

Our most popular tape light in our portfolio, BLAZE 12V LED Tape Light is perfect for accent and task lighting with its vast selection of color temperatures and exceptional lumen output. BLAZE is field-cuttable every 1 inch and suitable for installation in a clothes-closet.

## FEATURES

- Most popular lighting solution
- Closet-safe
- Wide CCT collection
- Cuttable every 1 inch

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Wattage</b>	2.88W / ft.
<b>Max. Run</b>	16.4 ft. (16.4 ft. spools) / 27 ft. (100 ft. & 400 ft. spools)
<b>Dimensions</b>	0.31 x 0.1 in. (W x H)
<b>Field Cuttable</b>	~ 1 in.
<b>LED Chips</b>	36 / ft.
<b>Certification</b>	UL Listed 2108
<b>Warranty</b>	12-Year Warranty

Visit the product page at [www.DiodeLED.com](http://www.DiodeLED.com) for installation guides, .IES files, voltage drop charts, and LM-79 reports.

ITEM #	CCT (KELVIN) <sup>1</sup>	CRI	LUMENS <sup>2</sup> / FT.
DI-12V-BL24-80**	2400K	81	252
DI-12V-BL27-80**	2700K	83	293
DI-12V-BL28-80**	2850K	82	250
DI-12V-BL30-80**	3000K	81	286
DI-12V-BL33-80**	3300K	81	299
DI-12V-BL35-80**	3500K	82	280
DI-12V-BL38-80**	3800K	83	270
DI-12V-BL42-80**	4200K	82	304
DI-12V-BL44-80**	4400K	82	258
DI-12V-BL50-80**	5000K	83	317
DI-12V-BL63-80**	6300K	82	276
DI-12V-0142 (16.4 ft.)	Blue (465nm)	N/A	41
DI-12V-BLBL-0100 (100 ft.)			
DI-12V-0141 (16.4 ft.)	Green (525nm)	N/A	205
DI-12V-BLGN-0100 (100 ft.)			
DI-12V-0140 (16.4 ft.)	Red (625nm)	N/A	101
DI-12V-BLRD-0100 (100 ft.)			

\*\* Substitute with **16** for 16.4 ft. spool, **100** for 100 ft. spool, or **400** for 400ft. spool (400 ft. only available in 2700K, 3000K, and 3500K). 400ft. spools have a diameter of 36" Ex: DI-12V-BL27-80**100** = Blaze 2700K 100ft. Spool  
Footnotes 1 & 2 see page 2.



Item # \_\_\_\_\_  
Project \_\_\_\_\_

## SPECIFICATIONS

- Input: 12VDC Constant Voltage
- Power Consumption / ft.: 2.88W / 242mA
- LED Chip Type: Epistar 3528 SMD Chip
- LED Chip Beam Angle: 120°
- LED Chips / ft.: 36
- Dimmable: Yes
- Luminous Efficacy<sup>3</sup> (lm/w): 88~110
- Mounting<sup>4</sup>: 3M™ 55280 Adhesive
- Field Cuttable: ~ 1 in. (25mm)
- Maximum Run<sup>5</sup>: 16.4 ft. (16.4 ft. spools) / 27 ft. (100 ft. & 400 ft. spools)
- Connections<sup>6</sup>: 3 ft. Female DC plug on end. 3 ft. hard-wire lead opposing end. Leads: UL 2464 20/2 AWG
- Ambient Temp<sup>7</sup>: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temp<sup>8</sup>: -4 ~ 176°F (-20 ~ 80°C)
- Environment<sup>9</sup>: Indoor / damp location
- Dimensions: 0.31 x 0.1 in. (W x H)

## COMPLIANCE & REGULATORY APPROVALS

### Safety

- UL Listed 2108 Low Voltage Lighting System / Low Voltage Luminaire. UL 1598 / CSA 250.0-08, UL 8750. UL 879 / CAN/CSA-C22.2 no. 207-M89. Certified for United States and Canada. File # E469769.
- UL Listed Field Cuttable.
- UL Recognized Component - Sign Accessories. Available in UL Sign Components Manual (SAMS Manual). File # E469770.
- CE & EMC Compliant: Verification No. GZEM141200683705V

### Environmental

- RoHS Compliant: Verification No. CANEC1610091501

### Performance

- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

## COMPATIBLE DRIVERS & CONTROLS

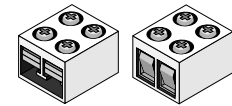
Visit the product page at [www.DiodeLED.com](http://www.DiodeLED.com) for compatible LED drivers & controls. See the Installation Guide for system diagrams.

1. Epistar 3528 SMD Chip binning ranges: (2400K 80+ CRI: 2300-2425K), (2700K 80+ CRI: 2580-2725K), (2850K 80+ CRI: 2725-2870K), (3000K 80+ CRI: 2870-3045K), (3300K 80+ CRI: 3220-3465K), (3500K 80+ CRI: 3465-3710K), (3800K 80+ CRI: 3710-3985K), (4200K 80+ CRI: 3985-4260K), (4400K 80+ CRI: 4260-4503K), (5000K 80+ CRI: 4745-5028K), (6300K 80+ CRI: 6020-6530K).
2. LED chips have a luminous flux range with a tolerance of +/- 5%.
3. Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
4. Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.
5. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. 100 ft. spools have been redesigned to allow for a longer maximum run. A marking of '1195C' on the product label will indicate that the product has a longer maximum run.
6. Wire leads and accessories are not rated for in-wall installation unless otherwise noted. Attached wire leads and connections are field-cuttable.
7. Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
8. Operating temperature is measured according to the minimum and maximum ambient temperature environment.
9. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur. NEC definition of damp location: Locations protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture. Examples of such locations include partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, some barns, and some cold-storage warehouses.

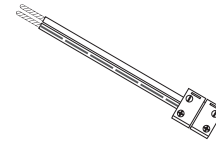
## ADDITIONAL ACCESSORIES

Accessories listed below fully support our Tape Light product line. Further information on these products and more accessories can be found in our latest catalog or online at [www.DiodeLED.com](http://www.DiodeLED.com).

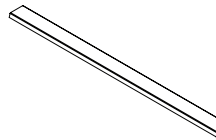
TERMINAL BLOCK CONNECTOR  
Tape Light Connector



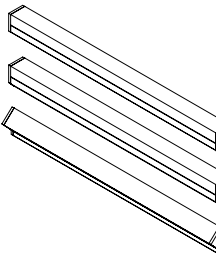
CLICKTIGHT® Tape  
Light Connectors



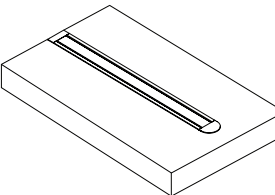
TAPEGUARD® LED  
Light Cover



CHROMAPATH®  
Builder Channels

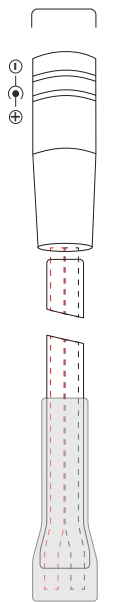


CHROMAPATH®  
Bundle Channels

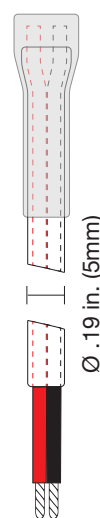
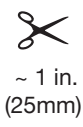


**MECHANICAL DIAGRAM**

Ø .45 in.  
(11.4mm)

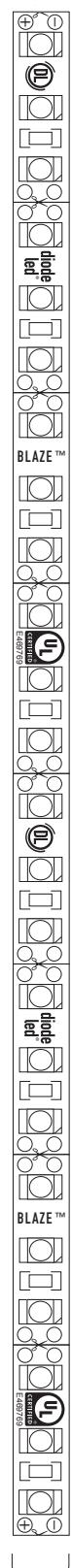


3 ft. (914mm) 20/2 AWG UL 2464 Wire



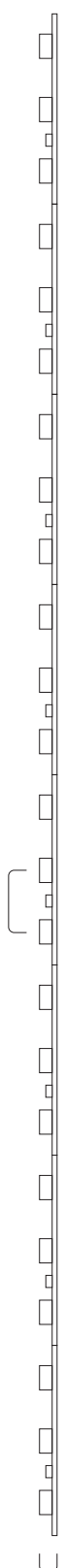
3 ft. (914mm) 20/2 AWG UL 2464 Wire

Leads:  
Red (+)  
Black (-)



W .31 in.  
(8mm)

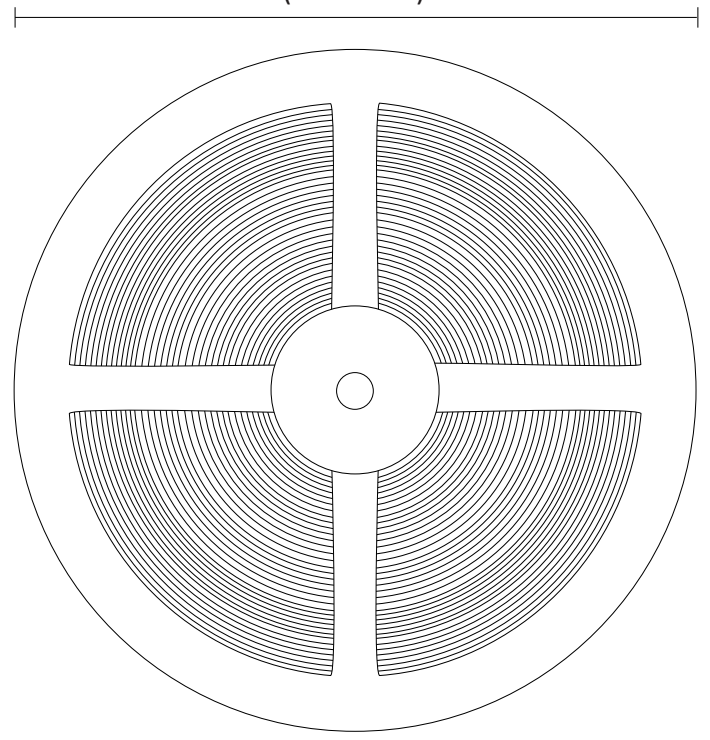
.33 in. (8.3mm)



H .1 in.  
(2.5mm)

**BLAZE™ 400' SPOOL**

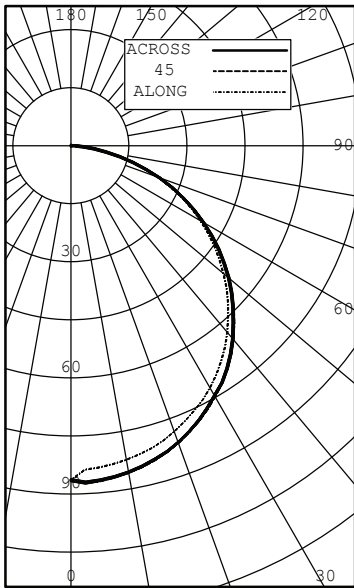
36 in.  
(914.4mm)



**PHOTOMETRICS\***

**BLAZE™ 2400K**  
DI-12V-BL24-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY  
BEAM SIDE

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	86	86	86	86	86
5	84	86	87	87	87
10	82	85	86	86	86
15	81	83	84	84	84
20	79	81	82	81	81
25	76	78	79	78	78
30	72	74	75	74	74
35	68	70	71	70	70
40	63	65	65	65	65
45	57	59	60	59	59
50	52	53	53	53	53
55	45	47	47	47	47
60	39	40	40	40	40
65	31	32	32	32	32
70	24	25	25	25	24
75	16	17	17	17	17
80	9	10	10	10	9
85	3	4	4	4	3
90	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

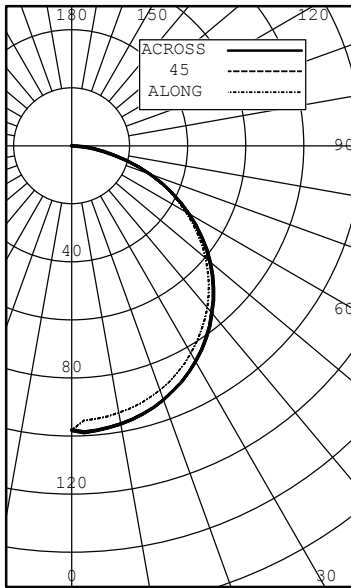
ZONE	LUMENS	% LUMINAIRE
0-30	68	26.83
0-40	111	44.13
0-60	198	78.60
0-90	252	100.00
40-90	141	55.87
60-90	54	21.40
90-180	0	0.00
0-180	252	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	5.43	5.09
6.00	2.41	7.64
8.00	1.36	10.2
10.0	0.869	12.7
12.0	0.603	15.3
14.0	0.443	17.8
16.0	0.339	20.4

**BLAZE 2700K**  
DI-12V-BL27-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY  
BEAM SIDE

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	98	98	98	98	98
5	95	98	99	99	98
10	93	97	97	97	97
15	92	95	96	96	96
20	89	93	93	93	93
25	86	89	90	90	90
30	82	86	86	86	86
35	78	81	81	81	81
40	73	75	75	75	75
45	67	69	69	69	69
50	60	62	62	62	62
55	53	55	55	55	55
60	45	47	47	47	47
65	37	38	38	38	38
70	28	29	29	29	29
75	19	20	20	20	20
80	11	12	12	11	11
85	4	5	5	5	5
90	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

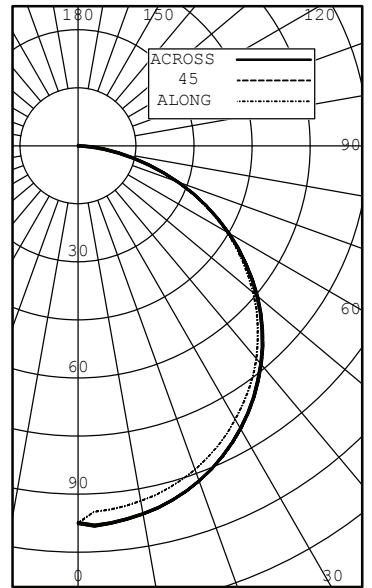
ZONE	LUMENS	% LUMINAIRE
0-30	77	26.37
0-40	128	43.50
0-60	229	78.17
0-90	293	100.00
40-90	166	56.50
60-90	64	21.83
90-180	0	0.00
0-180	293	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	6.15	5.15
6.00	2.73	7.72
8.00	1.54	10.3
10.0	0.984	12.9
12.0	0.684	15.4
14.0	0.502	18.0
16.0	0.384	20.6

**BLAZE 3000K**  
DI-12V-BL30-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY  
BEAM SIDE

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	97	97	97	97	97
5	94	97	98	98	98
10	93	96	97	97	97
15	91	94	95	95	95
20	89	92	92	92	92
25	86	88	89	88	88
30	82	84	84	84	84
35	77	79	79	79	79
40	72	74	74	74	74
45	66	67	68	67	67
50	59	61	61	60	60
55	52	53	53	53	53
60	44	45	45	45	45
65	36	37	37	37	37
70	27	28	28	28	28
75	19	19	19	19	19
80	11	11	11	11	11
85	4	5	4	4	4
90	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	76	26.72
0-40	126	43.95
0-60	225	78.50
0-90	286	100.00
40-90	160	56.05
60-90	62	21.50
90-180	0	0.00
0-180	286	100.00

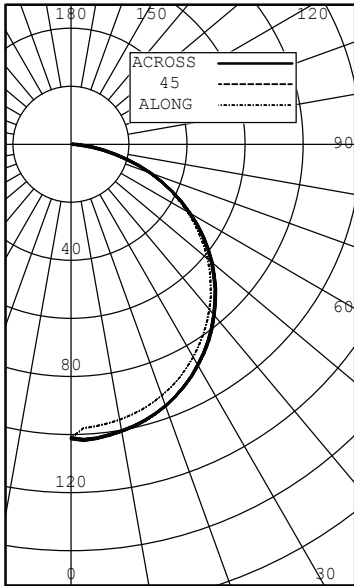
Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	6.12	5.10
6.00	2.72	7.64
8.00	1.53	10.2
10.0	0.979	12.7
12.0	0.680	15.3
14.0	0.500	17.8
16.0	0.382	20.4

\* Photometric data complies with LM-79-08, ANSI C82.77-02.

**BLAZE™ 3300K**  
DI-12V-BL33-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY  
BEAM SIDE

ANGLE ALONG	22.5	45	67.5	ACROSS
0	101	101	101	101
5	98	101	102	102
10	96	100	101	100
15	95	98	99	98
20	92	95	96	96
25	89	92	92	92
30	84	88	88	88
35	80	83	83	83
40	74	77	77	77
45	68	71	71	70
50	61	64	64	63
55	54	56	56	56
60	46	48	47	47
65	38	39	39	39
70	29	30	30	29
75	20	20	20	20
80	11	12	12	11
85	4	5	4	4
90	0	1	1	1

ZONAL LUMENS AND PERCENTAGES

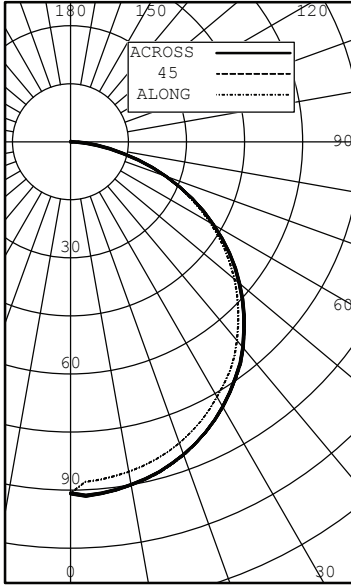
ZONE	LUMENS	% LUMINAIRE
0-30	80	26.59
0-40	131	43.76
0-60	234	78.34
0-90	299	100.00
40-90	168	56.24
60-90	65	21.66
90-180	0	0.00
0-180	299	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	6.35	5.11
6.00	2.82	7.67
8.00	1.59	10.2
10.0	1.02	12.8
12.0	0.706	15.3
14.0	0.519	17.9
16.0	0.397	20.4

**BLAZE 3800K**  
DI-12V-BL38-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	ACROSS
0	91	91	91	91
5	88	91	91	91
10	87	90	90	90
15	85	88	89	88
20	83	86	86	86
25	80	83	83	83
30	76	79	79	79
35	72	75	74	74
40	67	69	70	69
45	61	64	64	63
50	55	57	57	57
55	49	50	50	50
60	42	43	43	43
65	34	35	35	35
70	26	27	27	26
75	18	18	18	18
80	10	11	11	10
85	4	4	4	4
90	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

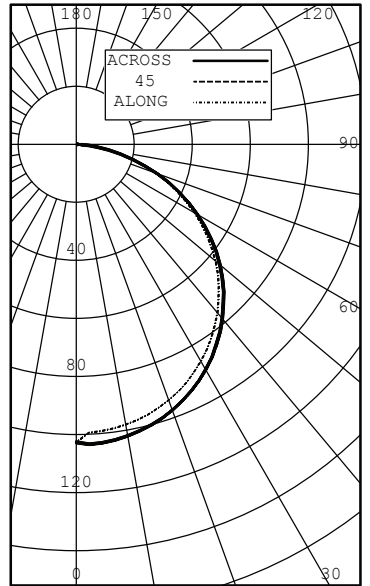
ZONE	LUMENS	% LUMINAIRE
0-30	71	26.49
0-40	118	43.67
0-60	211	78.24
0-90	270	100.00
40-90	152	56.33
60-90	59	21.76
90-180	0	0.00
0-180	270	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	5.70	5.12
6.00	2.53	7.68
8.00	1.43	10.2
10.0	0.912	12.8
12.0	0.633	15.4
14.0	0.465	17.9
16.0	0.356	20.5

**BLAZE 4200K**  
DI-12V-BL42-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	ACROSS
0	103	103	103	103
5	99	102	103	103
10	98	101	102	102
15	96	99	100	100
20	94	97	98	97
25	90	93	94	94
30	86	89	90	89
35	81	84	85	84
40	76	78	79	78
45	70	72	72	72
50	63	65	65	65
55	55	57	57	57
60	47	48	48	48
65	38	39	39	39
70	29	30	30	30
75	20	21	20	20
80	11	12	12	11
85	5	5	5	5
90	0	1	1	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	81	26.54
0-40	133	43.73
0-60	239	78.36
0-90	304	100.00
40-90	171	56.27
60-90	66	21.64
90-180	0	0.00
0-180	304	100.00

Cone Of Light Tabulation

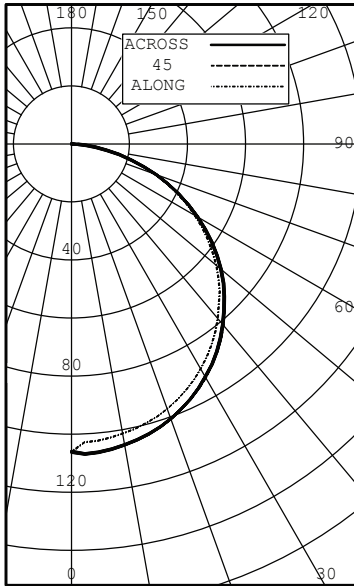
Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	6.45	5.13
6.00	2.87	7.69
8.00	1.61	10.3
10.0	1.03	12.8
12.0	0.717	15.4
14.0	0.527	17.9
16.0	0.403	20.5

\* Photometric data complies with LM-79-08, ANSI C82.77-02.

**PHOTOMETRICS\***

**BLAZE™ 5000K**  
DI-12V-BL50-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	ACROSS
0	106	106	106	106
5	103	106	107	106
10	101	104	105	105
15	100	103	104	103
20	97	100	101	101
25	94	97	97	97
30	89	92	93	92
35	84	87	88	87
40	78	81	81	81
45	72	74	75	74
50	65	67	67	67
55	57	59	59	59
60	49	50	50	50
65	40	41	41	41
70	31	31	31	31
75	21	22	22	21
80	12	13	13	12
85	5	6	5	5
90	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

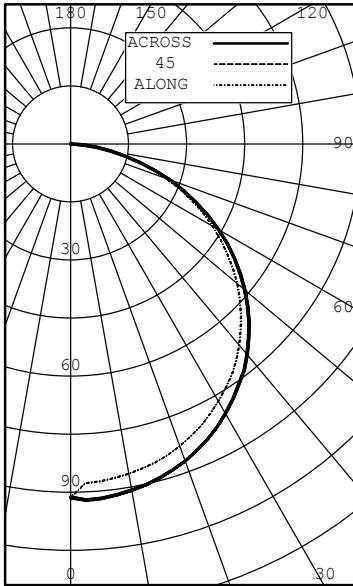
ZONE	LUMENS	% LUMINAIRE
0-30	84	26.36
0-40	138	43.48
0-60	247	78.07
0-90	317	100.00
40-90	179	56.52
60-90	69	21.93
90-180	0	0.00
0-180	317	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	6.66	5.14
6.00	2.96	7.71
8.00	1.66	10.3
10.0	1.07	12.9
12.0	0.740	15.4
14.0	0.544	18.0
16.0	0.416	20.6

**BLAZE 6300K**  
DI-12V-BL63-80\*\*

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	ACROSS
0	91	91	91	91
5	88	92	92	92
10	87	90	91	91
15	85	89	90	89
20	83	87	87	87
25	80	84	84	84
30	77	80	80	80
35	73	76	76	76
40	68	71	71	71
45	62	65	65	65
50	56	59	59	59
55	49	52	52	52
60	42	44	44	44
65	35	36	36	36
70	26	28	28	28
75	18	19	19	19
80	10	11	11	11
85	4	4	4	4
90	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

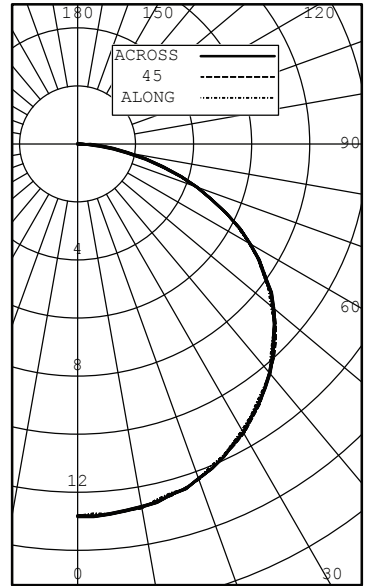
ZONE	LUMENS	% LUMINAIRE
0-30	72	26.22
0-40	119	43.33
0-60	215	78.10
0-90	276	100.00
40-90	156	56.67
60-90	60	21.90
90-180	0	0.00
0-180	276	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	5.74	5.17
6.00	2.55	7.76
8.00	1.43	10.3
10.0	0.918	12.9
12.0	0.637	15.5
14.0	0.468	18.1
16.0	0.359	20.7

**BLAZE Blue(465nm)**  
DI-12V-0142  
DI-12V-BLBL-0100

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	ACROSS
0	13	13	13	13
5	13	13	13	13
10	13	13	13	13
15	12	13	13	13
20	12	12	12	12
25	12	12	12	12
30	11	11	12	11
35	11	11	11	11
40	10	10	10	10
45	10	10	10	10
50	9	9	9	9
55	8	8	8	8
60	7	7	7	7
65	6	6	6	6
70	4	4	4	4
75	3	3	3	3
80	2	2	2	2
85	1	1	1	1
90	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	10	24.90
0-40	17	41.45
0-60	31	76.45
0-90	41	100.00
40-90	24	58.55
60-90	10	23.55
90-180	0	0.00
0-180	41	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	0.799	5.28
6.00	0.355	7.93
8.00	0.200	10.6
10.0	0.128	13.2
12.0	0.0888	15.9
14.0	0.0652	18.5
16.0	0.0500	21.1

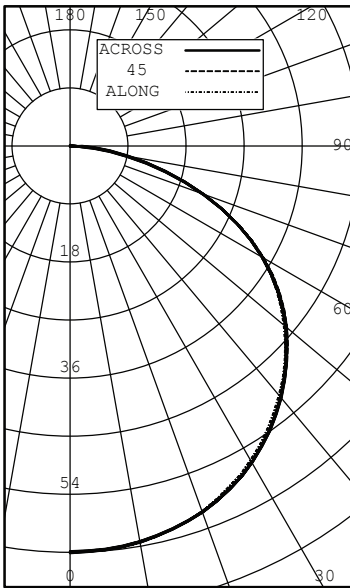
\* Photometric data complies with LM-79-08, ANSI C82.77-02.

**PHOTOMETRICS\***

**BLAZE™ Green(525nm)**

DI-12V-0141  
DI-12V-BLGN-0100

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	CROSS
0	63	63	63	63
5	63	63	63	63
10	63	62	62	62
15	62	61	61	62
20	60	60	60	60
25	58	58	58	59
30	56	56	56	57
35	53	54	54	54
40	50	51	51	51
45	47	47	48	47
50	43	44	44	44
55	39	39	40	39
60	34	34	35	34
65	29	29	29	29
70	22	22	22	22
75	15	15	16	15
80	9	9	9	9
85	4	4	4	4
90	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	50	24.60
0-40	84	41.02
0-60	156	76.02
0-90	205	100.00
40-90	121	58.98
60-90	49	23.98
90-180	0	0.00
0-180	205	100.00

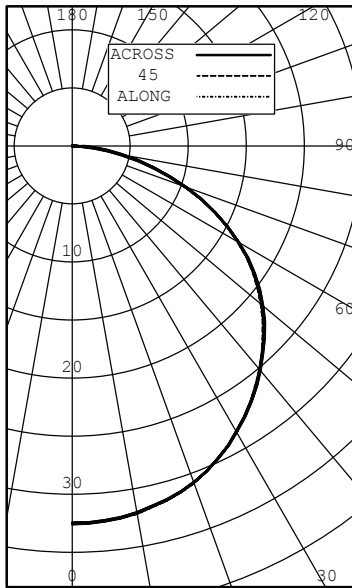
Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	3.92	5.31
6.00	1.74	7.97
8.00	0.980	10.6
10.0	0.627	13.3
12.0	0.436	15.9
14.0	0.320	18.6
16.0	0.245	21.3

**BLAZE Red(625nm)**

DI-12V-0140  
DI-12V-BLRD-0100

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE ALONG	22.5	45	67.5	CROSS
0	33	33	33	33
5	32	33	32	32
10	32	32	32	32
15	32	32	32	32
20	31	31	31	31
25	30	30	30	30
30	28	28	28	29
35	27	27	27	27
40	25	25	25	25
45	23	23	23	23
50	21	21	21	21
55	19	19	19	19
60	17	16	16	17
65	14	14	13	14
70	11	11	10	10
75	7	7	7	7
80	4	4	4	4
85	2	2	2	2
90	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	26	25.54
0-40	42	42.20
0-60	77	76.90
0-90	101	100.00
40-90	58	57.80
60-90	23	23.10
90-180	0	0.00
0-180	101	100.00

Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	2.02	5.19
6.00	0.900	7.78
8.00	0.506	10.4
10.0	0.324	13.0
12.0	0.225	15.6
14.0	0.165	18.1
16.0	0.127	20.7

\* Photometric data complies with LM-79-08, ANSI C82.77-02.



## ADDITIONAL INFORMATION

- LOW VOLTAGE LED TAPE LIGHT Installation Guide

## SAFETY / WARNINGS / DISCLOSURES

1. Install in accordance with national and local electrical code regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Only install with a Class 2 DC Constant Voltage LED driver.
4. Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
5. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
6. Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Tape light and attached wire leads are field-cuttable.
7. Ensure applicable wire is installed between driver, fixture, and any controls in-between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.
8. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
9. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
10. Do not install indoor LED tape light products in outdoor / wet location environments. Only wet location tape light models are rated for outdoor / wet locations.
11. Do not modify product beyond instructions or warranty will be void.
12. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
13. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
14. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

## WARRANTY

### Limited Warranty

This product has a twelve (12) year limited warranty from the date of shipment. This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at [www.diodeled.com/limited-warranty/](http://www.diodeled.com/limited-warranty/) within the Policies section. For warranty related questions please contact product support.

### Consumer's Acknowledgment

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Elemental LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.



© 2020 Elemental LED, Inc. All rights reserved.  
Specifications are subject to change without notice.

Toll Free: 877.817.6028 | Fax: 415.592.1596 | [www.DiodeLED.com](http://www.DiodeLED.com) | [info@DiodeLED.com](mailto:info@DiodeLED.com)

SPEC SHEET | BLAZE™ 12V LED TAPE LIGHT | SS011620-10.0 | 8 OF 8