

# Hi Beam Double

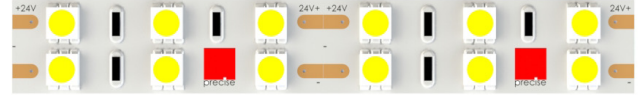
## LED TAPE LIGHT

Project Name:

Fixture Type:

### 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. Twice the power as our HI-BEAM, our HI-BEAM DOUBLE Tape Light is for when more light is needed.



### SPECIFICATIONS

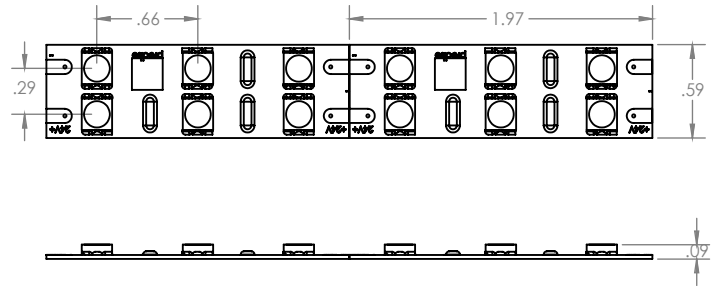
- Voltage: 24V
- Watts per foot: 8.8W/ft
- Average Lumens per foot: 518 Lm/ft
- Dimmable using dimmable driver
- Backed with 3M Adhesive
- Ambient Temperature: -4°F ~ +113°F
- Humidity: 40% ~ 70% R
- Protection: IP20
- Tail end field cuttable every 1.97 Inches
- 50,000 Hours Lamp Life
- Max Run: 8.75 Feet
- 3 Step Binning Process
- CRI ≥ 95 , R<sub>r</sub> ≥ 95 , R<sub>g</sub> ≥ 100
- UL Listed for US and Canada
- 5 Year Warranty

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

### ORDERING CODE

Example: HBDL-16'-24V-95C-30K

### DIMENSIONS

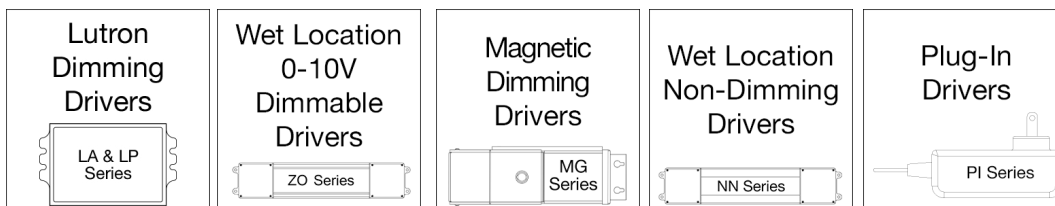


### LUMEN OUTPUT PER COLOR TEMPERATURE

2700K	493 Lm/ft
3000K	528 Lm/ft
3500K	527 Lm/ft
4000K	526 Lm/ft

Product	Spool Length	Volts	CRI	Color Temperature	Ambience
<b>HBDL</b>	'ft      "in  Custom Length  For ordering lengths, see page 3.	<b>24V</b> 24 Volts	<b>95</b> 95CRI	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>Standard</b>

### COMPATIBLE TAPE LIGHT DRIVERS



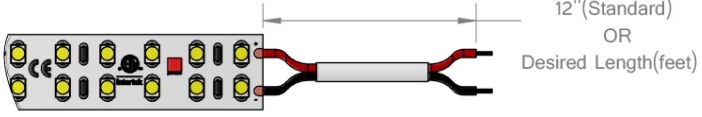
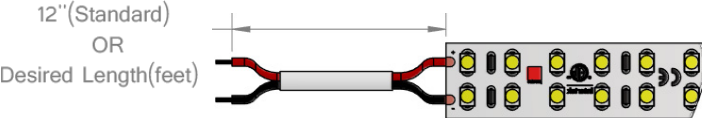



Click [here](#) for a more detailed Driver Overview.

# Hi Beam Double

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.

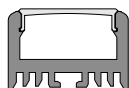
## ORDERING CODE

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

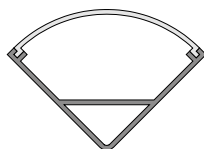
## COMPATIBLE TAPE LIGHT CHANNELS



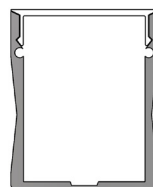
FGFL -  
Figure Flat



CNWD -  
Connectwide



45WD -  
45 Degree Wide



FGTL -  
Figure Tall

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

# Hi Beam Double

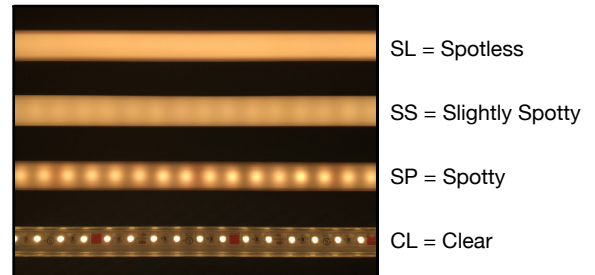
LED TAPE LIGHT

Project Name:

Fixture Type:

## ■ LEVEL OF SPOTLESSNESS PER CHANNEL/ LENS COMBINATION

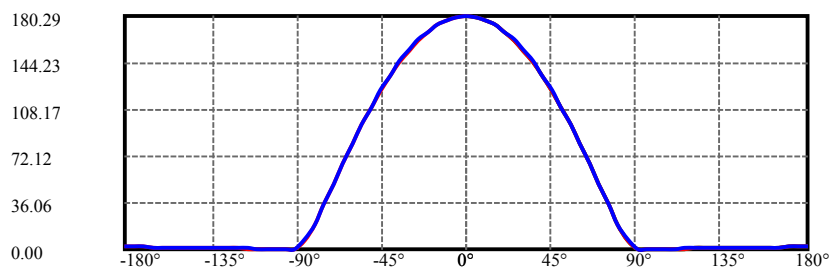
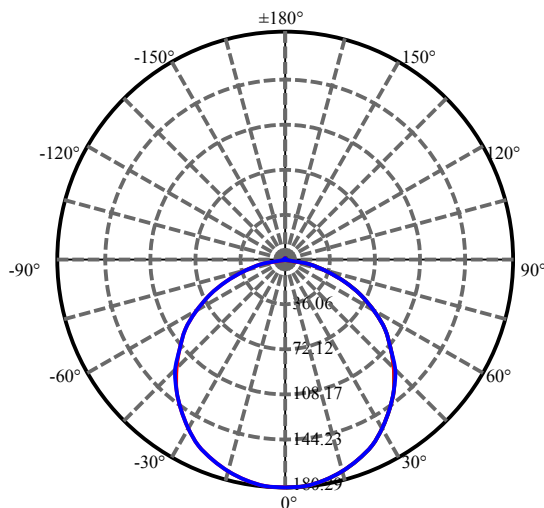
	Opal Lens	Diffuse Lens	Clear Lens
FIGURE	SS	SS	CL
FIGURE FLAT	SP	SP	CL
CONNECTWIDE	SS	SS	CL
FIGURE TALL	SL	SL	CL



## ■ TOTAL LUMEN OUTPUT FOR CHANNEL/ LENS COMBINATION

	Opal Lens	Diffuse Lens	Clear Lens
FIGURE FLAT	41%	63%	85%
CONNECTWIDE	26%	53%	67%

## ■ LIGHT DISTRIBUTION CURVE



C0(Max):

C0/C180:

C90/C270:

Field angle(10%Imax):C0/180Left:80.5 Right:80.5

:C90/270Left:80.5 Right:80.5

Beam Angle(50%Imax):C0/180Left:57.1 Right:57.1

:C90/270Left:57.2 Right:57.2

# Hi Beam Double

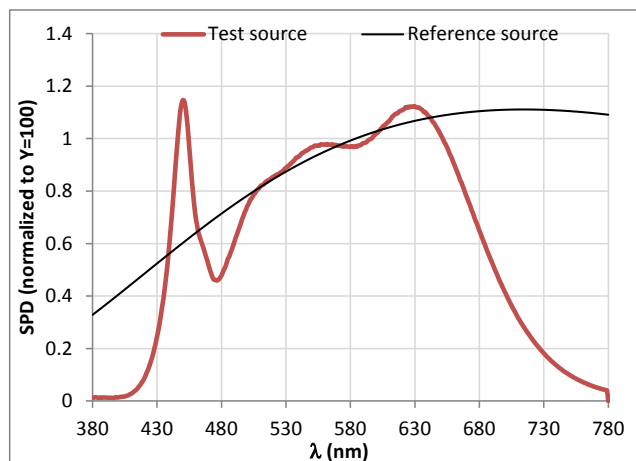
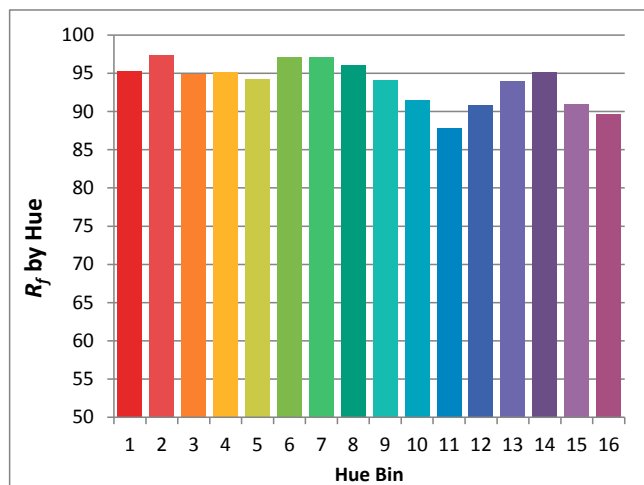
LED TAPE LIGHT

Project Name:

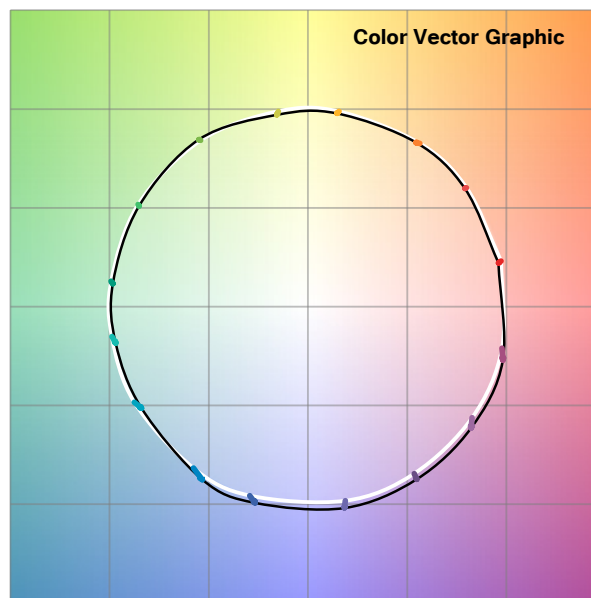
Fixture Type:

■ TM-30 DATA

4000K CCT



Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		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%



# Hi Beam Double

LED TAPE LIGHT

Project Name:

Fixture Type:

■ Please refer to chart below for exact lengths of the Hi Beam Double Tape Light

Ordered Length		Actual Length
(Foot-Inches)	(Inches)	(Inches)
0'-1"	1	1.9
0'-3"	3	3.8
0'-5"	5	5.7
0'-7"	7	7.6
0'-9"	9	9.5
0'-11"	11	11.4
1'-1"	13	13.3
1'-3"	15	15.2
1'-5"	17	17.1
1'-7"	19	19
1'-8"	20	20.9
1'-10"	22	22.8
2'-0"	24	24.7
2'-2"	26	26.6
2'-4"	28	28.5
2'-6"	30	30.4
2'-8"	32	32.3
2'-10"	34	34.2
3'-0"	36	36.1
3'-2"	38	38
3'-3"	39	39.9
3'-5"	41	41.8
3'-7"	43	43.7
3'-9"	45	45.6
3'-11"	47	47.5
4'-1"	49	49.4
4'-3"	51	51.3
4'-5"	53	53.2

Ordered Length		Actual Length
(Foot-Inches)	(Inches)	(Inches)
4'-7"	55	55.1
4'-9"	57	57
4'-10"	58	58.9
5'-0"	60	60.8
5'-2"	62	62.7
5'-4"	64	64.6
5'-6"	66	66.5
5'-8"	68	68.4
5'-10"	70	70.3
6'-0"	72	72.2
6'-2"	74	74.1
6'-4"	76	76
6'-5"	77	77.9
6'-7"	79	79.8
6'-9"	81	81.7
6'-11"	83	83.6
7'-1"	85	85.5
7'-3"	87	87.4
7'-5"	89	89.3
7'-7"	91	91.2
7'-9"	93	93.1
7'-11"	95	95
8'-0"	96	96.9
8'-2"	98	98.8
8'-4"	100	100.7
8'-6"	102	102.6
8'-8"	104	104.5
8'-10"	106	106.4