

Ultra High Beam

LED TAPE LIGHT

DESCRIPTION

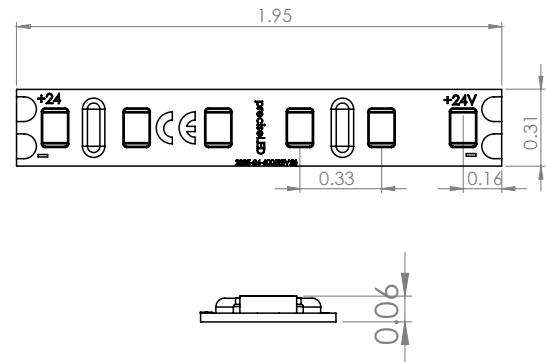
All PreciseLED tape light products feature a flexible copper core and are cut and soldered to specified length in our factory. PreciseLED tape lights additionally have best-in-class color rendering, color consistency, and, when combined with our dimming drivers, dimming and flickering performance. Ultra Hi Beam is intended for short lengths of strong light output, approximately the same as that of a T8 fluorescent bulb.

SPECIFICATIONS

- Voltage: 24V
- Watts per foot: 8.78W/ft
- Average Lumens per Foot: 558 Lm/ft
- Dimmable using dimmable driver
- Backed with 3M Adhesive
- Ambient Temperature: -4°F ~ +113°F
- Humidity: 40% ~ 70% R
- IP Protection: IP20
- Tail end field cuttable every 1.97 Inches
- 50,000 Hours Lamp Life
- Max Run: 8.75 Feet
- 3 Step Binning Process
- CRI ≥ 95 , R_r ≥ 95 , R_g ≥ 100
- UL Listed for US and Canada 
- 5 Year Warranty

Please see [PreciseLED.com](https://www.preciseled.com) for warranty and installation information.

DIMENSIONS



LUMEN OUTPUT PER COLOR TEMPERATURE

3000K	507 Lm/ft
3500K	558 Lm/ft*

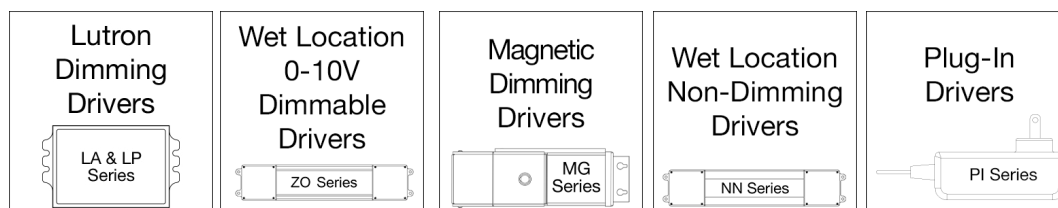
*estimated value

ORDERING CODE

Example: **UHBE-16'-24V-95C-30K-EGNT**

Product	Spool Length	Volts	CRI	Color Temperature	Ambience
UHBE	ft in Custom Length For ordering lengths, see page 5.	24V- 24 Volts	95C ≥ 95CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K	Standard EGNITE* *Black Body Curve for 3000K and below Click here for Egnite info.

COMPATIBLE TAPE LIGHT DRIVERS



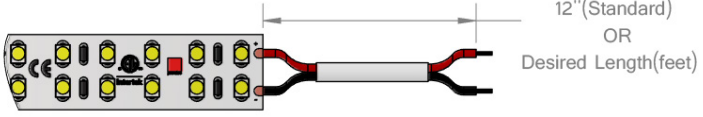
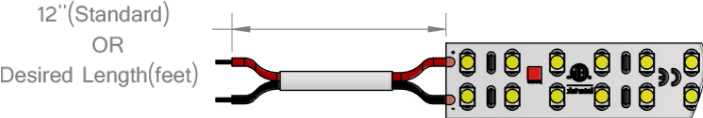
Click [here](#) for a more detailed driver overview.

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LED TAPE LIGHT

Project Name:

Fixture Type:

Optional Wiring Configurations	Description	Ordering Code
	Custom Tail Wire Length	TAIW
	Custom Lead Wire Length	LEAW
	Tail Jumper Cable	JUMP
	2.1MM DC CONNECTOR (FEMALE)	PLGF
	2.1MM DC CONNECTOR (MALE)	PLGM

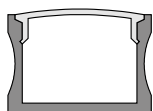
*Default wire length is 12", no number in front of ordering code indicates default length

Note: Solder points are secured with cable grips.

ORDERING CODE

Example: UHBE-16'-24V-95C-30K-EGNT-14TAIW

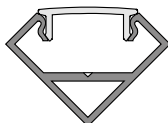
COMPATIBLE TAPE LIGHT CHANNELS



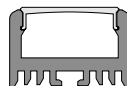
FGRE - Figure Spotless Design



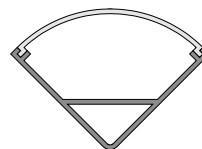
FGFL - Figure Flat



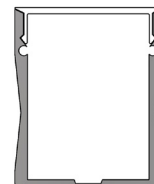
45DE - 45 Degree



CNWD - Connectwide



45WD - 45 Degree Wide



FGTL - Figure Tall

Click [here](#) to view our Tape Light Channels

Ultra High Beam

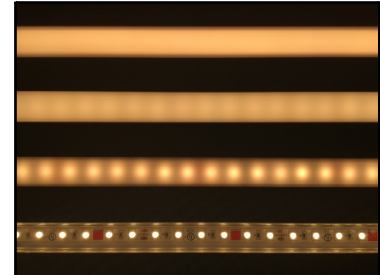
LED TAPE LIGHT

Project Name:

Fixture Type:

■ LEVEL OF SPOTLESSNESS PER CHANNEL/ LENS COMBINATION

	Opal Lens	Diffuse Lens	Clear Lens
FIGURE	SL	SL	CL
FIGURE FLAT	SS	SS	CL
45 DEGREE	SL	SS	CL
CONNECTWIDE	SL	SS	CL
FIGURE TALL	SL	SL	CL



SL = Spotless

SS = Slightly Spotty

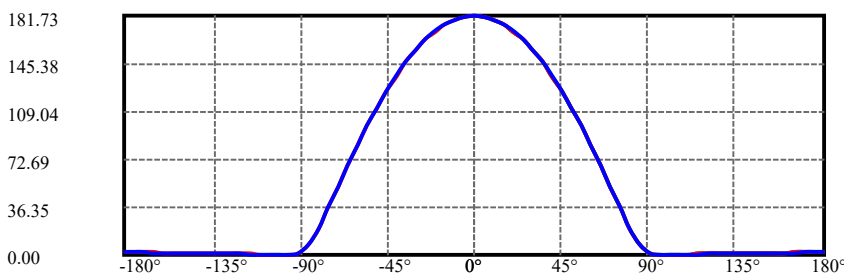
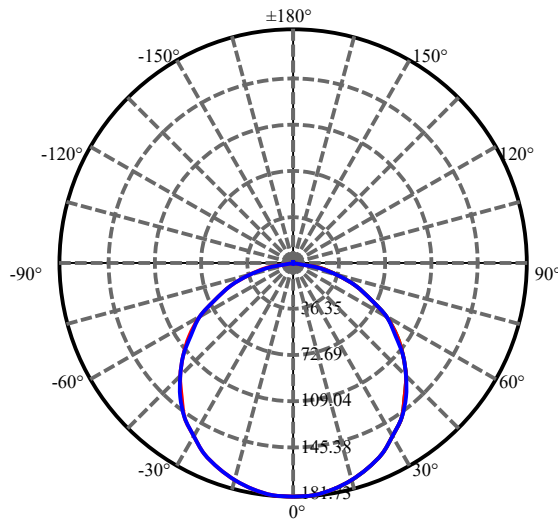
SP = Spotty

CL = Clear

■ TOTAL LUMEN OUTPUT FOR CHANNEL/ LENS COMBINATION

	Opal Lens	Diffuse Lens	Clear Lens
FIGURE	30%	51%	70%
FIGURE FLAT	41%	63%	85%
CONNECTWIDE	26%	53%	67%
45 DEGREE	25%	49%	62%

■ LIGHT DISTRIBUTION CURVE



C0(Max):

C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:81.0 Right:81.0

:C90/270Left:80.9 Right:80.9

Beam Angle(50%Imax):C0/180Left:57.5 Right:57.5

:C90/270Left:57.5 Right:57.5

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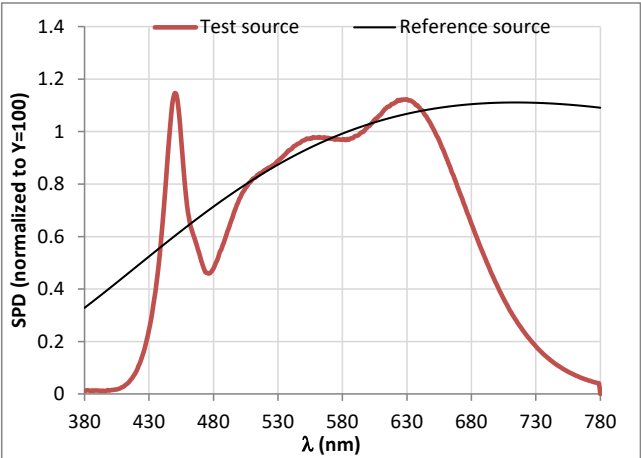
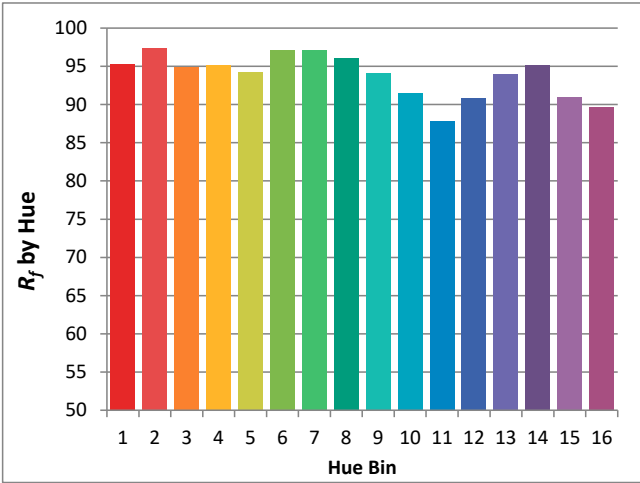
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Project Name:

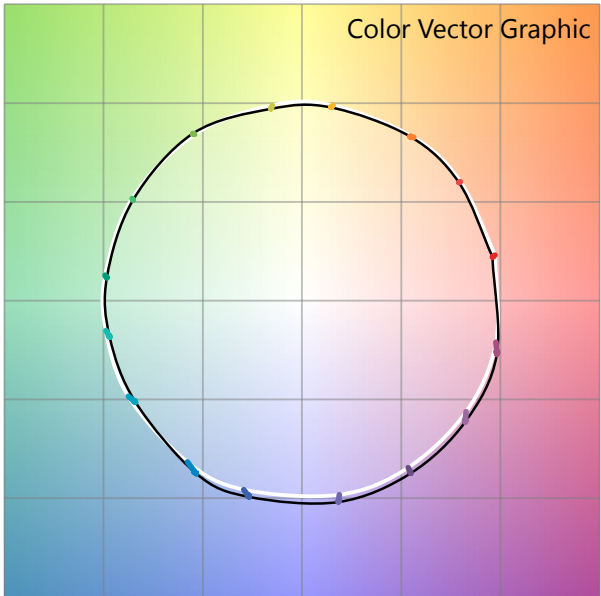
Fixture Type:

■ **TM-30 DATA**

4000K CCT



		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	95	-2%	-1%
2	97	-1%	0%
3	95	-1%	2%
4	95	-1%	1%
5	94	-2%	1%
6	97	1%	1%
7	97	-1%	0%
8	96	-1%	1%
9	94	-1%	4%
10	91	-1%	5%
11	88	2%	7%
12	91	3%	3%
13	94	4%	-1%
14	95	3%	-1%
15	91	2%	-5%
16	90	2%	-6%



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LED TAPE LIGHT

Project Name:

Fixture Type:

■ Please refer to chart below for exact lengths of the Ultra High Beam Tape Light

Ordered Length		Actual Length
(Foot-Inches)	(Inches)	(Inches)
0'-0.5"	0.5	0.98
0'-1"	1	1.96
0'-2"	2	2.94
0'-3"	3	3.92
0'-4"	4	4.9
0'-5"	5	5.88
0'-6"	6	6.86
0'-7"	7	7.84
0'-8"	8	8.82
0'-9"	9	9.8
0'-10"	10	10.78
0'-11"	11	11.76
1'-0"	12	12.74
1'-1"	13	13.72
1'-2"	14	14.7
1'-3"	15	15.68
1'-4"	16	16.66
1'-5"	17	17.64
1'-6"	18	18.62
1'-7"	19	19.6
1'-8"	20	20.58
1'-9"	21	21.56
1'-10"	22	22.54
1'-11"	23	23.52
2'-0"	24	24.5
2'-1"	25	25.48
2'-2"	26	26.46
2'-3"	27	27.44
2'-4"	28	28.42
2'-5"	29	29.4
2'-6"	30	30.38
2'-7"	31	31.36
2'-8"	32	32.34
2'-9"	33	33.32
2'-10"	34	34.3
2'-11"	35	35.28
3'-0"	36	36.26
3'-1"	37	37.24
3'-2"	38	38.22
3'-3"	39	39.2
3'-4"	40	40.18
3'-5"	41	41.16
3'-6"	42	42.14
3'-7"	43	43.12
3'-8"	44	44.1
3'-9"	45	45.08
3'-10"	46	46.06
3'-11"	47	47.04
4'-0"	48	48.02
4'-1"	49	49
4'-1"	49	49.98
4'-2"	50	50.96
4'-3"	51	51.94
4'-4"	52	52.92

Ordered Length		Actual Length
(Foot-Inches)	(Inches)	(Inches)
4'-5"	53	53.9
4'-6"	54	54.88
4'-7"	55	55.86
4'-8"	56	56.84
4'-9"	57	57.82
4'-10"	58	58.8
4'-11"	59	59.78
5'-0"	60	60.76
5'-1"	61	61.74
5'-2"	62	62.72
5'-3"	63	63.7
5'-4"	64	64.68
5'-5"	65	65.66
5'-6"	66	66.64
5'-7"	67	67.62
5'-8"	68	68.6
5'-9"	69	69.58
5'-10"	70	70.56
5'-11"	71	71.54
6'-0"	72	72.52
6'-1"	73	73.5
6'-2"	74	74.48
6'-3"	75	75.46
6'-4"	76	76.44
6'-5"	77	77.42
6'-6"	78	78.4
6'-7"	79	79.38
6'-8"	80	80.36
6'-9"	81	81.34
6'-10"	82	82.32
6'-11"	83	83.3
7'-0"	84	84.28
7'-1"	85	85.26
7'-2"	86	86.24
7'-3"	87	87.22
7'-4"	88	88.2
7'-5"	89	89.18
7'-6"	90	90.16
7'-7"	91	91.14
7'-8"	92	92.12
7'-9"	93	93.1
7'-10"	94	94.08
7'-11"	95	95.06
8'-0"	96	96.04
8'-1"	97	97.02
8'-2"	98	98
8'-2"	98	98.98
8'-3"	99	99.96
8'-4"	100	100.94
8'-5"	101	101.92
8'-6"	102	102.9
8'-7"	103	103.88
8'-8"	104	104.86
8'-9"	105	105.84