

MALTA LED

ARCHITECTURAL FULL CUT-OFF SERIES

Vandal Resistant LED — Low Height Wall



SPECIFICATIONS

- **LAMP** — Super Bright White LED.
- **LENS** — Clear Tempered Glass Standard. Direct Downlight (A).
- **LENS FASTENERS** — (2) Stainless steel screws to secure lens in place
- **HOUSING** — Die cast aluminum with concealed mounting plate. Finished in Bronze oven baked Polyester Powder Coat.
- **GASKETING** — High Temperature Solid Core Silicone Rubber Gasketing concealed in housing pocket and enclosed by cast-in drip shield and rear wire entrance hole to protect against outside contaminants.
- **BACKPLATE** — Die cast aluminum.
- **DRIVER** — Universal 120 thru 277 input voltage. Delivers Constant Voltage (DC) output to power LED Arrays.
- **POWER FACTOR** — 98.8% from LM79 verified testing.
- **UL/ULC** Listed to U.S. and Canadian Safety Standards.

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.

Eclipse

lighting facts^{CM}

A Program of the U.S. DOE

Light Output (Lumens)	1957
Watts	37
Lumens per Watt (Efficacy)	52

Color Accuracy <small>Color Rendering Index (CRI)</small>	71
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Light Color
Correlated Color Temperature (CCT)

5618 (Daylight)

Warm White
Bright White
Daylight

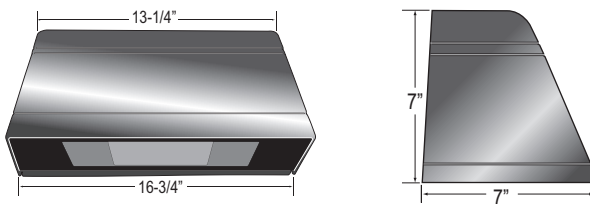
2700K
3000K
4500K
6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: 2R36-AGLSEJ
Model Number: MA-LED30H-EBU-BZ
Type: Outdoor wall-mounted area fixtures ("wall packs")

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



ORDERING GUIDE:	<small>SERIES</small> MA	<small>STYLE</small> A	<small>OPERATING WATTS</small> 37	<small>COLOR TEMP</small> 5618K	<small>VOLTAGE</small> EBU	<small>FINISH</small> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
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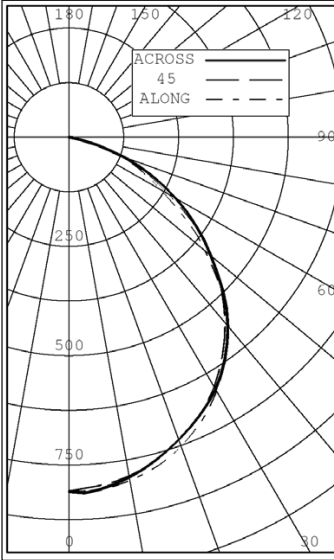
- BK** = Black
- BZ** = Bronze Standard
- PNA** = Painted Natural Aluminum
- WH** = White

PHOTOMETRIC DATA:

Malta Series
Tested Using the IES LM79 Standards

ITL test # 26525 MA-LED30H-EBU-BZ
with white interior and flat glass lens
using light engine LEDB0091

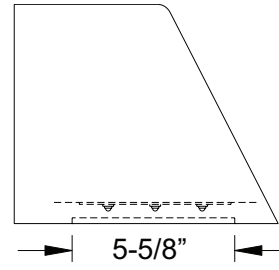
Test Date: 12/29/2009



POWER FACTOR	98.8%
LUMENS (Light Output)	1957
WATTS	37 (at test)
EFFICACY (Lumens per Watt)	52.9
CRI (Color Rendering Index)	71
CCT (Correlated Color Temp.)	5618K

		Coefficients of Utilization								
		90%			70%			50%		
Room Cavity Ratio	PCC>	70%	50%	30%	70%	50%	30%	50%	30%	
	0	122	122	122	116	116	116	111	111	
	1	113	109	105	108	105	102	101	98	
	2	105	98	92	100	94	89	91	87	
	3	97	87	80	93	84	78	82	76	
	4	90	79	71	86	76	69	74	68	
	5	83	71	62	79	69	61	67	60	
	6	77	64	55	73	62	54	60	53	
	7	70	57	49	68	56	48	54	47	
	8	66	52	44	63	51	43	49	42	
	9	61	48	39	58	46	39	45	38	
10	56	43	35	54	42	35	41	34		

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



Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	618	31.60
0-40	1001	51.17
0-60	1683	86.02
0-90	1957	100.00
40-90	956	48.83
60-90	274	13.98
90-180	0	0.00
0-180	1957	100.00