

# RESOURCE GUIDE - BUILDING A FIXTURE

## STRIP - STATIC WHITE - SW24/6.0

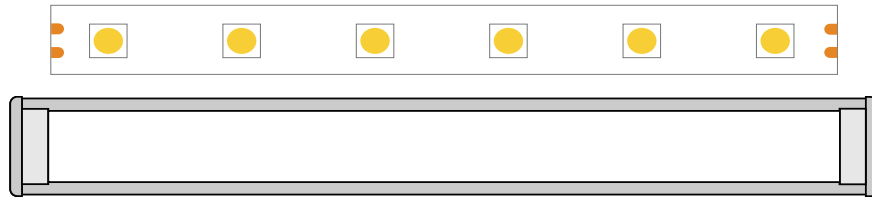


### BUILDING A FIXTURE

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

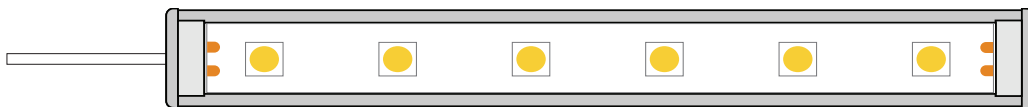
V/WATTS	RATED	CCT - LUMENS/CRI	<sup>3</sup> CONNECTOR/ WIRE IN	<sup>3</sup> CONNECTOR/ WIRE OUT	ILLUMINATED LENGTH (IN)
SW24/6.0	DRY	30	BW	CLS	MATCH

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)
TORQ	ST	SST	CL	S1	12"



# RESOURCE GUIDE - BUILDING A FIXTURE

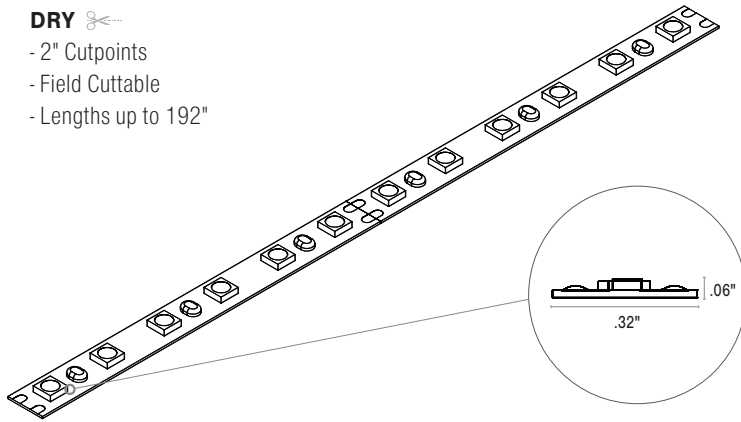
## STRIP - STATIC WHITE - SW24/6.0



### 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
														24/1.5-4.0	24/5.0-7.5	24/5.0	24/6.0	24/5.0	24/5.3	24/6.0
INDOOR	iQ-PH	✓*						✓			✓			✓	✓			✓		
	iQ-PH+QD1	✓*						✓			✓			✓	✓			✓		
	QJB-DC			✓				✓			✓			✓						
	QJBL-DC			✓				✓			✓			✓						
	Q65-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

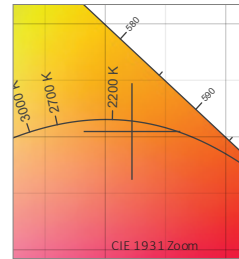
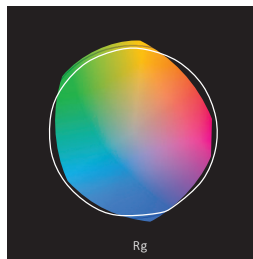
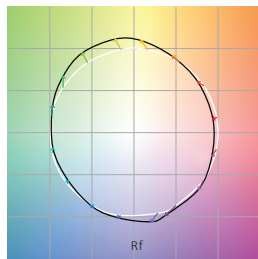
## STRIP - STATIC WHITE - SW24/6.0



### 2000K



**CRI:** 92.6  
**CRI R9:** 60.0  
**TM30 Rf:** 85.1  
**TM30 Rg:** 105.9  
**CQS:** 76.0  
**X:** 0.522  
**Y:** 0.405  
**U:** 0.307  
**V:** 0.356  
**Δuv:** -0.0028



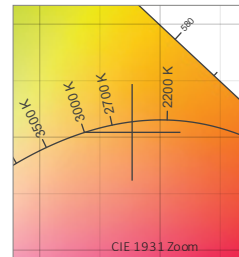
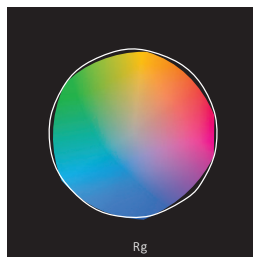
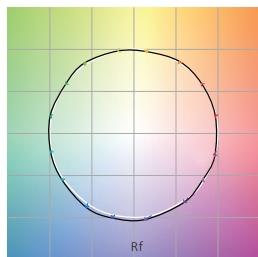
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
93.8	97.6	97.8	92.6	93.6	97.3	88.9	79.3	60.0	92.6	94.5	93.7	95.2	97.1	88.9	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
71.3	82.4	78.9	79.5	80.4	74.1	67.8	71.0	82.4	80.4	78.3	76.4	76.2	77.1	76.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
88.1	83.5	79.6	80.6	86.8	82.1	78.6	82.9	88.9	93.0	89.5	87.1	86.5	67.7	82.3	85.5

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	88	-5%	-1%
2	83	-3%	7%
3	80	1%	10%
4	81	9%	10%
5	87	14%	4%
6	82	13%	-1%
7	79	7%	-11%
8	83	1%	-12%
9	89	-2%	-5%
10	93	-3%	1%
11	89	1%	5%
12	87	3%	3%
13	86	8%	-10%
14	68	3%	-16%
15	82	1%	-12%
16	85	-4%	-8%

### 2400K



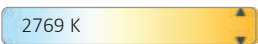
**CRI:** 95.7  
**CRI R9:** 90.9  
**TM30 Rf:** 94.0  
**TM30 Rg:** 102.1  
**CQS:** 92.6  
**X:** 0.477  
**Y:** 0.404  
**U:** 0.276  
**V:** 0.352  
**Δuv:** -0.0033



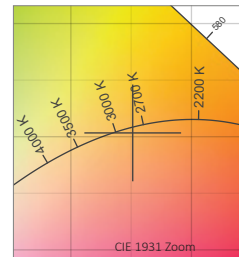
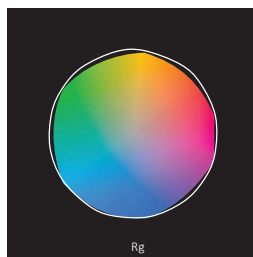
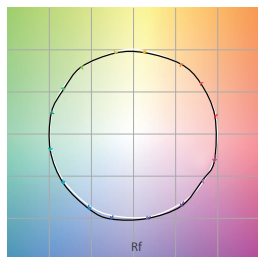
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
96.7	96.3	98.5	97.4	95.8	91.6	94.8	94.7	90.9	93.8	93.3	85.3	95.8	98.8	99.2	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.5	92.7	93.2	93.5	94.8	94.4	91.0	91.6	94.0	94.9	94.3	93.7	93.0	90.2	91.8	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.5	96.4	94.4	94.7	95.6	94.3	95.5	96.7	94.9	95.2	92.4	91.5	89.2	88.4	94.3	90.4

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	95	-1%	1%
2	96	0%	1%
3	94	1%	1%
4	95	-1%	-2%
5	96	0%	1%
6	94	2%	1%
7	96	0%	1%
8	97	2%	0%
9	95	1%	2%
10	95	2%	2%
11	92	5%	2%
12	92	4%	-3%
13	89	3%	-9%
14	88	2%	-7%
15	94	-1%	-1%
16	90	-1%	-6%

### 2700K



**CRI:** 97.4  
**CRI R9:** 91.6  
**TM30 Rf:** 94.3  
**TM30 Rg:** 100.9  
**CQS:** 95.2  
**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	
97.9	98.2	98.7	98.5	97.9	95.3	96.6	95.9	91.6	98.1	95.6	88.1	97.6	98.1	99.1	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
93.5	95.7	93.5	93.9	96.1	97.2	94.6	95.7	97.8	96.9	97.1	97.2	96.8	94.6	94.5	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.6	97.3	96.4	94.6	95.7	96.8	93.6	97.7	94.7	92.9	92.3	91.4	92.7	91.6	93.7	89.6

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

**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

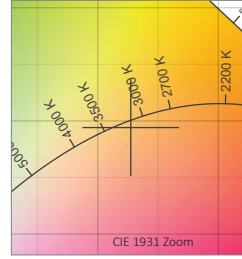
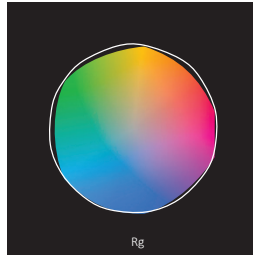
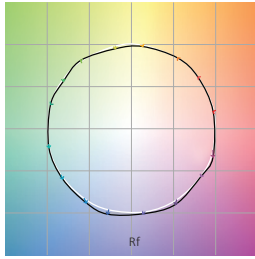
## STRIP - STATIC WHITE - SW24/6.0



### 3000K

3089 K

**CRI:** 97.8  
**CRI R9:** 94.1  
**TM30 Rf:** 93.9  
**TM30 Rg:** 101.3  
**CQS:** 95.2  
**X:** 0.427  
**Y:** 0.394  
**U:** 0.249  
**V:** 0.344  
**Δuv:** -0.0027



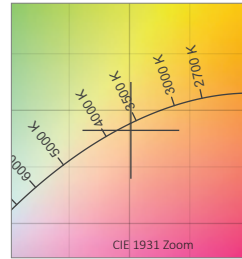
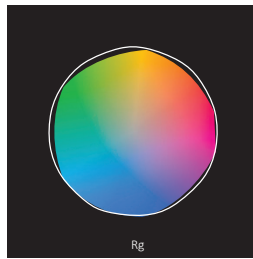
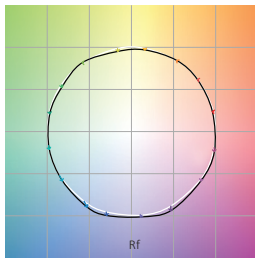
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.0	98.5	98.0	98.9	98.3	96.1	97.2	97.1	94.1	98.8	96.5	85.5	97.9	97.9	98.7	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.5	97.0	91.8	92.3	95.6	97.8	94.6	96.1	97.7	96.6	96.7	97.1	97.1	95.6	95.5	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.7	97.2	96.0	95.6	93.5	96.8	93.3	98.1	93.9	90.9	90.6	91.1	94.1	91.7	91.9	89.1

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

### 3500K

3527 K

**CRI:** 98.0  
**CRI R9:** 95.2  
**TM30 Rf:** 93.0  
**TM30 Rg:** 100.7  
**CQS:** 95.7  
**X:** 0.401  
**Y:** 0.382  
**U:** 0.236  
**V:** 0.338  
**Δuv:** -0.0028



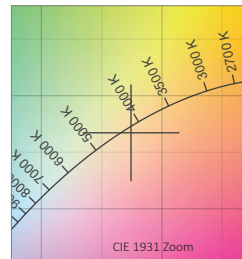
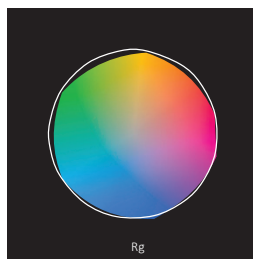
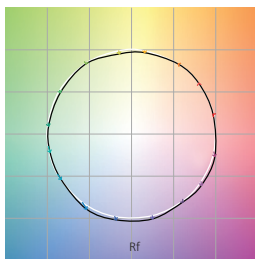
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.4	99.0	97.3	99.3	98.3	96.4	97.6	97.5	95.2	98.6	97.6	81.5	98.6	97.7	98.1	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
95.5	98.9	91.0	91.0	95.0	98.1	96.3	97.7	98.4	97.3	97.2	97.9	98.3	97.4	97.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.8	96.9	95.5	94.2	93.0	97.0	94.2	96.0	92.6	88.6	87.6	91.1	95.0	91.7	91.2	90.3

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	95	-1%	0%
2	97	0%	0%
3	95	0%	1%
4	94	-2%	0%
5	93	-3%	0%
6	97	0%	1%
7	94	-2%	2%
8	96	-1%	2%
9	93	0%	5%
10	89	1%	7%
11	88	4%	7%
12	91	4%	1%
13	95	2%	-2%
14	92	5%	-4%
15	91	1%	-3%
16	90	1%	-5%

### 4000K

4107 K

**CRI:** 97.9  
**CRI R9:** 98.0  
**TM30 Rf:** 92.0  
**TM30 Rg:** 100.6  
**CQS:** 94.8  
**X:** 0.374  
**Y:** 0.367  
**U:** 0.225  
**V:** 0.331  
**Δuv:** -0.0027



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.3	99.2	96.0	99.0	97.7	95.6	98.9	98.7	98.0	97.0	97.5	76.4	98.9	97.1	96.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
95.3	99.5	88.7	88.3	93.1	96.5	96.5	98.2	97.2	96.6	96.4	97.6	98.6	98.1	97.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.6	96.5	95.5	93.0	91.6	96.1	94.6	93.3	89.5	87.1	85.2	91.8	94.1	94.6	89.6	89.4

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	95	0%	0%
2	97	0%	0%
3	96	0%	1%
4	93	-2%	0%
5	92	-4%	0%
6	96	-1%	1%
7	95	-2%	2%
8	93	-1%	3%
9	90	-1%	7%
10	87	0%	7%
11	85	4%	8%
12	92	4%	3%
13	94	4%	-1%
14	95	1%	0%
15	90	3%	-3%
16	89	2%	-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 WHITE



### 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

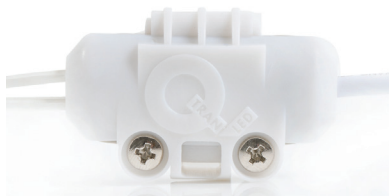


FEMALE  
OUTPUT CONNECTOR

### 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



### LUMEN MULTIPLIER FORMULA

Bare LED Lumens x Extrusion Finish/Lens Value

Example:

$$485 \text{ lm/ft} \times 0.68 = 329.8 \text{ lm/ft}$$

SW24/6.0 at 3000K x TORQ Extrusion in Black with FR Lens

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

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

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

TORQ	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(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	Black	Bronze
		(ST)	(BK)	(BZ)
	DF	0.78	Not Available	Not Available
			Available	Available

ARKA	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(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	Black	Bronze
		(ST)	(BK)	(BZ)
	CL	0.86	0.85	0.85
	PR	0.86	0.86	0.86
	DF	0.79	0.78	0.78

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

FLUR	Lens	Finish		
		Satin	Black	Bronze
		(ST)	(BK)	(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	Black	Bronze
		(ST)	(BK)	(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	Black	Bronze
		(ST)	(BK)	(BZ)
	DF	0.57	Not Available	Not Available
			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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓
TALO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓
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