

RESOURCE GUIDE - BUILDING A FIXTURE

STRIP - STATIC WHITE - SW-HE24/9.0

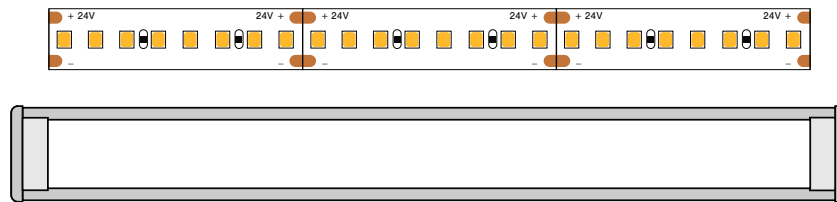


BUILDING A FIXTURE

- 1 Fill out the ordering code on the STRIP cutsheet, choosing "MATCH" for ILLUMINATED LENGTH (IN).

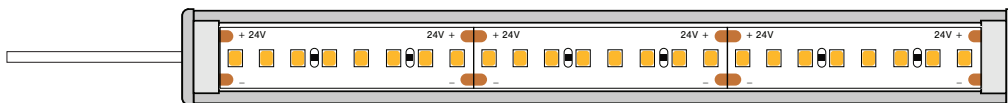
V/WATTS	RATED	CCT - LUMENS/CRI	³ CONNECTOR/ WIRE IN	³ CONNECTOR/ WIRE OUT	ILLUMINATED LENGTH (IN)
SW24/9.0	DRY	30	BW	CLS	MATCH

The strip you just created will now be *fitted* and installed into an extrusion. The strip and extrusion will not be equal in length; the strip will stop just short of the extrusion's endcaps.



- 2 Fill out the ordering code for the EXTRUSION cutsheet and choose a non-encapsulated lens (Clear, Frosted, Polar, or Diffused).

PRODUCT	FINISH	MOUNTING	LENS	TYPE	FINISHED FIXTURE LENGTH (IN)
WIDE	ST	PL	CL	S1	12"



RESOURCE GUIDE - BUILDING A FIXTURE

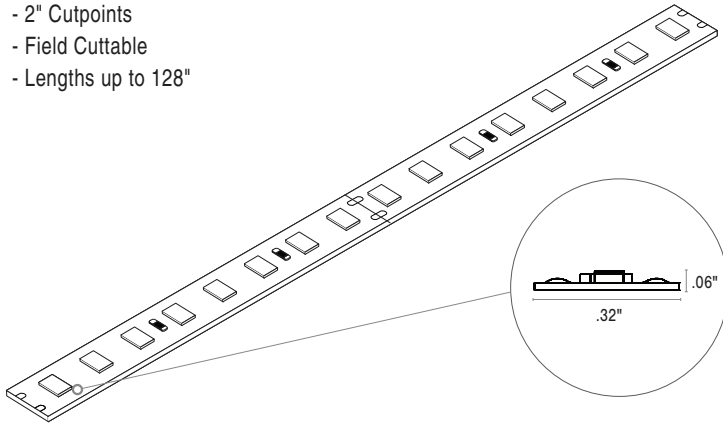
STRIP - STATIC WHITE - SW-HE24/9.0



RATED

DRY

- 2" Cutpoints
- Field Cuttable
- Lengths up to 128"



COMPATIBLE EXTRUSIONS



RESOURCE GUIDE - COLOR DATA

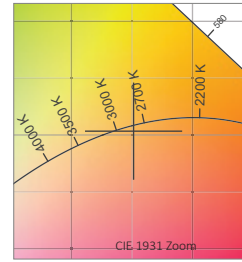
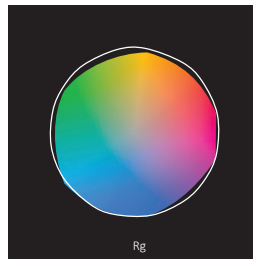
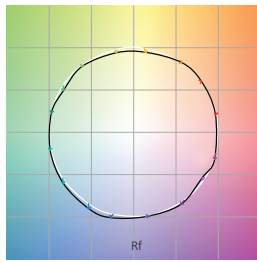
STRIP - STATIC WHITE - SW-HE24/9.0



2700K



CRI: 96.8
CRI R9: 93.1
TM30 Rf: 92.6
TM30 Rg: 99.6
CQS: 94.8
X: 0.451
Y: 0.403
U: 0.260
V: 0.349
Δuv: -0.0020



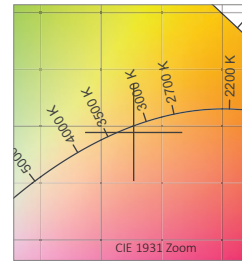
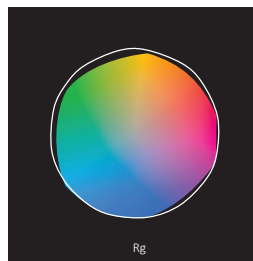
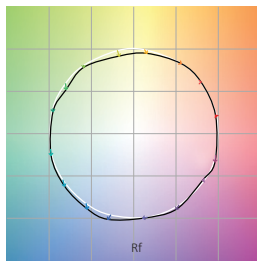
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.2	97.2	99.3	98.4	96.9	93.9	95.7	95.8	93.1	95.9	96.3	85.3	96.7	98.7	98.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.2	95.0	94.5	93.6	94.1	95.3	96.6	96.3	97.4	97.8	97.7	97.7	97.0	94.1	93.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	96.6	96.0	91.1	94.5	96.3	89.9	95.7	90.6	90.0	91.0	90.6	91.4	91.2	91.5	89.3

TM30			
Hue Bin	R _f	Chroma	Hue
1	94	-1%	2%
2	97	0%	0%
3	96	0%	0%
4	91	-4%	-3%
5	94	-4%	0%
6	96	-1%	1%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	5%
10	90	3%	6%
11	91	5%	4%
12	91	4%	-3%
13	91	0%	-6%
14	91	2%	-6%
15	92	-3%	1%
16	89	0%	-7%

3000K



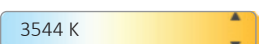
CRI: 96.8
CRI R9: 95.8
TM30 Rf: 91.6
TM30 Rg: 99.3
CQS: 94.7
X: 0.427
Y: 0.395
U: 0.248
V: 0.344
Δuv: -0.0024



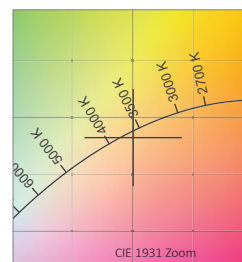
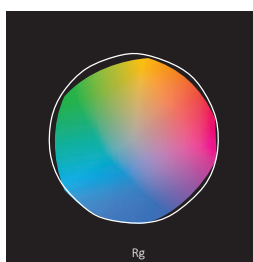
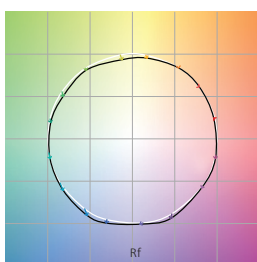
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.1	97.1	99.2	98.1	96.8	94.4	95.5	96.2	95.8	95.9	98.1	82.3	96.7	99.0	97.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.8	95.6	93.7	92.0	92.7	94.3	97.5	96.9	98.4	98.5	98.0	98.0	97.6	95.0	93.8	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.2	96.1	96.0	91.1	91.2	95.8	87.9	94.5	89.0	86.5	89.6	90.1	92.2	91.3	89.6	88.9

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-1%	2%
2	96	0%	0%
3	96	0%	-1%
4	91	-4%	-3%
5	91	-7%	-1%
6	96	-2%	1%
7	88	-5%	5%
8	95	-1%	3%
9	89	1%	7%
10	87	2%	7%
11	90	4%	5%
12	90	6%	-2%
13	92	0%	-5%
14	91	2%	-5%
15	90	-2%	-1%
16	89	1%	-8%

3500K



CRI: 97.3
CRI R9: 96.5
TM30 Rf: 91.3
TM30 Rg: 99.3
CQS: 95.3
X: 0.400
Y: 0.382
U: 0.236
V: 0.338
Δuv: -0.0027



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.7	98.0	98.7	97.9	97.2	95.7	96.2	96.6	96.5	98.4	98.8	78.6	97.7	98.5	96.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.6	97.9	92.0	90.3	92.7	95.6	97.9	98.0	98.9	98.6	98.0	98.5	98.6	97.0	95.7	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.3	96.0	95.9	92.2	90.6	95.4	90.4	92.9	88.9	85.2	86.9	91.1	93.7	91.1	89.5	89.1

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-1%	1%
2	96	0%	0%
3	96	0%	0%
4	92	-3%	-2%
5	91	-6%	-1%
6	95	-2%	1%
7	90	-4%	4%
8	93	-2%	4%
9	89	0%	7%
10	85	2%	9%
11	87	5%	7%
12	91	4%	0%
13	94	1%	-4%
14	91	4%	-4%
15	90	0%	-3%
16	89	1%	-4%

NOTES:

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

RESOURCE GUIDE - COLOR DATA

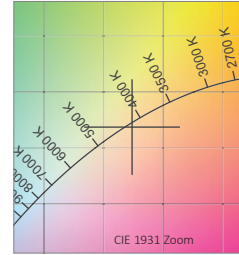
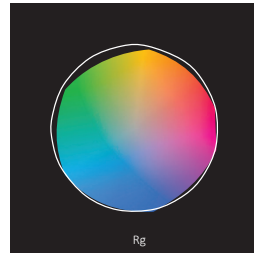
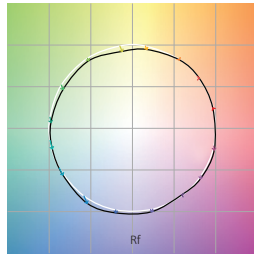
STRIP - STATIC WHITE - SW-HE24/9.0



4000K

4131 K

CRI: 96.9
CRI R9: 97.3
TM30 Rf: 89.9
TM30 Rg: 98.8
CQS: 94.2
X: 0.374
Y: 0.368
U: 0.224
V: 0.331
 Δuv : -0.0019



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.8	98.6	98.1	96.3	96.2	95.7	96.2	96.5	97.3	99.4	97.7	72.9	98.2	98.2	95.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.5	98.0	90.2	87.5	90.5	93.2	98.1	98.2	98.3	98.5	97.7	98.6	99.0	97.6	95.5	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.6	95.4	95.5	90.6	88.7	94.3	90.3	88.8	84.8	83.6	84.7	92.7	92.3	93.7	87.9	87.9

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-1%	1%
2	95	0%	0%
3	96	0%	-1%
4	91	-4%	-3%
5	89	-7%	-1%
6	94	-3%	1%
7	90	-5%	3%
8	89	-2%	6%
9	85	-1%	10%
10	84	1%	9%
11	85	5%	8%
12	93	4%	1%
13	92	3%	-2%
14	94	-1%	0%
15	88	2%	-4%
16	88	1%	-5%

NOTES:

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

RESOURCE GUIDE - CONNECTORS/WIRE

STRIP - STATIC COLOR



CONNECTORS/WIRE

BARE WIRE

- Belden Wire 22 AWG
- Outdoor rated
- 24" Standard length



BARE WIRE

DRY BARREL

- 22 AWG
- Dry rated
- 6" Standard length



MALE
INPUT CONNECTOR

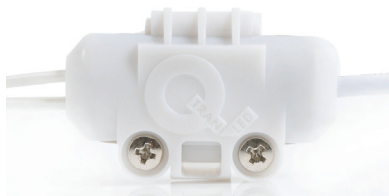


FEMALE
OUTPUT CONNECTOR

RELATED PRODUCTS



Sold: Individually



Junction Box that allows for splicing of LED Lead wires

*Full ordering guide available for this product

RELATED PRODUCTS



Sold: Individually



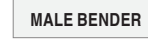
Two Females and one Male



Sold: Individually



Four Females and one Male



Sold: Individually



Connects a Male Barrel to a Male Barrel



Sold: Individually



Connects a Female Barrel to a Female Barrel

RESOURCE GUIDE - LUMEN MULTIPLIER STRIP IN EXTRUSION

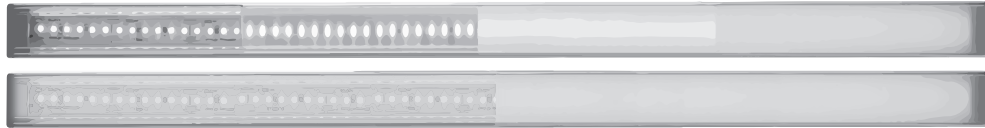


FINISH

ST Satin finish **BK** Black finish **BZ** Bronze finish

LENS

CL Clear **FR** Frosted **PR** Polar **DF** Diffused



ENC/CL Encapsulated in Clear

ENC/TL Encapsulated in Translucent

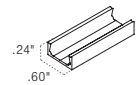
LUMEN MULTIPLIER FORMULA

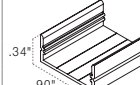
Bare LED Lumens x Extrusion Finish/Lens Value

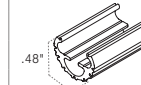
Example:

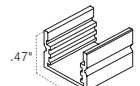
$$1159 \text{ lm/ft} \times 0.78 = 904.02 \text{ lm/ft}$$


SW24/9.0 at 30K x WIDE Extrusion in Black with CL Lens

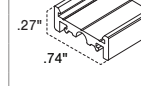
SLIM	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.90	0.82	Not Available
	DF	0.70	0.59	Available

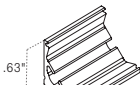
WIDE	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.86	0.78	0.78
	PR	0.80	0.72	0.72
	DF	0.73	0.59	0.59

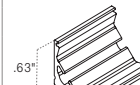
ROND	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.84	**	Not Available
	FR	0.81	**	Not Available
	DF	0.57	**	Available

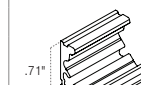
VEGA	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.89	Not Available	Not Available
	DF	0.70	0.59	Available

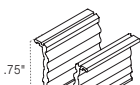
TORQ	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.74	0.68	0.68
	FR	0.66	0.68	0.68
	PR	0.62	0.64	0.64
	DF	0.50	0.32	0.32

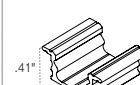
TRE3	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	DF	0.78	Not Available	Not Available
	CL	0.84	**	Not Available

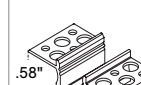
ARKA	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.96	0.95	0.95
	FR	0.91	0.93	0.93
	PR	0.88	0.90	0.90
	DF	0.79	0.66	0.66

TELA	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.86	0.85	0.85
	PR	0.86	0.86	0.86
	DF	0.79	0.78	0.78
	FR	0.66	0.68	0.68

VEVE	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.83	0.70	Not Available
	FR	0.76	0.63	Not Available
	PR	0.74	0.58	Not Available
	DF	0.63	0.44	Not Available

FLUR	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.71	0.51	Not Available
	FR	0.59	0.43	Not Available
	PR	0.55	0.37	Not Available
	DF	0.44	0.25	Available

LATO	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.85	0.69	0.69
	FR	0.77	0.63	0.63
	PR	0.76	0.60	0.60
	DF	0.64	0.45	0.45

MDIN	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	DF	0.57	Not Available	Not Available
	CL	0.84	**	Not Available

 Diode free or near Diode free

NOTES: • Data subject to change, all data has +/- 5% tolerance