

Warsaw 2

INDUSTRIAL HEAVY/VANDAL RESISTANT Wall Mount Outdoor LED Wall Pack

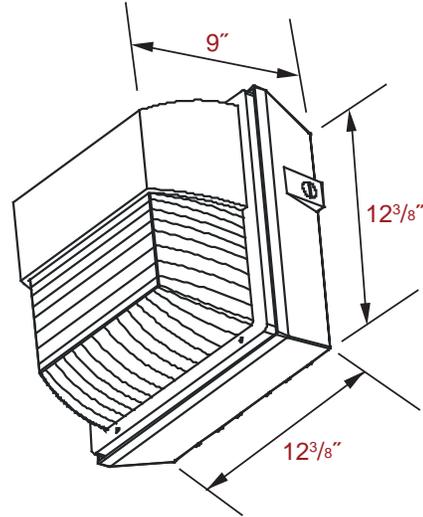


We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- DRIVER — Universal Voltage 120/277v Electronic Driver is standard for LED.
- EMERGENCY — LED — Integral Emergency Battery.
- FINISH — Powdercoat finish over a chromate converted coating.
- GASKETING — Silicone Rubber.
- HOUSING — Die Cast Aluminum and front frame with hood, 0.5" plugs with O-rings for conduit and/or photocell.
- LIGHT ENGINE— Energy Efficient Light Emitting Diode.
- LENS — Clear Prismatic Polycarbonate lens is standard.
- MOUNTING — Mounts directly over a 4" recessed outlet box or a 0.5" surface conduit.
- REFLECTOR — Aluminum.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. Suitable for wet locations - IP65 Rated. Complies with Buy American Act.



ORDERING GUIDE:	Series	Lamp/Wattage	Color Temp	Voltage	Finish	Options

SERIES

WA2 = Warsaw 2 Series

LED WATTAGE¹

LED45 = 45 Watt LED

LED COLOR TEMPERATURE¹

4K = ±4000K range

5K = ±5000K range

VOLTAGE

EBU = Universal Volt (120-277v)

FINISH

BK = Black

BZ = Bronze — STANDARD

PNA = Painted Natural Aluminum

SGR = Silver Gray

WH = White

OPTIONS

9328 = Universal Integral Photocell 120/277V

FUS = Single Fusing

DFUS = Double Fusing

LED OPTIONS

BL1 = Bi-Level Light (High/Low)

— Single AC Input Feed, with Switch Sensor (Required)

BL2 = Bi-Level Light (High/Low)

— Wired for Dual AC Input Feeds

D7 = 0-10V low-voltage dimming

— (100-30% Standard, Consult Factory for Other)

MS11 = Motion Sensor Integral 1 (*Microwave/Single Circuit*)

— Steps: 0% - 100% - 0%

MS12 = Motion Sensor Integral 2 (*Microwave/Single Circuit*)

— Steps: xx% - 100% - xx%

— xx% = LOW Level and/or STANDBY Dim Levels:

Options: 50% / 30% / 20% / 10%

SG = 10KA Surge Protection for LED fixtures

(meets ANSI spec C62.41.2)

EMERGENCY BATTERY OPTIONS^{3,5}

No onsite Emergency Power (AC or DC) is provided

Specify Fixture Voltage: 120V or 277V Power Feed

A=120V or B=277V

Meets California Energy Commission Title 20:

(CEC-400-2014-009-CMF) Efficiency Standards

REL4W = Remote LED 4 Watt

REL8W = Remote LED 8 Watt

REL16W = Remote LED 16 Watt

NOTES:

¹ Consult Factory with requests regarding LED Wattages, Lumen Packages, or Color Temps (CCT) not shown.

² Consult Factory for additional Emergency Battery options.

³ Max WHIP length with the REL provided by the factory is 8 feet.

⁵ Due to form and fit, final selection of the Battery Pack under discretion of Factory

PHOTOMETRIC DATA

Test # Q2015031401A

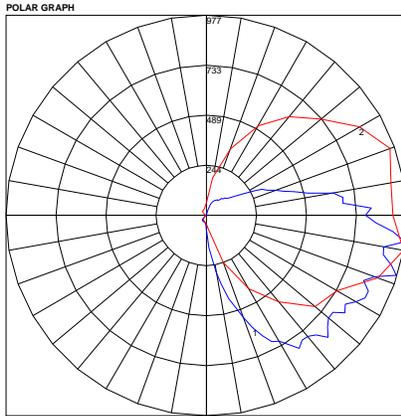
CATALOGUE #: WA2-LED45-4K-EBU

Test Date: 3/14/2015 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

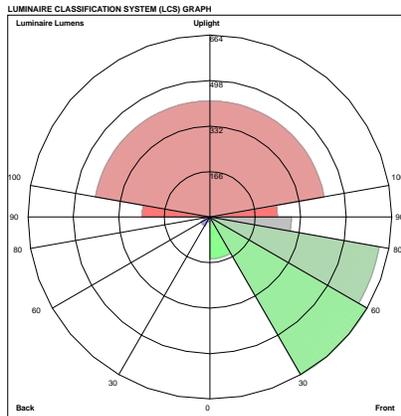
Summary of Results	
Total Lumen Output	2495 Lumens
Efficacy (Lm/W)	48 Lm/W
Power	52.3W
Ballast Factor	1.00
Color Temperature	4000K
BUG Rating	B0-U3-G3

Zonal Lumen Summary (FRONTAL)			
Area	Zone	Lumens	%Luminaire
Front-Low	0-30	151.8	6.1
Front-Medium	30-60	664.2	26.6
Front-High	60-80	628.4	25.2
Front-Very High	80-90	297.9	11.9

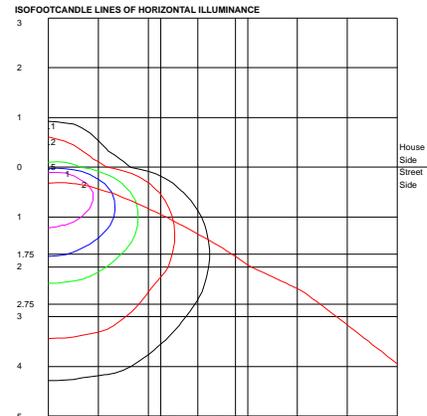
Zonal Lumen Summary (BACK / UPLIGHT)			
Area	Zone	Lumens	%Luminaire
Back-Low	0-30	17.2	0.7
Back-Medium	30-60	35.4	1.4
Back-High	60-80	19.8	0.8
Back-Very High	80-90	10.9	0.4
Uplight-Low	90-100	246.2	9.9
Uplight-High	100-180	423.5	17.0



Maximum Candela = 977.312 Located At Horizontal Angle = 350, Vertical Angle = 82.5
 # 1 - Vertical Plane Through Horizontal Angles (350 - 170) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (82.5) (Through Max. Cd.)



Luminaire Lumens:
 Front: Low=151.8, Medium=664.2, High=628.4, Very High=297.9
 Back: Low=17.2, Medium=35.4, High=19.8, Very High=10.9
 Uplight: Low=246.2, High=423.5
 BUG Rating: B0-U3-G3



Distance in Units Of Mounting Height
 Values Based On: 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

PHOTOMETRIC DATA

Test # Q2015031401B

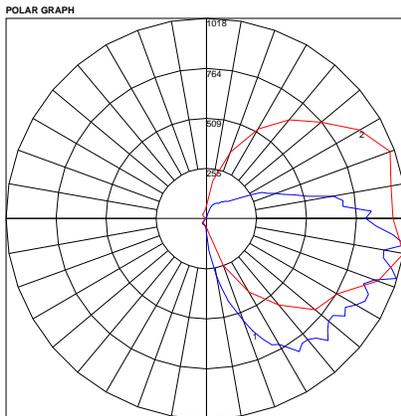
CATALOGUE #: WA2-LED45-5K-EBU

Test Date: 3/14/2015 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

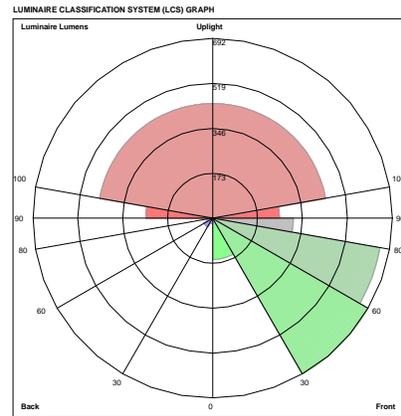
Summary of Results	
Total Lumen Output	2599 Lumens
Efficacy (Lm/W)	50 Lm/W
Power	52.3W
Ballast Factor	1.00
Color Temperature	5000K
BUG Rating	B0-U3-G3

Zonal Lumen Summary (FRONTAL)			
Area	Zone	Lumens	%Luminaire
Front-Low	0-30	151.8	6.1
Front-Medium	30-60	691.8	26.6
Front-High	60-80	654.5	25.2
Front-Very High	80-90	310.3	11.9

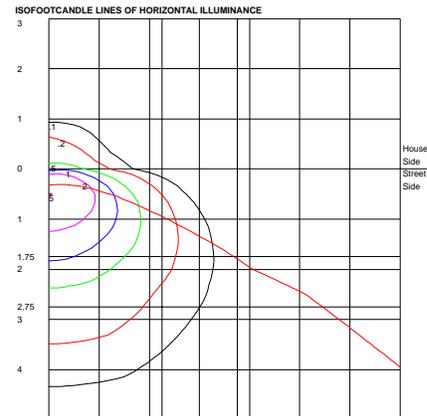
Zonal Lumen Summary (BACK / UPLIGHT)			
Area	Zone	Lumens	%Luminaire
Back-Low	0-30	17.9	0.7
Back-Medium	30-60	36.9	1.4
Back-High	60-80	20.7	0.8
Back-Very High	80-90	11.4	0.4
Uplight-Low	90-100	256.4	9.9
Uplight-High	100-180	441.2	17.0



Maximum Candela = 1018.034 Located At Horizontal Angle = 350, Vertical Angle = 82.5
 # 1 - Vertical Plane Through Horizontal Angles (350 - 170) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (82.5) (Through Max. Cd.)



Luminaire Lumens:
 Front: Low=151.8, Medium=691.8, High=654.5, Very High=310.3
 Back: Low=17.9, Medium=36.9, High=20.7, Very High=11.4
 Uplight: Low=256.4, High=441.2
 BUG Rating: B0-U3-G3



Distance in Units Of Mounting Height
 Values Based On: 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point