

Warsaw

EURO/HIGH ABUSE SERIES

Wall Mount Outdoor;
LED



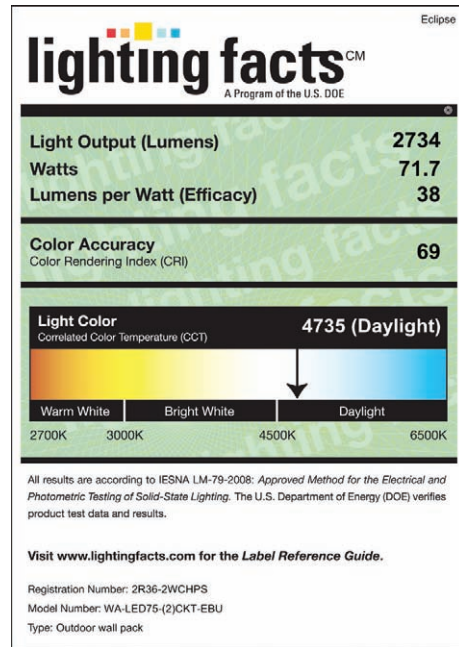
We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

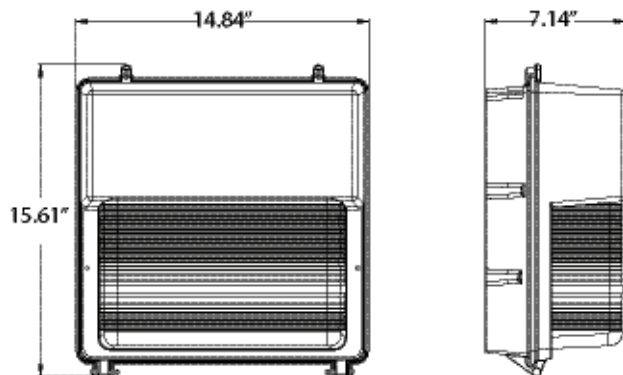
LED technology is advancing. Consult Factory or website for periodic updates as additional wattages with higher efficacy may be available.

SPECIFICATIONS

- **CERTIFICATIONS** — UL/ULC Listed to U.S. and Canadian safety standards. Complies to UL 1598 / CSA c22.2 No. 250-0-00. Wet Location Listed. Built to IP65 Standards.
- **DRIVER** — Universal 120 thru 277 input voltage. Delivers regulated Direct Current (DC) output to power LED Arrays.
- **ELECTRICAL** — Line Side, Three Pole Power Disconnects provided with Luminaire for simplified branch wiring. POWER FACTOR: LM79 certified (99.4%).
- **GASKETING** — High temperature, NON-aging solid core silicone gasket seals Door Frame to housing to protect against environmental contaminants.
- **HOUSING & DOOR FRAME** — Die Cast Aluminum Housing and Hinged Front Frame, 1/2" Trade Size Coin Plugs with O-rings provided for Conduit and Optional Photocell. Solid Core Silicone Rubber Gasketing seals Door Frame to Housing for Wet Environments.
- **LAMP** — Super Bright White LED.
- **LENS** — Molded High Heat/Impact Resistant Prismatic Borosilicate Glass Lens
- **REFLECTOR** — 1/8" (0.125") thick Aluminum Reflector, Finished Sky White.



LM80 tested chips from Nichia, Lumileds, Cree, Osram and Bridgelux are used in all Eclipse Lighting LED fixtures.



ORDERING GUIDE:	SERIES	OPERATING WATTS	COLOR TEMP	VOLTAGE/PWR FACTOR	FINISH
	WA	71.7	4735K	EBU	

- BK = Black Finish
- BZ = Bronze Finish
- WH = White Finish

PHOTOMETRIC DATA:

Warsaw Series

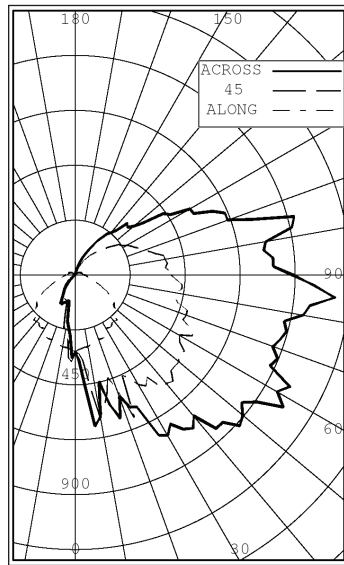
LED Fixtures Tested Using the IES LM79 Standards – IN-SITU

ITL test # 26546 WA-LED80-(2)CKT-EBU
with white interior
and prismatic glass wrap lens

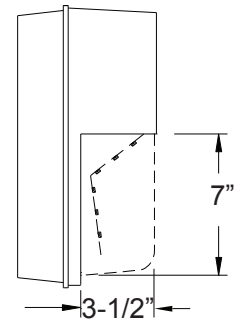
Test Date: 01/20/2010

		Coefficients of Utilization							
		90%			70%			50%	
Room Cavity Ratio	PCC>	70%	50%	30%	70%	50%	30%	50%	30%
	0	118	118	118	105	105	105	94	94
	1	104	97	90	91	86	81	75	71
	2	93	82	73	82	73	65	64	58
	3	84	71	61	73	63	54	55	48
	4	76	62	52	67	55	47	48	41
	5	70	54	44	61	48	40	43	35
	6	64	48	38	56	43	34	38	31
	7	58	43	33	51	38	30	34	27
	8	54	39	29	47	34	26	30	24
9	50	35	26	44	31	23	28	21	
10	46	32	23	41	28	21	25	19	

Rm. Percentage = 20%; PCC = Ceiling Reflectance;
PW = Wall Reflectance



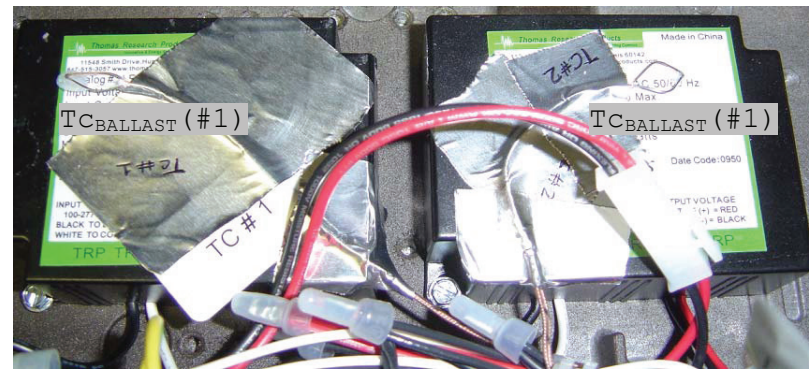
POWER FACTOR	99.4%
LUMENS (Light Output)	2734
WATTS (At Test)	71.7
EFFICACY (Lumens per Watt)	38.1
CRI (Color Rendering Index)	69.0
CCT (Correlated Color Temp.)	4735K



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	281	10.29
0-40	489	17.89
0-60	1014	37.10
0-90	1868	68.32
40-90	1379	50.43
60-90	854	31.22
90-180	866	31.68
0-180	2734	100.00

ECLIPSE LIGHTING - LED WALLPACK LUMINAIRE, CAT# WA-LED80/405K-EBU-BZ
WITH WHITE INTERIOR AND PRISMATIC GLASS WRAP LENS
TWENTY FOUR LEDS. LUMINAIRE OUTPUT = 2734 LMS
LUMINAIRE OPERATING AT 120 VAC

THERMOCOUPLE #1 = 134.0°F (56.7°C) THERMOCOUPLE #2 = 102.0°F (38.9°C)



THERMOCOUPLE #3 = 143.4°F (61.9°C) THERMOCOUPLE #5 = 150.3°F (65.7°C)
THERMOCOUPLE #4 = 145.8°F (63.2°C) THERMOCOUPLE #6 = 151.7°F (66.5°C)

