



Blazer 45W LED Wall Pack

Catalog Number TCPBLAZER50

Notes

Type



Blazer 45W LED Wall Pack

Installation

Wall mounted.
Before installation, please consult your local ordinances and building codes for compliance.

Warranty

Five years against defects in manufacturing.

Listing

UL/cUL Listed - Suitable for wet locations

Application

TCP's Blazer line of LED wall packs are designed for applications that require clean lighting with a long life and low maintenance requirement. Applications include overnight security lighting for buildings, entrance lighting, and overhead door lighting.

Description

The Blazer 45 watt wall pack is a more efficient alternative to metal halide, high pressure sodium, and fluorescent wall packs. This LED wall pack is perfect for hard to reach areas that require clean lighting.

Construction

The Blazer 45 watt wall pack uses 20 High Power LumiLED Rebel LEDs. It is constructed from die cast aluminum with a durable brown powder coat finish. The Blazer 45 watt wall pack also features an impact resistant non-yellowing glass lens for maximum light output over the life of the luminaire. It is 7" tall by 14" wide and 9" deep. It has an IP65 weather rating.

Electrical

The driver is UL listed, has a power factor of 0.99, and an input voltage of 120-277 VAC (50/60 Hz). The Luminaire is rated at 45 watts, 2500 lumens, with a THD of less than 10%. Electrical protections include OVP, OCP, SCP, and OTP.

Performance

LED Life: 50,000 hrs

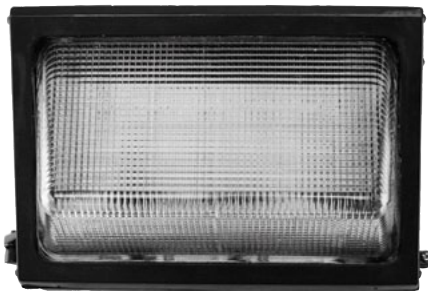
CCT: White 5500°K (Other color temperatures available upon request)

CRI: 71

Total Lumen Output: 2481 (LM-79-08 Test Procedure)

Lumens Per Watt: 59

Operating Temperature: -20°F ~ 140°F



Front View



Side View

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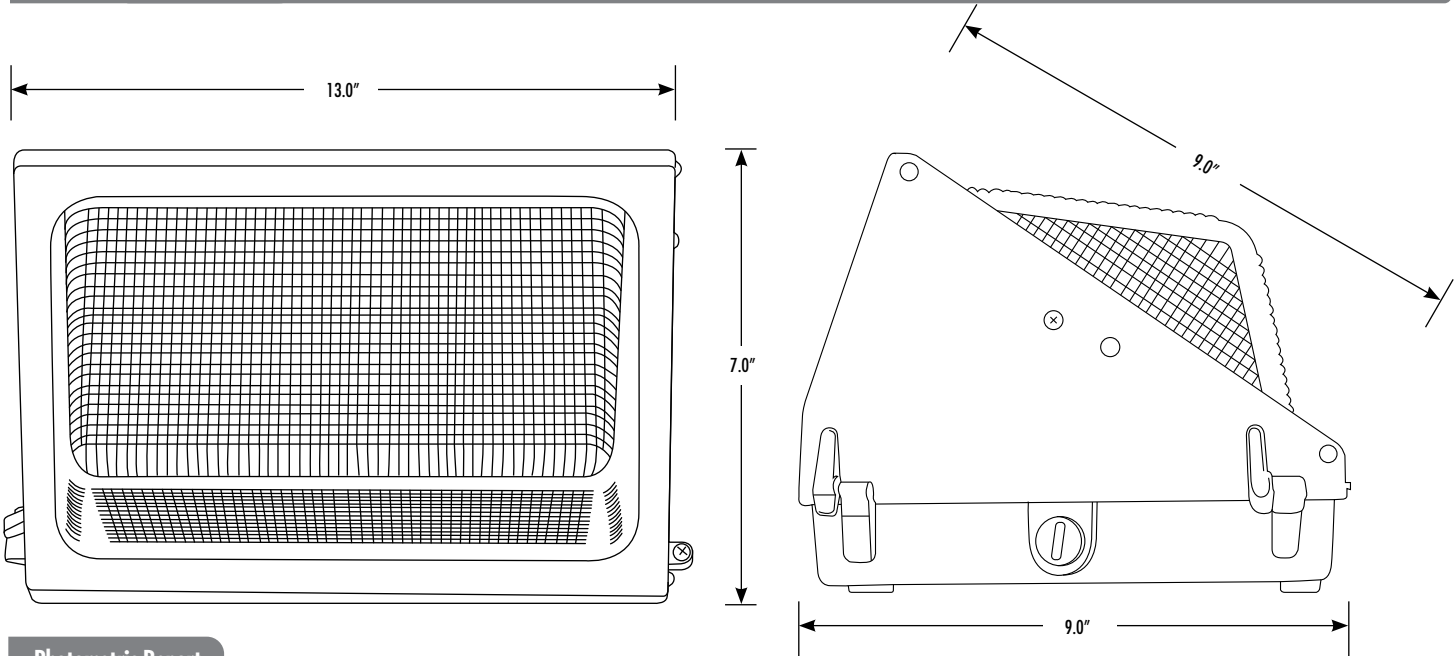
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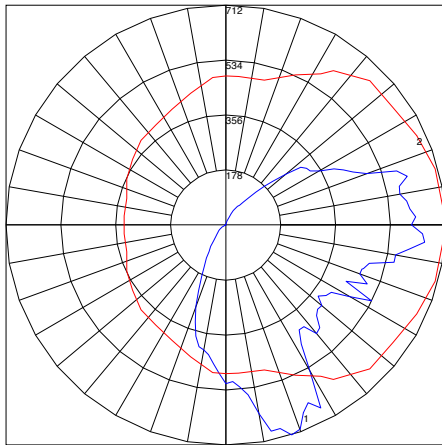


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Dimensions & Construction



Photometric Report



Maximum Candela = 712 Located At Horizontal Angle = 0, Vertical Angle = 17.5
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (17.5) (Through Max. Cd.)

Candela Distribution

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74
1	99	92	87	81	93	87	82	78	78	74	70	70	67	64	62	60	57	53
2	88	79	70	64	83	74	67	61	67	61	55	59	55	50	53	49	46	42
3	80	68	59	52	75	65	56	49	58	51	45	52	46	41	46	41	37	34
4	73	60	50	43	69	57	48	41	51	44	38	46	40	35	41	36	32	28
5	67	53	44	37	63	51	42	35	46	38	33	41	35	30	36	31	27	24
6	62	48	38	32	58	45	37	31	41	34	28	37	31	26	33	28	24	21
7	57	43	34	28	54	41	33	27	37	30	25	34	28	23	30	25	21	19
8	53	39	31	25	50	38	29	24	34	27	22	31	25	21	28	23	19	17
9	50	36	28	22	47	34	27	21	31	25	20	28	23	19	26	21	17	15
10	46	33	25	20	44	32	24	19	29	23	18	26	21	17	24	19	16	14

Photometric Toolbox-

Zonal Lumen Summary

Zone	Lumens	% Fixt.
0-30	398.32	16.10
0-40	619.81	25.00
0-60	1077.33	43.40
0-90	1843.14	74.30
90-120	518.27	20.90
90-130	587.51	23.70
90-150	634.07	25.60
90-180	638.32	25.70
0-180	2481.46	100.00

Total Luminaire Efficiency = N.A.%

Luminance Data in Candela/ Square Meter

Angle	0.0	45.0	90.0
45°	7640	9515	8888
55°	7181	8694	7006
65°	7917	10097	4598
75°	9280	11328	2677
85°	13539	11666	1396

Photometric Report

Total Input Watts (120V)	42.0
Luminaire Efficacy Rating (LER)	59%
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.24

Photometric Data by Independent Testing Lab. ITL Boulder.

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