



Blazer 20W LED Wall Pack

Catalog Number TCPBLAZER25

Notes

Type



Blazer 20W 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

Driver is UL listed
(UL Wet Location pending)

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 20 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 areas that require low maintenance and clean lighting.

Construction

The Blazer 20 watt wall pack uses 15 High Power LumiLED Rebel LEDs. It is constructed from die cast aluminum with a durable brown powder coat finish. The 20 watt Blazer also features an impact resistant non-yellowing lens for maximum light output over the life of the luminaire. It is 13" tall by 7.5" wide and 5.5" 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 20 watts, 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: 1045 (LM-63-02 Test Procedure)

Lumens Per Watt: 52.25

Operating Temperature: -20°F ~ 140°F



Front View



Side View

TCP, Inc.

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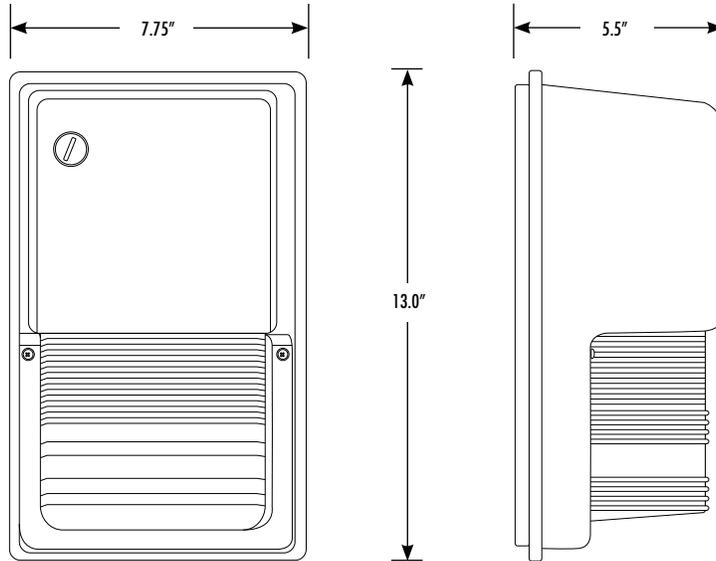
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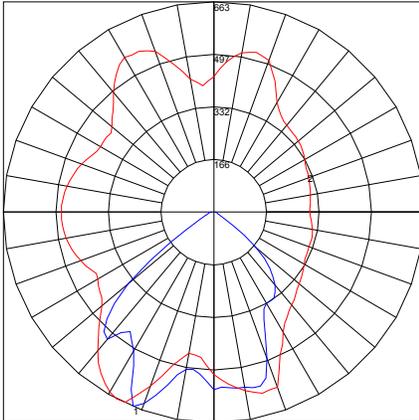


Blazer 20W LED Wall Pack

Dimensions & Construction



Photometric Report



Maximum Candela = 663.33 Located At Horizontal Angle = 242.5, Vertical Angle = 22.5
 # 1 - Vertical Plane Through Horizontal Angles (242.5 - 62.5) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (22.5) (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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	97	97	95	94	94	92	91	89
2	103	97	91	87	101	95	90	86	92	88	84	89	85	82	86	83	80	78
3	96	87	81	75	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	73	68	64	71	67	63	61
5	83	72	64	59	81	71	64	58	69	62	58	67	61	57	65	60	57	55
6	77	66	58	52	75	65	57	52	63	56	52	61	56	51	60	55	51	49
7	72	60	52	47	70	59	52	47	58	51	46	56	50	46	55	50	46	44
8	67	55	48	42	66	54	47	42	53	47	42	52	46	42	51	46	42	40
9	63	51	43	38	62	50	43	38	49	43	38	48	42	38	47	42	38	36
10	59	47	40	35	58	47	40	35	46	39	35	45	39	35	44	39	35	33

Zonal Lumen Summary

Zone	Lumens	% Fixt.
0-30	396.14	38.00
0-40	645.50	61.90
0-60	984.47	94.40
0-90	1043.09	100.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
0-180	1043.09	100.00

Total Luminaire Efficiency = N.A.%

Luminaire Data in Candela/ Square Meter

Angle	0.0	45.0	90.0
45°	8125	17044	37101
55°	3687	7599	6549
65°	1844	2727	3253
75°	1302	2451	3603
85°	998	3360	5290

Photometric Report

Total Input Watts (120V)	21.5
Luminaire Efficacy Rating (LER)	49%
Spacing Criterion (0-180)	0.72
Spacing Criterion (90-270)	1.14