

# RESOURCE GUIDE - BUILDING A FIXTURE

## STRIP - STATIC WHITE - SW-IA/5.0

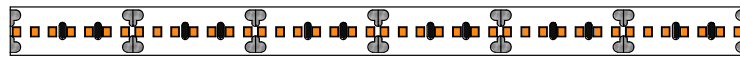


### BUILDING A FIXTURE

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

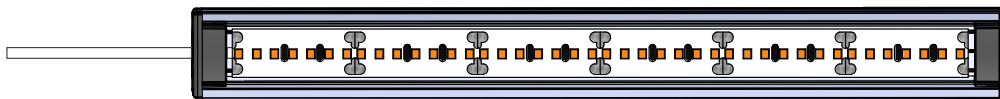
V/WATTS	RATED	CCT - LUMENS/CRI	<sup>3</sup> CONNECTOR/ WIRE IN	<sup>3</sup> CONNECTOR/ WIRE OUT	ILLUMINATED LENGTH (IN)
SW-IA24/5.0	DRY	27	BW	CLS	MATCH

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)
TORQ	ST	SST	CL	S1	12"



# RESOURCE GUIDE - LINEAR & EXTRUSION

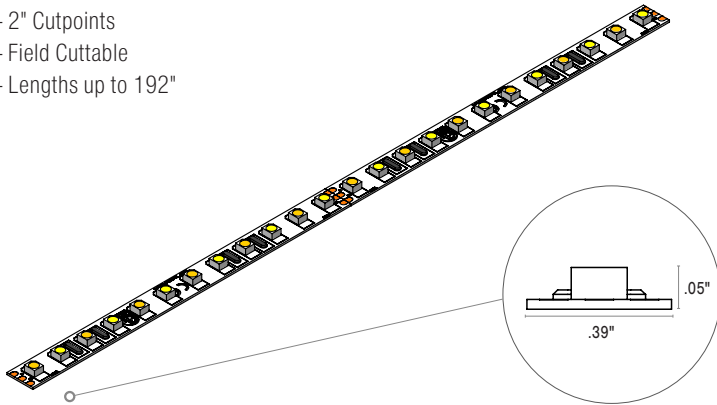
## STRIP - STATIC WHITE - SW-IA/5.0



### RATED

#### DRY

- 2" Cutpoints
- Field Cuttable
- Lengths up to 192"



### COMPATIBLE EXTRUSIONS



# RESOURCE GUIDE - COMPATIBILITY

## STRIP - POWER SUPPLIES & CONTROL



APPLICATION	PRODUCTS	FUNCTION				CONTROL					MOUNTING			STRIP							
		Dim to Black	1%	10%	Non-Dim	DMX	0-10V	Phase	DALI	ECO System	Surface	Recessed	Direct Burial	Static White			Dynamic White	Static Color		Dynamic Color	
														SW	SW	SW-IA	DW	SC	RGB	RGBW	
														24/	24/	24/	24/	24/	24/	24/	
1.5-4.0	5.0-7.5	5.0	6.0	5.0	5.3	6.0															
INDOOR	iQ-PH	✓*						✓			✓			✓	✓			✓			
	iQ-PH+QD1	✓*						✓			✓			✓	✓			✓			
	QJB-DC			✓				✓			✓			✓							
	QJBL-DC			✓				✓			✓			✓							
	Q6S-DC			✓				✓			✓			✓							
	Q6M-DC+CAP	✓						✓			✓			✓	✓			✓			
	QTM-DC			✓				✓			✓			✓							
	QTM-DC+CAP	✓						✓			✓			✓	✓			✓			
	QTM-eLED		✓					✓			✓	✓		✓	✓			✓			
	QTM-eLED+DMX		✓			✓					✓	✓				✓		✓	✓	✓	
	QTM-ELED+WD		✓					✓			✓	✓				✓					
	QTM-ELED+AW		✓					✓			✓	✓				✓					
	QTM-ELED+IA		✓			✓					✓	✓			✓						
	QTM-DRIVE		DMX & DALI			✓	✓		✓		✓	✓			✓	✓		✓	✓	✓	✓
	QTM-eLED(E)		✓						✓		✓	✓			✓	✓		✓			
	QTM-eLED(L)		✓					✓			✓	✓			✓	✓		✓			
iQ-D010-96-20		✓					✓			✓				✓	✓		✓				
iQ-ND-96-20					✓					✓				✓	✓		✓				
OUTDOOR	iQ-PH	✓*						✓			✓			✓	✓			✓			
	QOM-DC			✓				✓			✓			✓							
	QOM-DC+CAP	✓						✓			✓			✓	✓			✓			
	QOM-eLED		✓					✓			✓			✓	✓			✓			
	QOM-eLED+DMX		✓			✓					✓					✓		✓	✓	✓	
	QOM-eLED+WD		✓					✓			✓					✓					
	QOM-eLED+AW		✓					✓			✓					✓					
	QOM-eLED+IA		✓			✓					✓				✓						
	QOM-DRIVE		DMX & DALI			✓	✓		✓		✓				✓	✓		✓	✓	✓	✓
	QOM-PH	✓*						✓			✓				✓	✓		✓			
	Q-SET-eLED		✓					✓				✓			✓	✓		✓			
	Q-SET-mLED			✓				✓				✓			✓						
	Q-HEX-Mini-DC			✓				✓				✓			✓						
	iQ-ND-50-65					✓					✓				✓	✓		✓			
POOL & SPA	QOM-eLED-PS		✓				✓				✓			✓	✓			✓			
	QOM-DRIVE-PS		DMX & DALI			✓	✓		✓		✓			✓	✓		✓	✓	✓	✓	
	QOM-PH-PS	✓*						✓			✓			✓	✓		✓				

**NOTES:** \* Requires Dimmer with low end trim  
 • See power supplies cut sheets for more information  
 • Data subject to change, all data has +/- 5% tolerance

# RESOURCE GUIDE - COLOR DATA

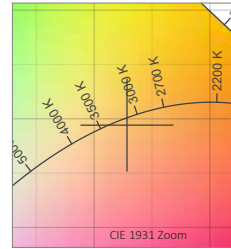
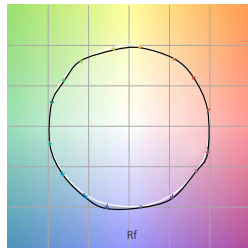
## STRIP - STATIC WHITE - SW-IA/5.0



3000K

3071 K

**CRI:** 97.8  
**CRI R9:** 95.8  
**TM30 Rf:** 93.4  
**TM30 Rg:** 101.1  
**CQS:** 94.9  
**X:** 0.428  
**Y:** 0.394  
**U:** 0.249  
**V:** 0.344  
 **$\Delta uv$ :** -0.0028



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.8	98.3	98.1	99.2	98.0	95.9	97.3	97.5	95.8	98.6	96.9	83.8	97.6	97.9	98.1	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
93.8	96.8	91.4	91.6	94.6	97.9	94.6	95.9	97.6	96.7	96.6	97.0	97.1	95.5	95.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.3	97.0	96.0	94.7	92.9	96.8	92.5	97.9	92.7	89.4	89.8	90.9	94.1	91.8	91.4	89.1

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	96	0%	1%
4	95	-2%	-1%
5	93	-4%	0%
6	97	1%	1%
7	92	-2%	3%
8	98	0%	1%
9	93	0%	5%
10	89	1%	6%
11	90	3%	6%
12	91	6%	0%
13	94	2%	-3%
14	92	4%	-4%
15	91	0%	-2%
16	89	2%	-8%

**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

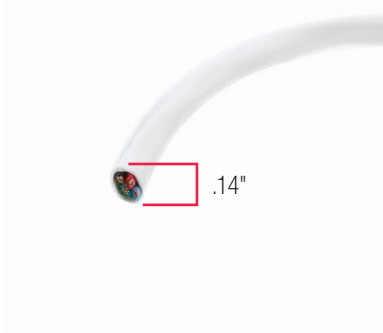
## STRIP - STATIC WHITE - SW-IA/5.0



### CONNECTORS/WIRE

#### BARE WIRE

- Belden Wire
- Indoor rated
- 24" Standard length



# RESOURCE GUIDE - LUMEN MULTIPLIER STRIP IN EXTRUSION

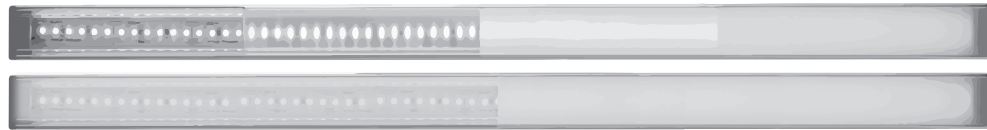


## FINISH

**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

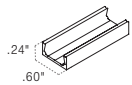
## LUMEN MULTIPLIER FORMULA

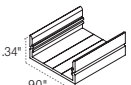
Bare LED Lumens x Extrusion Finish/Lens Value

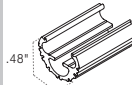
Example:

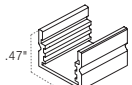
$$374 \text{ lm/ft} \times 0.75 = 280.5 \text{ lm/ft}$$

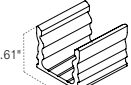
SW-IA24/5.0 at 3000K x TORQ Extrusion in Black with FR Lens

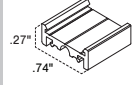
SLIM	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.91	0.83	Not
	DF	0.74	0.62	Available

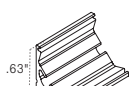
WIDE	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.91	0.83	**
	PR	0.85	0.77	**
	DF	0.78	0.63	**

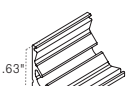
ROND	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.85	**	**
	FR	0.80	**	Not
	DF	0.57	**	Available


VEGA	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	1.00	Not	Not
			Available	Available

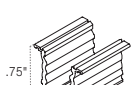
TORQ	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.87	0.80	**
	FR	0.73	0.75	**
	PR	0.71	0.73	**
	DF	0.61	0.39	**
	ENC/CL	0.65	0.80	**
	ENC/TL	0.56	0.60	**

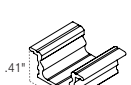
TRE3	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	DF	0.81	Not	Not
			Available	Available

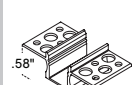
ARKA	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.97	0.96	**
	FR	0.93	0.95	**
	PR	0.90	0.92	**
	DF	0.82	0.69	**


TELA	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.87	0.86	**
	PR	0.88	0.88	**
	DF	0.82	0.81	**

VEVE	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.90	0.76	
	FR	0.81	0.67	Not
	PR	0.81	0.64	Available
	DF	0.72	0.50	

FLUR	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.83	0.60	
	FR	0.66	0.48	
	PR	0.62	0.42	Not
	DF	0.53	0.30	Available
	ENC/CL	0.64	0.00	
	ENC/TL	0.49	0.00	

LATO	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	CL	0.91	0.74	**
	FR	0.81	0.66	**
	PR	0.81	0.64	**
	DF	0.71	0.50	**
	ENC/CL	0.78	0.71	**
	ENC/TL	0.64	0.48	**

MDIN	Lens	Finish		
		Satin (ST)	Black (BK)	Bronze (BZ)
	DF	0.56	Not	Not
			Available	Available

 Diode free or near Diode free

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

# RESOURCE GUIDE - COMPATIBILITY

## STRIP & EXTRUSION



### STRIP AND EXTRUSION COMPATIBILITY

EXTRUSIONS	STATIC WHITE 1.5 - 7.5 W/ft				DYNAMIC WHITE 6.0 W/ft				STATIC COLOR 5.0 W/ft				RGB 5.3 W/ft				RGBW 6.0 W/ft				
	DRY	DMP	WET	ENC	DRY	DMP	WET	ENC	DRY	DMP	WET	ENC	DRY	DMP	WET	ENC	DRY	DMP	WET	ENC	
SLIM	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
WIDE	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✗	✓	✓	✓	✓	✗
ROND	✓	✓	✗	✗	✓	✓	✗	✗	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
VEGA	✓	✓	✗	✗	✓	✓	✗	✗	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
TORQ	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗
TRE3	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✗	✓	✓	✗	✗	✗
ARKA	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✗	✓	✓	✗	✗	✗
TELA	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✗	✓	✓	✗	✗	✗
VEVE	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✗	✓	✓	✗	✗	✗
FLUR	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗
LATO	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗
LALO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓
MDIN	●	●	●	✗	✓	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗

- ✓ = NOT Compatible with 6.0 & 7.5 strips
- ✓ = Wet rated but with no lens
- = Compatible ONLY with 1.5, 3.0 strips
- ✓ = Compatible
- ✗ = NOT Compatible