includes wiring quick disconnect.
(For Wet Location with this Option, consult factory)
Maximum Remote Ballast Distances apply. Consult factory.



- RM** = Remote Mount

Ballast housing pre-wired to remote socket through a reflector hanger with 3-foot 16/3 SO cord.
(Fixture is not Wet Location or Sanitation Listed with this option)



- LP** = Low Profile Mounting

Ballast housing pre-wired to remote socket through extrusion arm.
(Fixture is not Wet Location or Sanitation Listed with this option)



- WL** = Wet Location (Enclosed; conduit mount only)

- PB** = Encapsulated Polyblock (450 watt and below requires larger ballast housing. 750 watt and above requires alternate ballast housing.)

SilentGuard™ ballast encapsulation of the core and coil assembly provides quiet operation, superior protection from moisture and corrosion as well as excellent heat dissipation properties.

- 50HZ** = 50 Hz Ballast Operation

Specified for applications (outside the United States) where 50 Hertz operation is standard.

- 65** = 65°C (149°F) High Ambient Ballast

Specified for instances of typically higher ambient temperature operation.

WideLite®

PFHB Series Performer High Bay, 250-1000 watt HID

Type: B

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Options (Factory Installed)

E = Electronic Ballast option *Use this option when a specific manufacturer's ballast is not known or not required. Wide-Lite will select a ballast that is appropriate for the application. Consult factory if a specific ballast manufacturer below is selected to assure compatibility.*

For Pulse Start Metal Halide lamps only:

Standard Available Wattages:

450 400 350 320

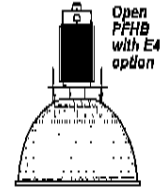
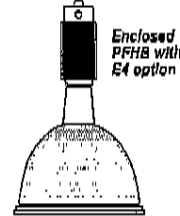
Note: 450W available in 277V only.

Standard Available Voltages:

208
240
277

Note: Limited availability in other wattages, voltages, and sources. Consult factory.

- E1** = Metrolight SuperHID™
- E2** = Universal E-tensity™
- E3** = Venture Opti-E™
- E4** = Advance Dynavision™
Unit is not Wet Location Listed with E4 option.

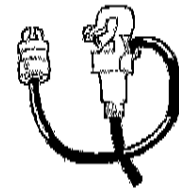


- BL50** = Electronic Ballast Bi-Level (Hi-Low) to 50% power
- AD50** = Electronic Ballast Analog Dimming to 50% power

Leave blank to specify electronic ballast without dimming capability.

- HCP-(X)C-L(YYY)P** = Hook, Cord & Plug, pre-wired, 20A standard
X = Cord Length in feet
YYY = 3-Wire NEMA Plug config.
520 = 120V 720 = 277V
620 = 208/240V 820 = 480V

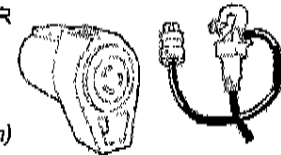
Die cast aluminum hook with locking screw, 3-conductor rubber jacketed cable (16/3) and heavy duty, twist lock plug with proper NEMA configuration for specified voltage pre-wired to ballast.
BL, LQ1 and LQ2 require 5-wire version.
(Fixture is not Wet Location Listed with this Option)



- HCP-(X)C-L2320P** = Hook, Cord & Plug, with 5-wire (16/5) NEMA Plug configuration

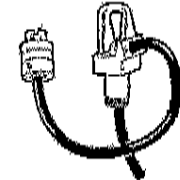
- H4-HCP-L920P** = Pendant Power Hook 3-Wire (600V) w/HCP
- H4-HCP-L2320P** = Pendant Power Hook 5-Wire (600V) w/HCP

Pendant Mounted Power Hook contains an L9-20R NEMA configured receptacle along with pre-wired HCP.
BL, LQ1 and LQ2 require 5-wire version.
(Fixture is not Wet Location Listed with this Option)



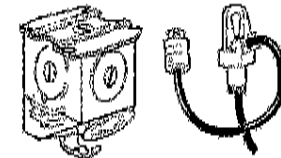
- LCP-(X)C-L(YYY)P** = Loop, Cord & Plug, pre-wired, 20A standard
- LCP-(X)C-L2320P** = Loop, Cord & Plug, with 5-wire (16/5) NEMA Plug configuration

Die cast aluminum loop, 3-conductor rubber jacketed cable (16/3) and heavy duty, twist lock plug with proper NEMA configuration for specified voltage pre-wired to ballast.
BL, LQ1 and LQ2 require 5-wire version.
(Fixture is not Wet Location Listed with this Option)



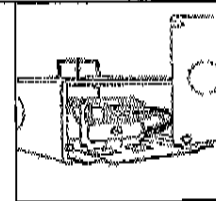
- H5-LCP-L920P** = Thru-Wire Power Hook 3-Wire (600V) w/LCP
- H5-LCP-L2320P** = Thru-Wire Power Hook 5-Wire (600V) w/LCP

Power Hook with thru-wire provision contains an L9-20R NEMA configured receptacle along with pre-wired LCP.
BL, LQ1 and LQ2 require 5-wire version.
(Fixture is not Wet Location Listed with this Option)



- TWB-EDP** = Thru-Wire Box, 3-Wire w/disconnect
 - TWB-EDP-WL** = Thru-Wire Box, 3-Wire w/disconnect, suitable for Wet Locations
 - TWB-ED5P** = Thru-Wire Box, 5-Wire w/disconnect
 - TWB-ED5P-WL** = Thru-Wire Box, 5-Wire w/disconnect, suitable for Wet Locations
- Note: If ordering QV ballast, voltage must be specified.

Thru-wire box provides disconnect capability. UL listed as primary disconnect, load break device.
BL, LQ1 and LQ2 require 5-wire version.



- UPH-LCMP** = Universal Power Hook
 - UPH-LCMP-WL** = Universal Power Hook, suitable for Wet Locations *(Includes special gasketing) (3-wire only)*
- Note: If ordering QV ballast, voltage must be specified.

3-wire Universal Power Hook is a module with thru-wire provisions that is UL listed as primary disconnect, load break device.
(Bi-Level operation is only available with the BLI option (3-wire) when luminaire is specified with a Universal Power Hook.)



- SL** = Sanitation Listed *(Required for NSF Listing, NSF Listing indicates compliance to a level of cleanability)*

With this option, Open luminaires are NSF Listed for Non-Food zones only; Enclosed luminaires are NSF Listed for Splash and Non-Food zones.

WideLite®

PFHB Series




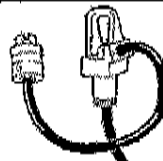

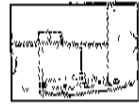





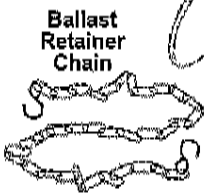
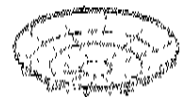

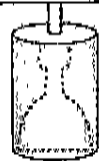
Performer High Bay, 250-1000 watt HID

Type: B

Job: LA Dept of Agriculture & Forrestry

Page 5 of 6

Accessories (field installed)

<ul style="list-style-type: none"> <input type="checkbox"/> PF-F1-Kit = Single Fuse Kit (120V/277V) <input type="checkbox"/> PF-F2-Kit = Double Fuse Kit (208V/240V/480V) (See F1 and F2 on page 3) 	<p>Consists of 1 or 2 fuse holders and 1 or 2 KTK 30 amp fuses. Field installed on wiring access plate. Must be factory installed when ordered with pre-wired LCP or HCP. (Fixture is not Wet Location Listed with this Accessory.)</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> HCP-(X)C-L(YYY)P = Hook, Cord & Plug (for X and Y components of order sequence, see HCP-(X)C-L(YYY)P Option, page 4) <input type="checkbox"/> HCP-(X)C-L2320P = Hook, Cord & Plug, with 5-wire (16/5) NEMA Plug config. 	<p>Die cast aluminum hook with locking screw, 3-conductor rubber jacketed cable (16/3) and heavy duty, twist lock plug with proper NEMA configuration for specified voltage. BL, LQ1 and LQ2 require 5-Wire version. (Fixture is not Wet Location Listed with this Accessory.)</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> H4 = Pendant Mounted Power Hook <input type="checkbox"/> H4-5W = Pendant Mounted Power Hook w/ 5-wire (16/5) NEMA Plug config. 	<p>Pendant Mounted Power Hook contains an L9-20R NEMA configured receptacle and is used specifically with the HCP. BL, LQ1 and LQ2 require 5-Wire version. (Fixture is not Wet Location Listed with this Accessory.)</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> LCP-(X)C-L(YYY)P = Loop, Cord & Plug (for X and Y components of order sequence, see HCP-(X)C-L(YYY)P Option, page 4) <input type="checkbox"/> LCP-(X)C-L2320P = Loop, Cord & Plug, with 5-wire (16/5) NEMA Plug config. 	<p>Die cast aluminum loop, 3-conductor rubber jacketed cable (16/3) and heavy duty, twist lock plug with proper NEMA configuration for specified voltage. BL, LQ1 and LQ2 require 5-Wire version. (Fixture is not Wet Location Listed with this Accessory.)</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> H5 = Power Hook with Thru-wire Provision <input type="checkbox"/> H5-5W = Power Hook with Thru-wire Provision with 5-wire (16/5) NEMA Plug config. 	<p>Power Hook with thru-wire provision contains an L9-20R NEMA configured receptacle and is used specifically with the LCP. BL, LQ1 and LQ2 require 5-Wire version. (Fixture is not Wet Location Listed with this Accessory.)</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> TWB = Thru-Wire Box 	<p>Thru-wire box. (Fixture is not Wet Location Listed with this Accessory.)</p> 
<p>Mounting Extras</p> <ul style="list-style-type: none"> <input type="checkbox"/> HM = Hook Male (Fixture is not Wet Location Listed with this Accessory) <input type="checkbox"/> LM = Loop Male (Fixture is not Wet Location Listed with this Accessory) <input type="checkbox"/> JA75 = Joint Allgner (50 lb. max. allowed) <input type="checkbox"/> SH75 = Swivel Hanger (50 lb. max., if hung from junction box) <input type="checkbox"/> BRC(X) = Ballast Retainer Chain *(X) = length in feet - 3, 5, 7 or 10 feet (Fixture is not Sanitation Listed with this Accessory) <input type="checkbox"/> ORC = 30" Optic Retainer Cable 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Hook Male</p>  </div> <div style="text-align: center;"> <p>Loop Male</p>  </div> <div style="text-align: center;"> <p>Joint Aligner</p>  </div> <div style="text-align: center;"> <p>Optic Retainer Cable</p>  </div> </div> <div style="text-align: center; margin-top: 10px;"> <p>Swivel Hanger</p>  </div> <div style="text-align: center; margin-top: 10px;"> <p>Ballast Retainer Chain</p>  </div>
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> WG-XX-PF = Wireguard *(XX = 18" or 22") (Recommended for use in gymnasiums and similar facilities) 	<p>For maximum endurance in active environments, the lens may be protected with a wireguard. (Fixture is not Sanitation Listed with this Accessory)</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> TWA = Twin Hanger Adapter 	<p>For mounting two fixtures directly to extruded arm.</p> 
<ul style="list-style-type: none"> <input type="checkbox"/> RDS-XX = Round Decorative Shroud *(XX = 18" or 22") 	<p>Contemporary decorative housing that encloses the fixture. 18" for 450W and below; 22" for 1000W.</p> 

WideLite®

PFHB Series Performer High Bay, 250-1000 watt HID

Type: B
Job: LA Dept of Agriculture & Forrestry

Page 6 of 6

Notes

Wide-Lite is a Philips group brand

P.O. Box 606
San Marcos, TX 78667-0606
Phone: 512-392-5621 / Fax: 512-753-1122

Wide-Lite reserves the right to change specifications and dimensions without notice. Lamp and electrical specifications / availability subject to change by manufacturer without notice.

www.wide-life.com
CATALOG KEYWORD: PFHB

PT#: WLSP0170A1208



ISO 9001
Certified



Type No. C

Catalog No. SL20-FINISH

Job Name LA Dept of Agriculture & Forrestry

SkyLyter Bullet Series

Architectural PAR/R20 Bullets

APPLICATIONS

- Safety, Security, and Accent Lighting.

CONSTRUCTION

- Precision die-cast aluminum housing.
- Corrosion resistant Duraplex II Bronze polyester powder coated finish, standard.
- Optional designer finishes available. See inside back cover of ExceLine catalog.
- Units equipped with weep holes for open fixture applications.
- Cast-in quadrants with serrated teeth lock unit in place once aimed.

ELECTRICAL

- Premium porcelain socket with plated medium base screw shell and reinforced center contact for positive fit.
- Extra long pigtails for easy splicing.

OPTICS

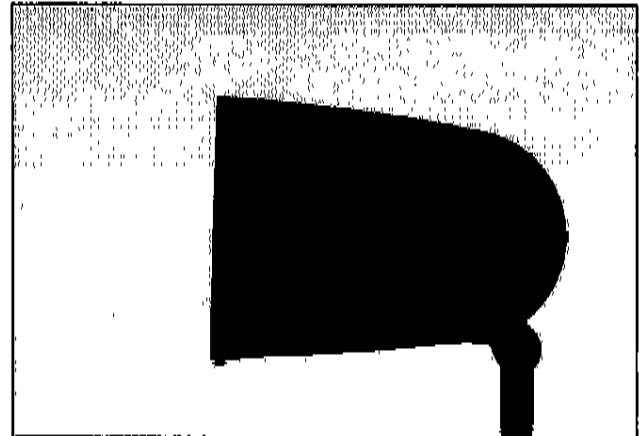
- UL listed for above horizontal aiming with PAR lamps.
- Enclosed units UL listed for above horizontal aiming with R or PAR lamps.

MOUNTING

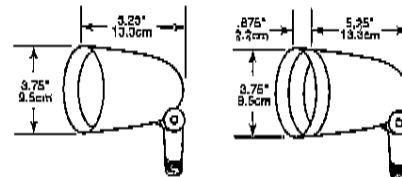
- 1/2" NPT threaded adjustable arm, locknut pre-installed, pre-lubed to facilitate mounting.

WARRANTY/LISTINGS

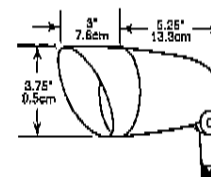
- UL 1598 listed for wet locations.
- Published five year limited warranty.



Up to 75 Watt PAR20 Open Units and PAR20 or R20 Enclosed Units

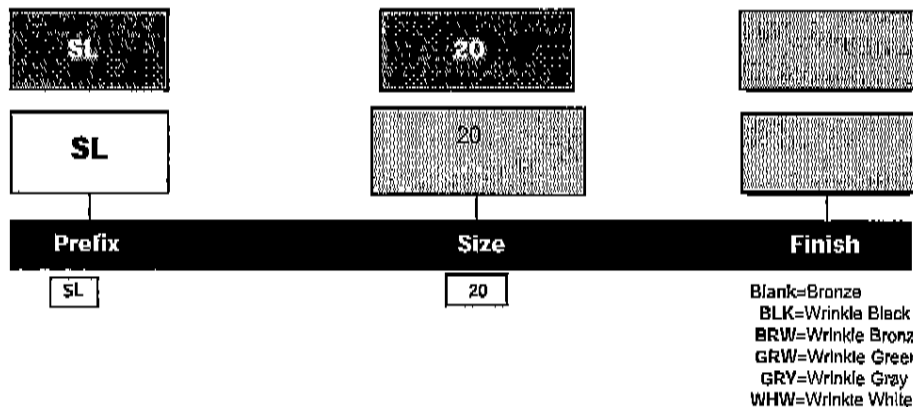


WITH E20 EXTENDER



WITH S20 SHIELD

ORDERING GUIDE EXAMPLE: SL20GRY



Accessories

- E20** Extender with lens (Available in finishes shown)
- S20** Shield with lens (Available in finishes shown)

Product Information is subject to change without notice.



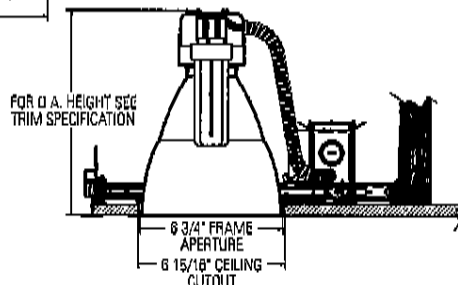
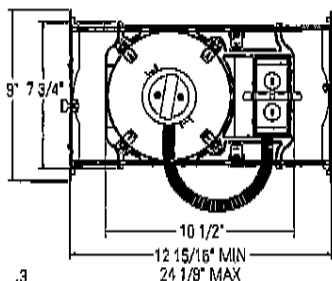
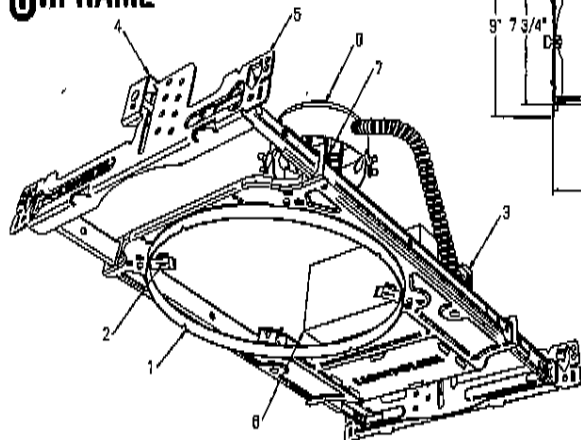
11/05

LIGHTOLIER®

Performance Recessed CFL Downlighting 1101F

Page 1 of 1

6 3/4" Aperture, 1 Light, Compact Fluorescent, Non-IC, Frame-In Kit



Complete Fixture consists of Frame-In Kit and Reflector Trim. Select each separately.

Uniframe™ Frame-In Kit	Uniframe™ Compact Fluorescent Performance Series Reflector Trims								
	Vertical Open	Vertical Wall Wash - Single	Vertical Wall Wash - Double	Horizontal Open	Horizontal Wall Wash - Single	Horizontal Wet Location Lensed / Diffused		Horizontal Cross Blade	
1101F18U 18w Quad/Triple, GX24q-2 Base 120v - 0.17amp max 277v - 0.08amp max	1101CL 1101CD 1101WH	1101CLSW 1101CDSW 1101WHSW	1101CLDW 1101CDDW 1101WHDW	1101HCL 1101HCD 1101HWH	1101HCLSW 1101HCDSW 1101HWHSW	Clear Lens 1101HCLC 1101HCDC 1101HWHC	Fresnel 1101HCLF 1101HCDF 1101HWHF	Opal Lens 1101HCLO 1101HCDO 1101HWHO	1101HACB 1101HWHCB
1101F2642U 26w Quad/Triple, GX24q-3 Base 120v - 0.24amp max 277v - 0.11amp max	Universal Series Reflector Trims (Reference Trim Spec Sheet for Recommended Lamping)								
32w Triple, GX24q-3 Base 120v - 0.31amp max 277v - 0.13amp max									
42w Triple, GX24q-4 Base 120v - 0.38amp max 277v - 0.17amp max	Performance Cone 1113CFL 1113CDCFL	Cone 1112* 1113* 1113BK* 1113WH 1113CD* 1145 1143 1146 / 1146CD 1144 / 1144CD	Satin Cone 1108* 1110*	Baffle 1105* 1105BNM 1105WH 1176 1176WH	Wall Wash 1135 1135WH 1195 1196 1196CD	Wet Location 1121 1124 1134 1177SH 1178SH 1190	Cross Blade 1132		

*Add NM suffix to catalog number for Natural Metal flange and finish.

Features

- Mounting Frame:** .036" (#20ga.) Galvanized Steel. Accommodates all ceilings up to 1-1/2" thick; including existing or inaccessible areas.
- Trim Clips:** "Push In / Twist Out" Stainless Steel clips hold reflector flush to ceiling.
- Junction Box:** 2" x 4" x 3-1/2" (22cu.in.) .032" (#22ga.) galvanized steel. UL Listed for maximum of 8 (#12ga.) through branch circuit conductors.
- Uniframe™ Mounting System - Grid Ceiling:** Tool free mounting in grid ceilings. .036" (20ga.) Galvanized Steel interlocking slide bars adjust to 24-1/8" long accommodating 24" O.C. Ceiling Grid. Adjustable speed clamps for positive attachment to grid ceiling systems.
- Uniframe™ Mounting System - Wood Joist Ceiling:** Integral nailing tabs, alignment guides, fastener holes and bendable strapping guides for wood joist installation. Galvanized Steel interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C. joist spacing, with or without strapping. Suitable for Steel Ceiling construction using standard 1/2" EMT. (See Instruction Sheet).
- Ballast:** 120V - 277V UL Listed Electronic Ballast, end of lamp life protection, class "P" thermally protected, class "A" sound rating. Minimum starting temperature is 0°F.
- Socket:** Four-pin base, molded thermoplastic socket, prewired with No. 18 AWM leads to ballast.
- Socket Housing:** .036" (#20ga.) Galvanized Steel housing attaches to reflector trim by spring clip for precise optic alignment.

Labels

cULus Listed. Suitable for Damp Locations.

Accessories

1967A Extra Thick Ceiling Adapter (2" thk)

Job Information	Type:	D
Job Name: LA Dept of Agriculture & Forestry		
Cat. No.: 1101F2642U / 1101CL		
Lamp(s):		
Notes:		

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2006 Philips Group • E0408

Type No. E

Catalog No. 313150PMAL-8

Job Name LA Dept of Agriculture & Forrestry

300 Wallcube Series

General Purpose Medium Wallpack

APPLICATIONS

- Security, Accent, Perimeter, Entrance Ways, Garage Doors, Indoor Parking Garages, Tunnels, Overpasses, Alleys.

CONSTRUCTION

- Precision die-cast aluminum housing and back plate.
- Corrosion resistant Duraplex II Bronze polyester powder coated finish.
- Optional designer finishes available. See inside back cover of ExcelLine catalog.

ELECTRICAL

- Porcelain spring-loaded 4KV pulse rated socket-mogul/medium base.
- Mogul or medium base lamp supplied as noted.
- Starting temperature: LX(HPS)-40° F/-40° C, MA(MH)-20° F/-30° C.
- **Pulse Start compatible.** See chart in the Energy Saving Products section.

OPTICS

- Heat and shock resistant, borosilicate glass refractor.
- One-piece "wrap-around" shape for maximum light utilization.
- Anodized aluminum reflector.

MOUNTING

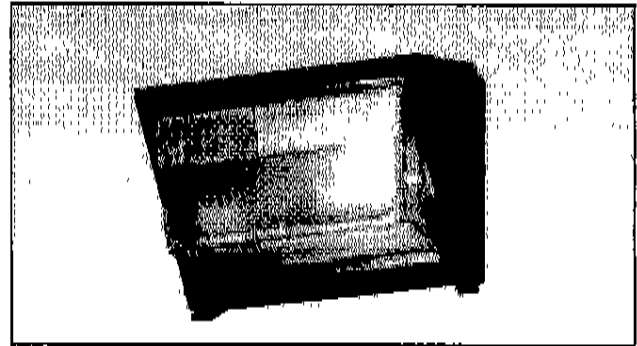
- One tapped hole on each side and top (1/2" NPS standard) for conduit or optional photocontrol.

WARRANTY/LISTINGS

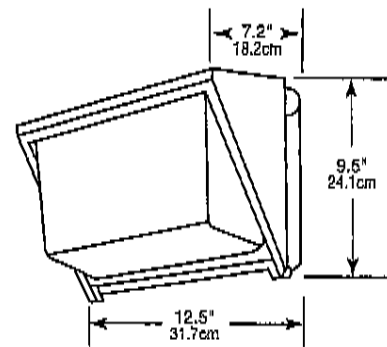
- UL 1598 listed for wet locations.
- Published five year limited warranty.

OPTIONS & ACCESSORIES — SEE END OF THIS SECTION.

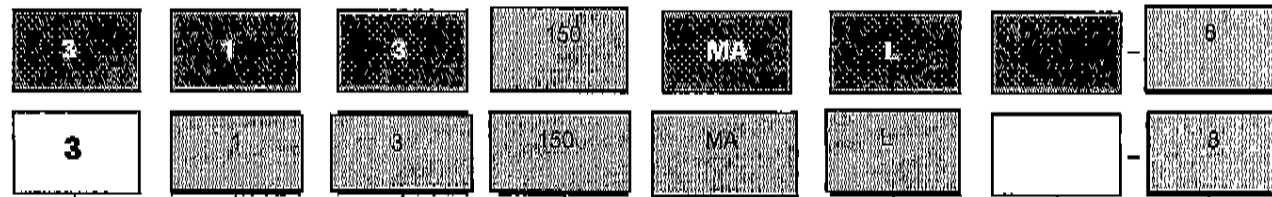
PHOTOMETRICS — SEE REVERSE SIDE.



70 to 175 Watt (MA) Metal Halide
70 to 150 Watt (LX) High Pressure Sodium
18 Watt (SX) Low Pressure Sodium
300 Watt (IN) Incandescent



ORDERING GUIDE EXAMPLE: 313100MAL-6



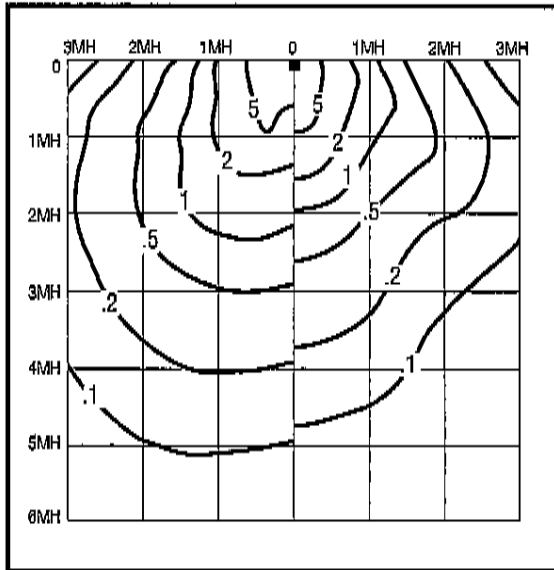
Prefix	Lamp Base	Distribution	Wattage	Source	Lamp	Options	Voltage
3	1=Medium	3	70= 70(ED17) ¹ 100=100(ED17) ¹ 150=150(ED17) ^{1,2} 175=175(ED17) ²	MA	L	See options/acc's end of this section.	1=120 5=480 6=120/277 8=120-277
	3=Mogul		175=175(E/BT28) ²	MA			
	1=Medium		70= 70(E17) 100=100(E17) 150=150(E17)	NLX ³		NOTE: WILL BE A PULSE START	
	2=Mogul		70= 70(E23.5) 100=100(E23.5) 150=150(E23.5)	LX ⁴			
	4=Prefocus		18= 18(T17)	SX ⁵			
	1=Medium		300=300(AVS)	IN			

Product information is subject to change without notice.

¹Voltage is 6(120/277)HX/HPF ballast. ²Voltage is 6(120-277)CWA/HPF ballast.
³Normal Power Factor. Voltage is 1(120). ⁴Voltage is 6(120-277)HX/HPF ballast.
⁵Specify Voltage - High Power Factor ballast. *DMA (Dedicated MA) units utilize M102 lamp and ballast.



300 Wallcube Series



323150LX
 LU150/55/MED
 16,000 Lumens
 15' Mount. Hgt.

333175MA
 MH175/U/MED
 14,000 Lumens
 15' Mount. Hgt.

Footcandle Correction

Different Lamps/Watts

Multiply the following factors times the foot-candle values for changes in lamps/watts:

To Change From 150 Watt HPS

New Lamp	100	70
Factor	.59	.36

To Change From 175 Watt MH

New Lamp	150	100	70
Factor	.86	.51	.39

DIFFERENT MOUNTING HEIGHT

Multiply the following factors times the foot-candle values for changes in mounting height:

To Change From 15'

New Height	10'	12'	15'	18'	20'
Factor	2.3	1.6	1.0	.69	.36



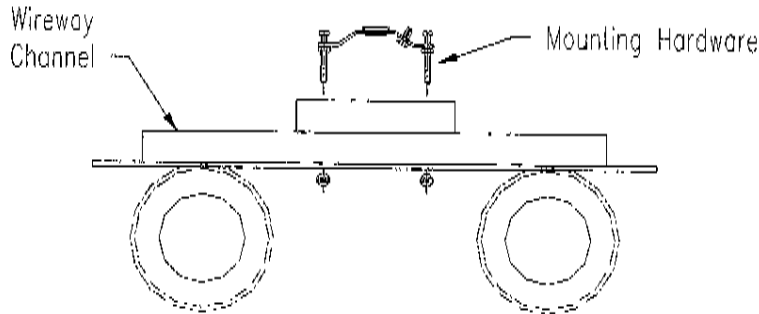
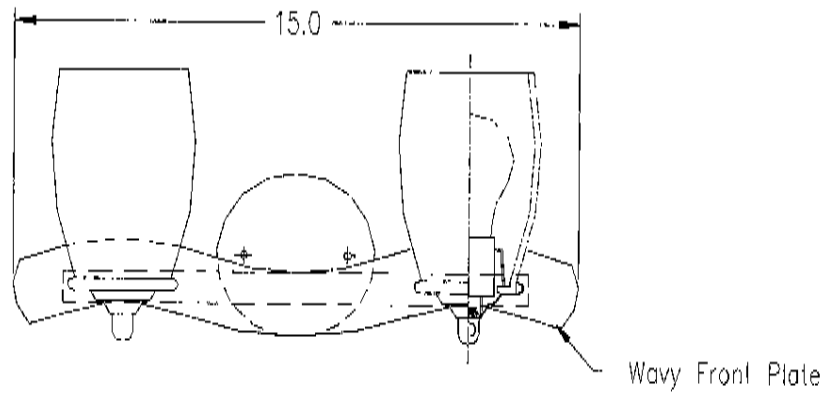
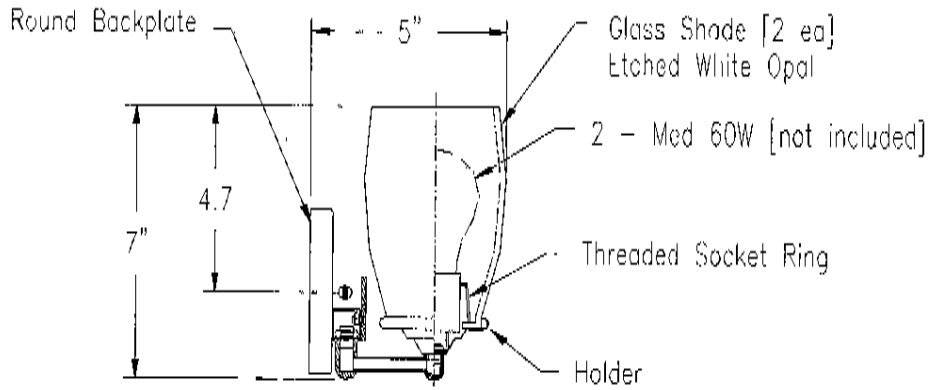
FORECAST

LIGHTOLIER

Specification Sheet

Bath Fixture

Model: **F4415-36 Satin Nickel**



Glass: Etched White Opal
 Finish: Satin Nickel
 Width: 15" Height: 7" Extension: 5"
 Lamps: 2 - 60W Medium Base (Not Included)
 Labels: cULus Listed. Suitable for Damp Location.

TYPE: F
 JOB: LA Dept of Agriculture & Forestry
 ITEM #: F4415-36

Type No. G

Catalog No. PR3DW242HFLEX8GOX

Job. Name LA Dept of Agriculture & Forestry

ProTector™ Series

13" Deep Round Wall-Mounted Vandal-Resistant Lighting Fixture

APPLICATIONS

- The ProTector Series is ideal for high-traffic areas requiring architectural wall-mounted vandal-resistant luminaires.

CONSTRUCTION

- Precision die-cast 360 alloy marine-grade aluminum back plate with cast-in mounting knock-outs.
- Finished in Duraplex II polyester powder coat.
- One-piece injection-molded and UV-stabilized polycarbonate face with snap-in, interlocking lens provision.
- Color molded into the polycarbonate face for durable, scratch-resistant finish.
- Locking recessed set screw at the 1:00 o'clock position is unobtrusive, securely locking the face and lens to the cast housing.

ELECTRICAL

- Die-cut neoprene rubber gasket provides added protection against elements between back casting and mounting surface.
- Silicone rubber gasket seals optics/face styles to outer rim of back casting. Also acts as a shock absorber providing additional support against breakage.
- HID units equipped with magnetic ballasts.
- Compact fluorescent units equipped with an electronic HPF ballast with 120-277 voltage sensing capability.

OPTICS

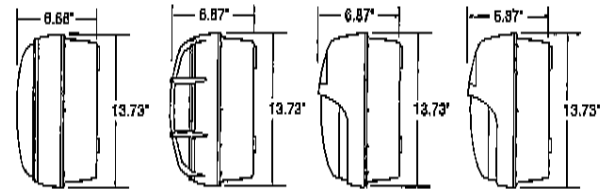
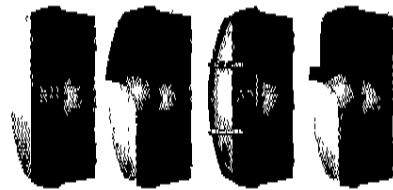
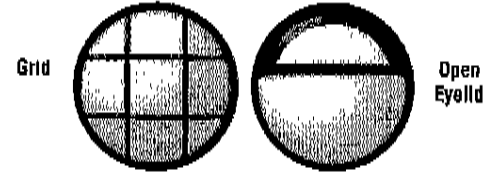
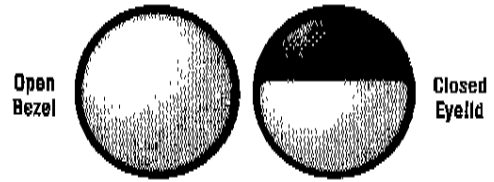
- Lens is a one-piece, injection-molded, UV-stabilized polycarbonate.
- Internal prisms re-direct the light minimizing hot spots and maximizing uniformity.
- Available in either clear prismatic or opal prismatic polycarbonate.
- Twist and seal construction locks the lens and face onto the back casting.
- Extruded silicone gasket provides a tight weather-resistant seal. The patent-pending Supplemental Impact System (SIS) provides a cushion that supports/seals the lens against the elements and also acts as a shock absorber to help reduce damage from impact to the unit face.
- HID units equipped with a precision die-form segmented reflector.
- Compact fluorescent units equipped with a high-reflectance white pan reflector system.

MOUNTING

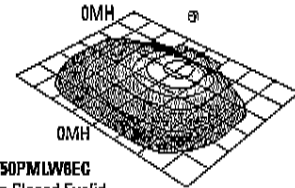
- Wall-mounted units equipped with additional kick plates to direct the light down and out into a Type III pattern with a minimum 4:1 spacing ratio.

WARRANTY/LISTINGS

- "LifeLyte" limited lifetime warranty.
- UL listed for wet locations.



Mounting Height = 8 ft.
Gridscale = 8 ft. per increment



PR3DW50PMLWBEC
13" Deep Closed Eyelid
50w metal halide

Horizontal Footcandles
Lumen/Lamp = 3,400
Light Loss Factor = 1.00

Ordering Guide Example: PR3DW50LXFB1ICBCXX

P	R	3	D	W	242	HF	LE		1	G	O		CXX
P	R	3	D	W	242	HF	LE		1	G	O		
Series	Shape	Size	Depth	Mount	Wattage	Source	Options	Base Color	Voltage	Face Style	Lens	Face Color	Insert

P= ProTector	R= Round	3= 13"	D=Deep	W=Wall	60=50 70=70 ¹ 126=1x26 132=1x32 142=1x42 218=2x18 226=2x26 232=2x32 242=2x42	LX=HPS PM=PS MH NX=HPS(NPF)² HF=Compact Fluorescent (HPF)	L=Lamp E=Emergency (1) 26w (1) 32w (1 or 2) 18w U=UV Shield³ Q=Quartz Aux F=Fusing T=Thru Wiring² P=Photo Control²	B=Black W=White P=Bronze	1=120 1=120-277	B=Open Bezel G=Grid E=Closed Eyelid I=Open Eyelid w/ Insert	O=Opal C=Clear A=Acrylic^{2,4}	B=Black W=White P=Bronze	See reverse for details
------------------------	--------------------	------------------	---------------	---------------	--	---	---	---	----------------------------------	--	---	---	-------------------------

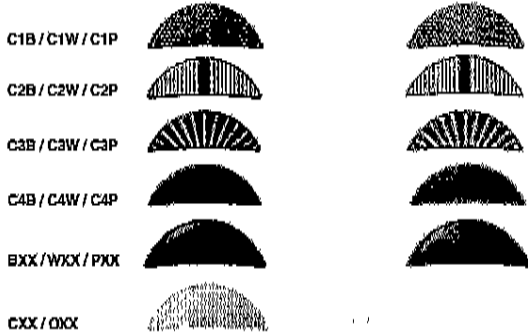
¹ 70 watt models are not available with a PM lamp source.
² Unavailable with trim rings.
³ Available in reduced wattages (50w max. MH/HPS). Consult factory.
⁴ Not recommended for use in high-abuse areas.
⁵ For MH lamps only.
⁶ 120V only.
Custom colors available. Consult factory.

Product information is subject to change without notice



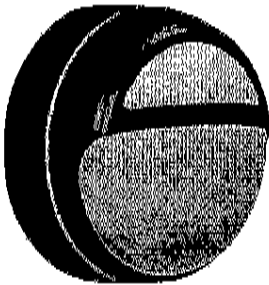
ProTector™ Series

13" Deep Round Wall-Mounted Vandal-Resistant Lighting Fixture



Open Eyelid Insert Styles

- CXX = Clear Prismatic
- OXX = Opal Prismatic
- BXX = Solid Black
- WXX = Solid White
- PXX = Solid Bronze
- C1B / C1W / C1P = Random Dot Pattern (Black/White/Bronze) with Clear Lens
- C2B / C2W / C2P = Vertical Bar Pattern (Black/White/Bronze) with Clear Lens
- C3B / C3W / C3P = Radius Bar Pattern (Black/White/Bronze) with Clear Lens
- C4B / C4W / C4P = Halo (Black/White/Bronze) with Clear Lens
- O1B / O1W / O1P = Random Dot Pattern (Black/White/Bronze) with Opal Lens
- O2B / O2W / O2P = Vertical Bar Pattern (Black/White/Bronze) with Opal Lens
- O3B / O3W / O3P = Radius Bar Pattern (Black/White/Bronze) with Opal Lens
- O4B / O4W / O4P = Halo (Black/White/Bronze) with Opal Lens



Field-Installed Accessories:

Trim Ring

Installs to die-cast back housing and creates a flush, smooth transitional look. Includes a closed-cell neoprene rubber gasket that fits between the housing and inside lip of the trim ring. Provides a weather-tight seal and acts as an additional shock absorber as part of the SIS Supplemental Impact System. Minimizes back pry point.

	Black	White	Bronze
VR3DB	13" Deep	VR3DW 13" Deep	VR3DP 13" Deep
VR6SB	16" Shallow	VR6SW 16" Shallow	VR6SP 16" Shallow
VR6DB	16" Deep	VR6DW 16" Deep	VR6DP 16" Deep

VRTOOL Vandal-resistant access tool for both round and linear series

Factory-Installed Options: ←

Round Series

- L = Supplied with appropriate lamp
- U = Provided with UV reduced lamp (pulse-start MH)
- E = Emergency battery backup for one compact fluorescent lamp
- Q = Quartz auxiliary standby. Provides light after a momentary power interruption knocks out the main HID lamp. Not for use with compact fluorescent systems
- F = Single- or double-fused (voltage required)
- T = Die-cast housing is factory drilled for through-wiring conduit access. Cannot be used with Trim Ring accessory and not available in 13" shallow models



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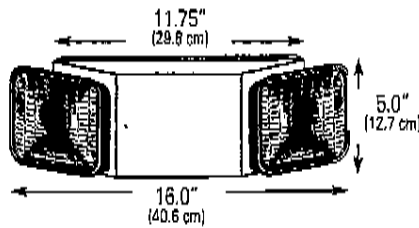
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E6 Series Emergency Lighting **E6**

Page 1 of 1

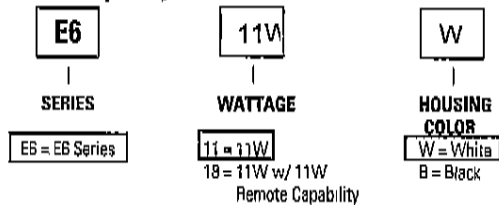
6 Volt, 11 or 18 Watt Units with Optional 11 Watt Remote Capability

The E6 Series is a decorative and economical emergency lighting unit designed for easy installation. The E618 Fixture offers 11 watt remote capability.



Complete Fixture consists of base unit with lamps.

How to Specify:



Features

1. **Illumination:** Illumination is accomplished with two adjustable lamps heads with 6 VDC, 5.4W lamps.
2. **Housing:** Constructed of impact resistant, UL 94 V-0, 5 VA white or black thermoplastic. Product is completely self-contained.
3. **Electronics:** 120/277 VAC dual voltage input with surge-protected, solid-state circuitry. Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.
4. **Battery:** Maintenance free, sealed lead calcium battery has an estimated service life of 5 years, and an operating temperature range of 65°F (19°C) to 85°F (30°C).
5. **Input Power Requirements:** .045A (120 VAC), .020A (277 VAC)
6. **Warranty: Electronics:** 3 years; **Battery:** 1 year full, 4 years pro-rata

Code Compliance

UL 924 listed for damp locations.
National Electrical Code (NEC), NFPA70 and NFPA101 life safety codes; and OSHA safety code illumination standards.

Options

SD = Self-Diagnostics (available with white finish only)

Job Information	Type: EM
Job Name: LA Dept of Agriculture & Forestry	
Cat. No.: E611W	
Lamp(s):	
Notes:	

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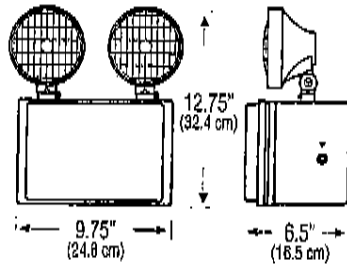
LIGHTOLIER®

WE4X Series Wet Location Unit **WE4X**

Page 1 of 1

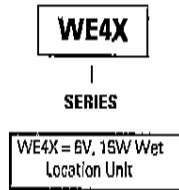
6 Volt, 15 Watt Unit Suitable for Wet Locations and Corrosive Environments

The WE4X series is a wet location, corrosive environment resistant emergency unit.



Complete Fixture consists of base unit with lamps.

How to Specify:



Features

- 1. Illumination:** Illumination is accomplished with two adjustable lamp heads with 6 VDC, 7.2W Par 36 style lamps.
- 2. Housing:** Constructed of fiberglass, corrosion-resistant, grey housing.
- 3. Electronics:** 120/277 VAC dual voltage input with solid-state circuitry. Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC Indicator lamp and test switch.
- 4. Battery:** Maintenance free, sealed lead calcium battery has an estimated service life of 5 years, and an operating temperature range of 65°F (19°C) to 65°F (30°C).
- 5. Warranty:** Electronics: 3 years; Battery: 1 year full, 4 years pro-rata

Code Compliance

UL 924 listed for wet locations.
 National Electrical Code (NEC), NFPA70 and NFPA101 life safety codes; and
 OSHA safety code illumination standards.

Job Information	Type: EMI
Job Name:	LA Dept of Agriculture & Forestry
Cat. No.:	WE4X
Lamp(s):	
Notes:	

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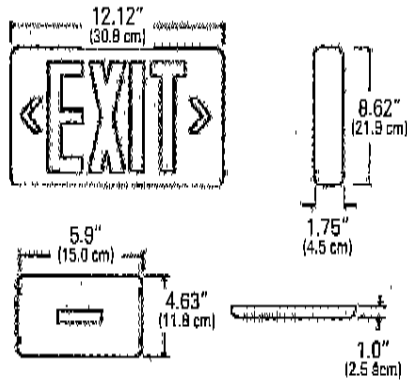
LIGHTOLIER®

LL Series LED Exit Sign **LL**

Page 1 of 1

AC Only or Emergency Operation Thermoplastic Housing

The LL Series Thermoplastic LED Exit is a compact exit sign that blends with modern interiors with its softly rounded corners and universal mounting configuration. The LL Series is extremely easy to install, and provides years of low cost, efficient service.



Complete Fixture consists of base exit sign.

How to Specify:

LL	N	U	R	W	
SERIES	BATTERY	FACES	LETTER COLOR	STENCIL FACE/ HOUSING COLOR	OPTIONS
LL = LL Series LED Exit	A = AC Only N = Nickel Cadmium	U = Universal	R = Red G = Green	W = White B = Black	SD = Self-Diagnostics (White finish only)

Features

- Illumination:** Illumination of the exit stencil face is accomplished with long lasting, high output Light Emitting Diodes (LEDs). Hot spots and striations are eliminated by the internal "light chamber" especially designed around the high performance LED array. LEDs and support electronics have an expected service life of 25 years.
- Housing:** Constructed of impact resistant, UL 94 V-0, 5 VA white or black thermoplastic. NFPA-type field selectable chevrons can be installed/removed from outside the exit housing. Housing design simplifies installation, and does not require hard wire terminations inside of the exit housing. Product can also be ceiling mounted to a standard junction box by using the mounting canopy supplied.
- Electronics:** 120/277 VAC dual voltage input with surge-protected, solid-state circuitry. Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.
- Battery:** Maintenance free, sealed nickel cadmium battery has an operating temperature range of 50°F (10°C) to 104°F (40°C).
- Input Power Requirements:**

AC Only

Red: 0.017A (120 VAC)
0.008A (277 VAC)

Green: 0.018A (120 VAC)
0.008A (277 VAC)

Emergency Operation

Red: 0.028A (120 VAC)
0.012A (277 VAC)

Green: 0.028A (120 VAC)
0.012A (277 VAC)

Code Compliance

UL 924 listed for damp locations
Energy Star compliant

Warranty

Five year full electronics warranty
Five year full plus five year pro-rated nickel cadmium battery warranty

Options

SD = Self-Diagnostics

Job Information	Type: X
Job Name: LA Dept of Agriculture & Forestry	
Cat. No.: LLNURW	
Lamp(s):	
Notes:	

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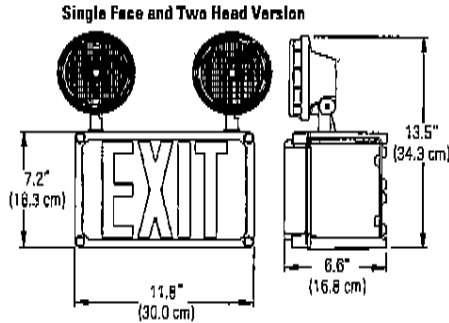
LIGHTOLIER®

WX Series LED Exit Sign **WX**

Page 1 of 1

AC Only, Emergency Operation, or Combo NEMA-Rated Exit

The WX Series Exit provides excellent emergency signage and lighting, and is additionally UL listed for wet location areas.



Complete Fixture consists of base exit sign. Select options and accessories below.

How to Specify:

WX	SP	1	R	
SERIES	POWER EQUIPMENT	# OF FACES	STENCIL FACE/ LETTER COLOR	VOLTAGE INPUT AC ONLY
WX = NEMA-Rated, Wet Location Exit	AC = AC Only SP = Emergency Operation, Nickel Cadmium 2H = Two Head Combination, Lead Calcium	1 = Single	R = Red LEDs G = Green LEDs	1 = 120 VAC 2 = 277 VAC Blank = 120/277 VAC

Features

- Illumination:** Illumination of the WX Series Exit is accomplished with LEDs. The WX Exit uses direct view LEDs to provide illumination in excess of UL 924 requirements and enhance visibility which improves the safety benefits in industrial environments. The two head combo exit features fully adjustable 6 volt, 6 watt Par 36 halogen sealed beam lamp heads that are enclosed in watertight polycarbonate housings.
- Housing:** Watertight enclosure is constructed of fiberglass reinforced polyester with a polycarbonate lens cover that provides excellent resistance to impact. The housing is rated for NEMA 3, 3r, 4, 4x, 6 and 12 environments.
- Electronics:** 120/277 VAC dual voltage input with surge-protected, solid-state circuitry. Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.
- Battery:** Choice of maintenance free, sealed nickel cadmium battery with 10-year life and operating temperature range of 20°F (-7°C) to 95°F (35°C), or maintenance free, sealed lead calcium battery with 5-year life and operating temperature range of 65°F (19°C) to 85°F (30°C) - two head combo only.
- Input Power Requirements:**
 - Exit Only**
 - .08A (120 VAC)
 - .04A (277 VAC)
 - Exit Combo**
 - .161A (120 VAC)
 - .07A (277 VAC)
- Warranty:** Electronics: 3 years; Nickel Cadmium Battery: 5 year full, 5 years pro-rata; Lead Calcium Battery: 1 year full, 4 years pro-rata

Code Compliance

UL 924 listed for wet locations.
NSF/ANSI Standard 2 Food Equipment.
NEMA-Rated for use in 3, 3r, 4, 4x, 6 or 12 areas.

Options

- ST** = Special Input Transformer (Specify voltage & frequency)
- FA** = 24 VDC Fire Alarm Interface (reg. constant DC voltage)
- FL** = Flasher (Emergency operation only)
- 2CKT1** = 120 VAC Two Circuit
- 2CKT2** = 277 VAC Two Circuit
- TP** = Tamperproof Screws (Requires NTPTOOL)

Multiple option configurations may void UL listing. Consult factory for specifics.

Accessories

- EMF** = External Mounting Feet
- NTPTOOL** = Tamperproof Screwdriver
- WG8** = Top & Back Mount Wire Guard
- WG10** = Side Mount Wire Guard

Job Information	Type: X1
Job Name: LA Dept of Agriculture & Forrestry	
Cat. No.: WXSP1R	
Lamp(s):	
Notes:	

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