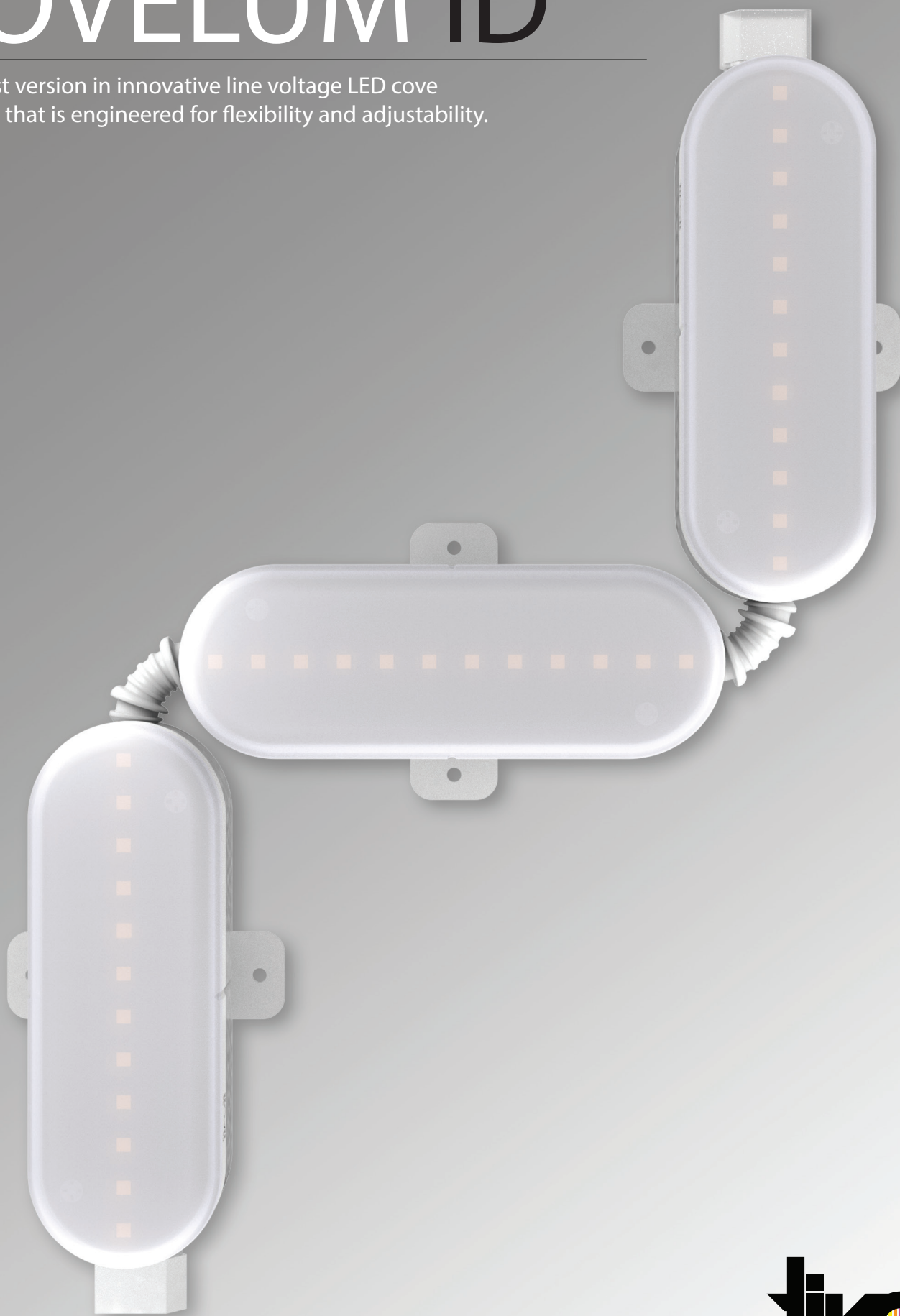


# COVELUM ID






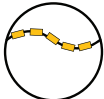


---






The latest version in innovative line voltage LED cove solution, that is engineered for flexibility and adjustability.

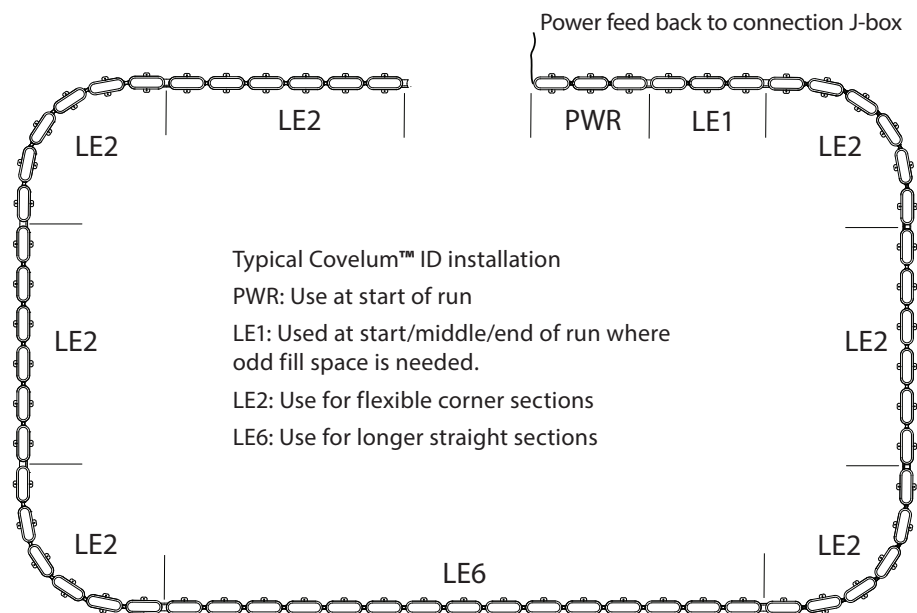


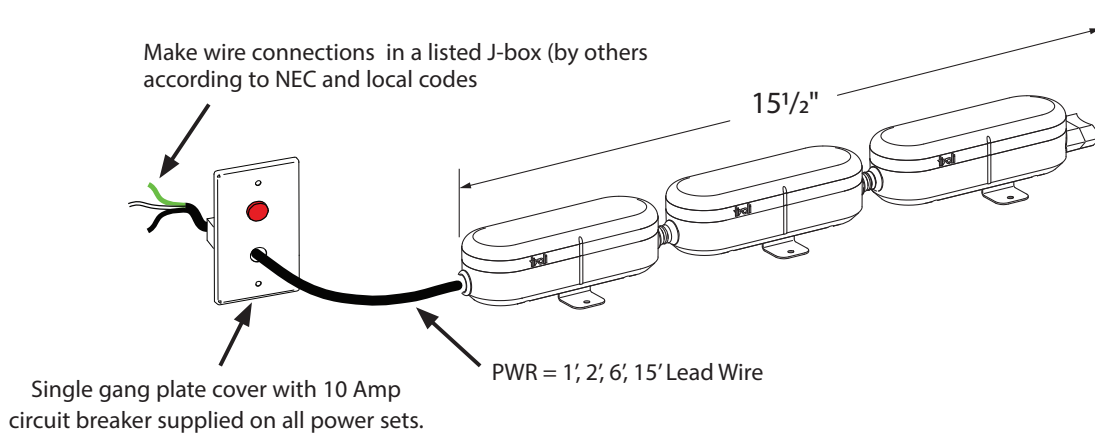
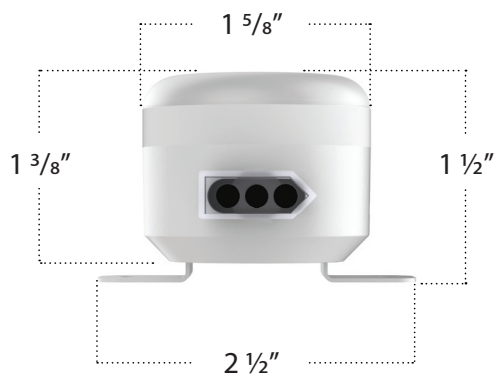
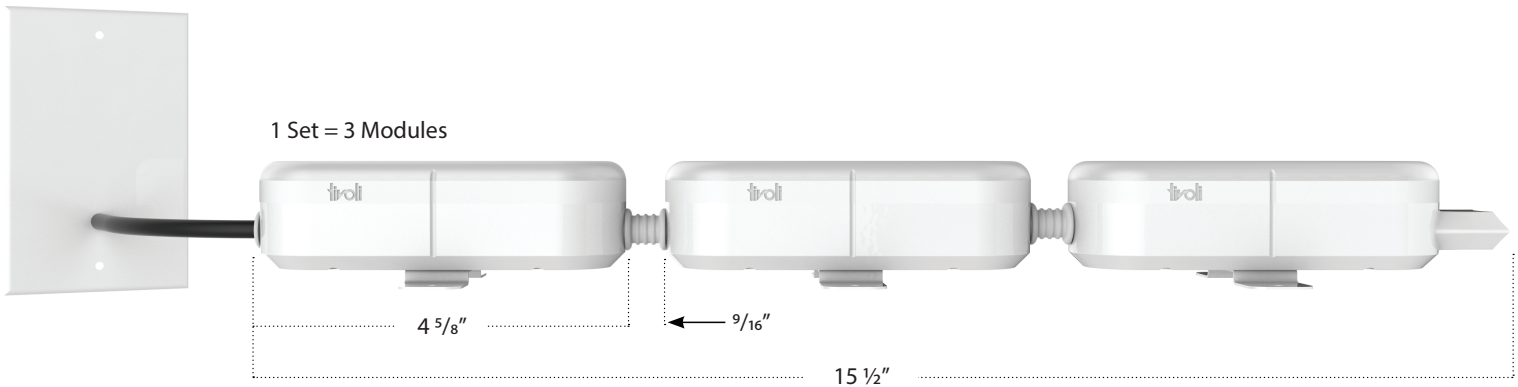
**tivoli**



-   
 5.6W/Set  
376LM/Set
-   
 Cove
-   
 High CRI
-   
 Dimmable
-   
 IP54
-   
 Flexible
-   
 120V
-   
 Warranty

-   
 2200K
-   
 2500K
-   
 2700K
-   
 3000K
-   
 3500K
-   
 4000K



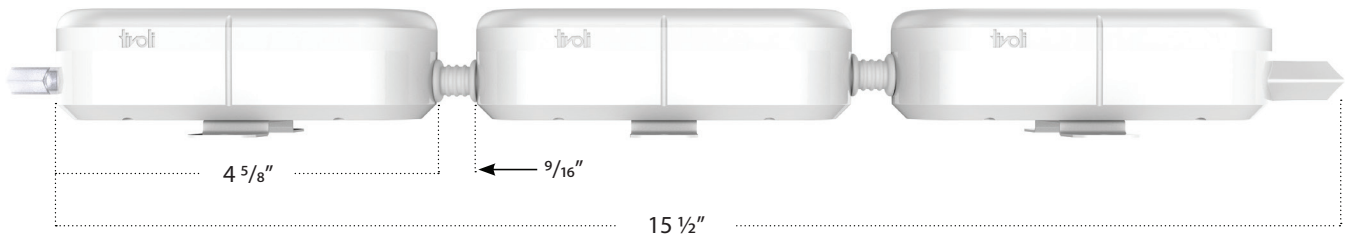


**Power Set Order Guide**

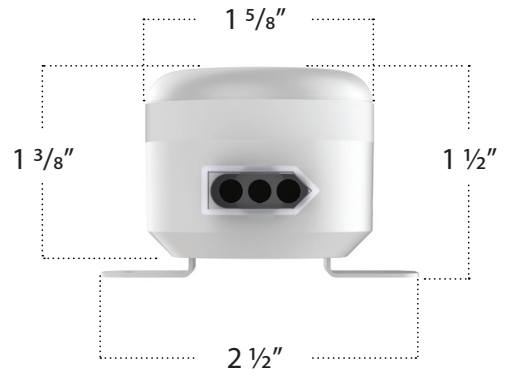
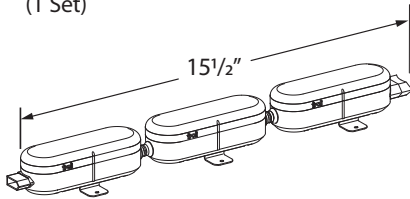
**NOTE:**  
System must have one (PWR) Power Set at start of each circuit run length.

PRODUCT CODE	LED COLOR	PREP	VOLTAGE
CVLID Covelum™ ID	22 = 2200K 25 = 2500K 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	PWR1= Power Set, 1' NOM, 1' lead wire PWR2= Power Set, 1' NOM, 2' lead wire PWR6= Power Set, 1' NOM, 6' lead wire PWR15= Power Set, 1' NOM, 15' lead wire	120 120 = 120V

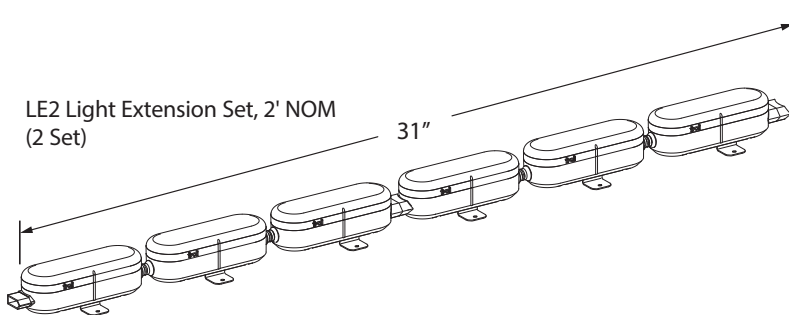
1 Set = 3 Modules



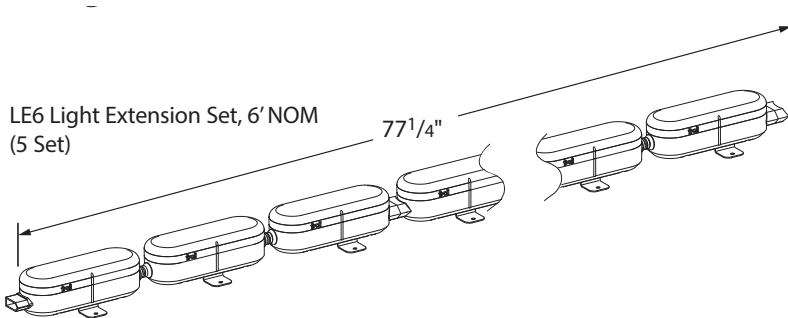
LE1 Light Extension Set, 1' NOM  
(1 Set)



LE2 Light Extension Set, 2' NOM  
(2 Set)



LE6 Light Extension Set, 6' NOM  
(5 Set)



**Light Extension Set Order Guide**

**NOTE:**

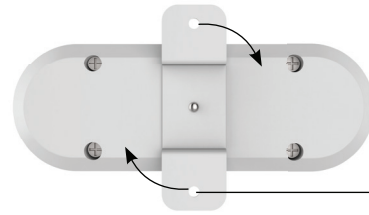
Light Extension Sets (LE) are flexible and have integral connections on both ends for easy run length connection.

PRODUCT CODE	LED COLOR	PREP	VOLTAGE
<b>CVLID</b> Covelum™ ID	22 = 2200K 25 = 2500K 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	LE1 = 1' NOM light extension (15.5") 1 set LE2 = 2' NOM light extension (31") 2 set LE6 = 6' NOM light extension (77.25") 5 set	120 120 = 120V

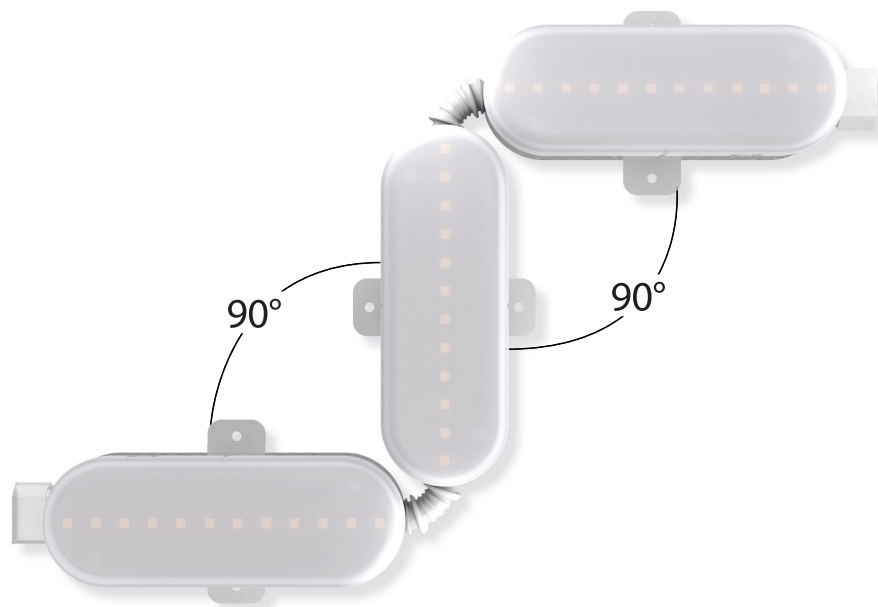
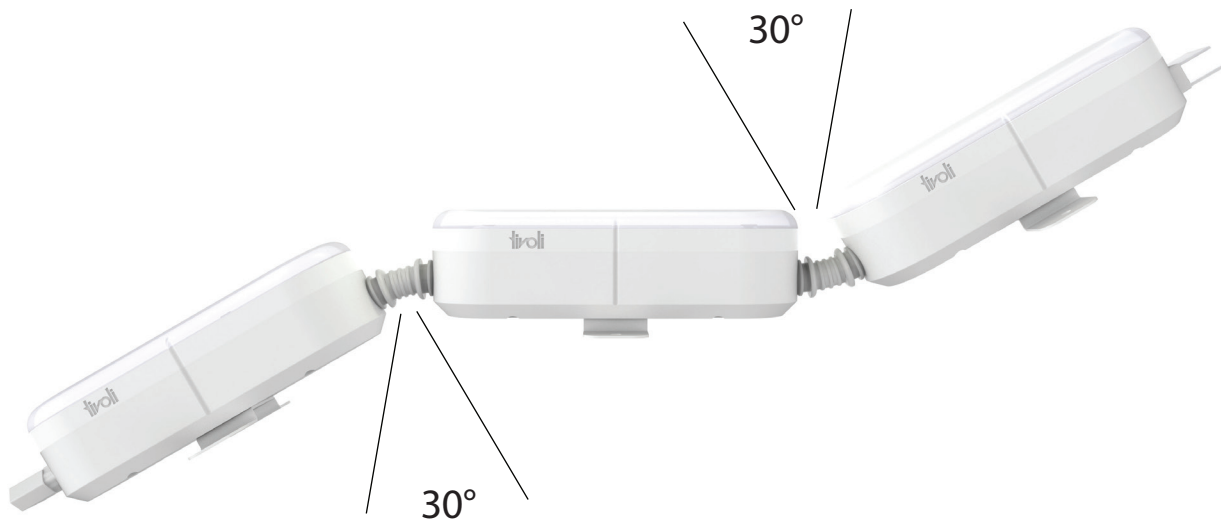
## Mounting Information

### Swivel Mounting Feet

All Covelum™ ID modules include integrated swivel mounting feet. Each unit can be mounted in various positions and swivel mounting feet can be bent to allow angled surface applications.



**SWIVEL MOUNTING FEET**  
Hole Size 1/8"



## Replacement Parts



**\*DESIGNER MODEL PCB**  
**CVLID-PCB-22**  
 2200K  
**CVLID-PCB-25**  
 2500K  
**CVLID-PCB-27**  
 2700K  
**CVLID-PCB-30**  
 3000K  
**CVLID-PCB-35**  
 3500K  
**CVLID-PCB-40**  
 4000K



REPLACEMENT LENS  
**CVLID-LENS-F**  
 Frosted Lens (1PC)



REPLACEMENT LENS  
**CVLID-LENS-C**  
 Clear Lens (1PC)



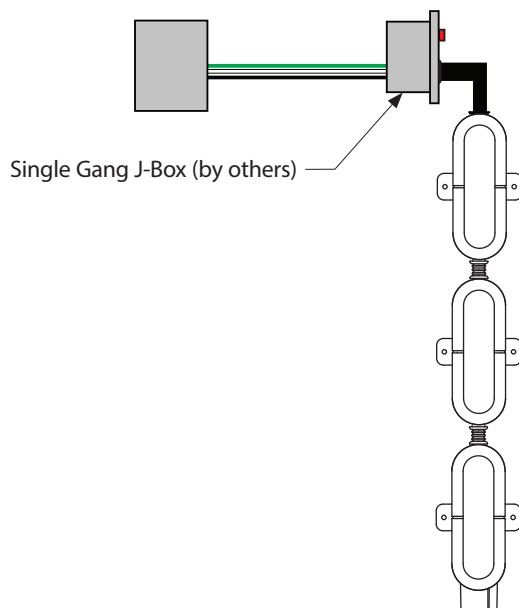
**MOLEX JUMPER CABLES**  
**CVL120-JUMPER-1**  
 Male/Female - 1' length  
**CVL120-JUMPER-2**  
 Male/Female - 2' length  
**CVL120-JUMPER-4**  
 Male/Female - 4' length  
**CVL120-JUMPER-8**  
 Male/Female - 8' length

## Recommended Step-Down Transformers

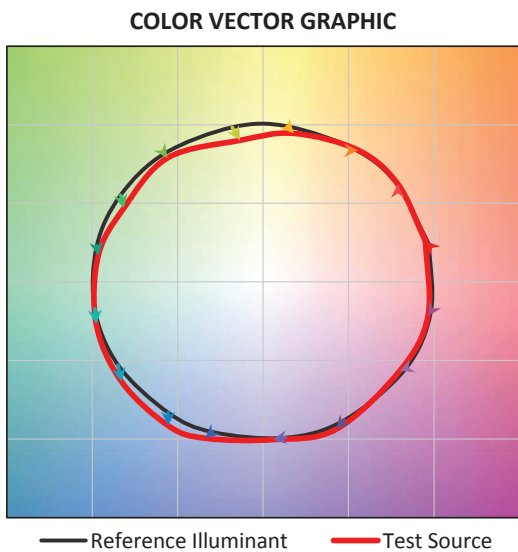
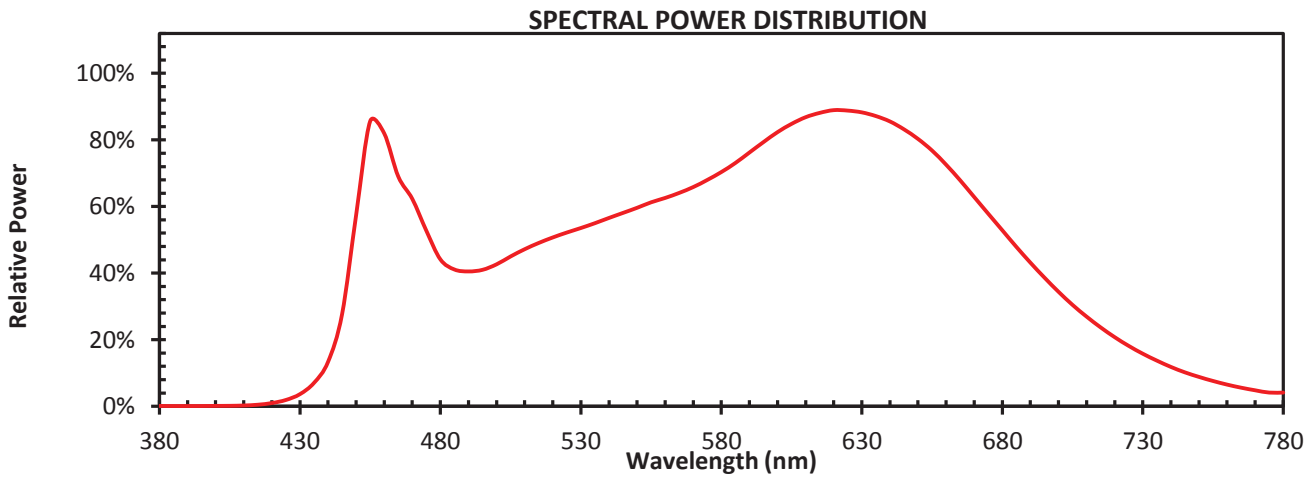
CATEGORY NUMBER	TRANSFORMER	RATED VA	LISTING	DIMENSIONS
SC-250-277120A-SD	Step-Down Transformer 0.25 KVA 277V AC Primary / 120V AC Secondary	0.25 KVA	UL	3.30"W x 8.00"L x 3.1"D
SC-500-277120A-SD	Step-Down Transformer 0.5 KVA 277 V AC Primary / 120V AC Secondary	0.5 KVA	UL	5.10"W x 10.20"L x 4.60"D
SC-1000-277120A-SD	Step-Down Transformer 1 KVA 277 V AC Primary / 120 V AC Secondary	1 KVA	UL	5.06"W x 10.19"L x 4.59"D

**NOTE:**  
 Tivoli recommends to load transformer no more than 90% capacity based on unknown installation environment.

For installation leave no less than 6" perimeter for ventilation. Consult power supply installation instructions for specifics.



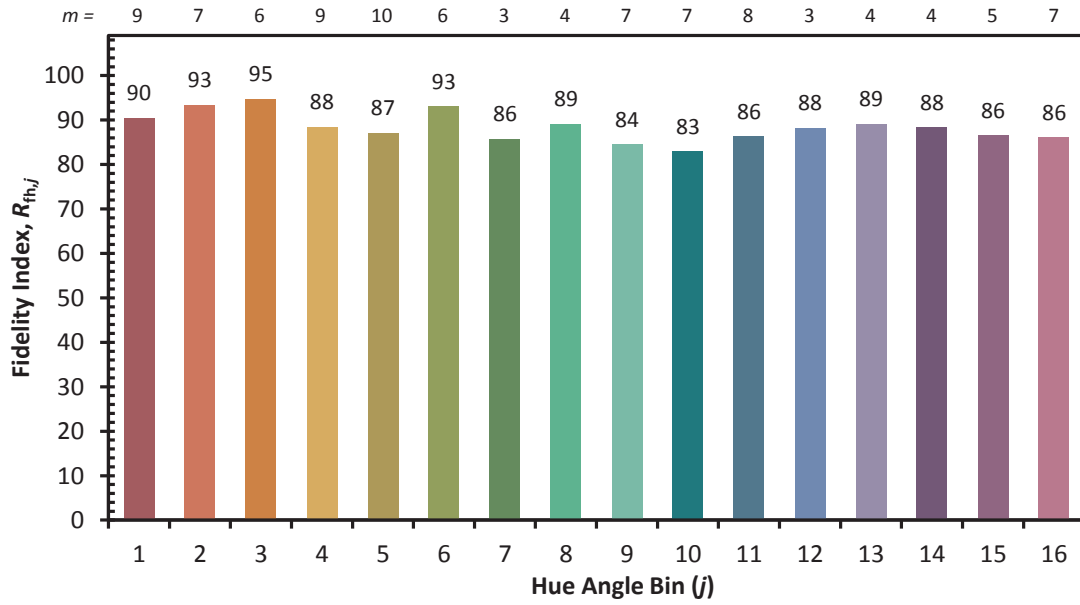
IESNA TM-30-15



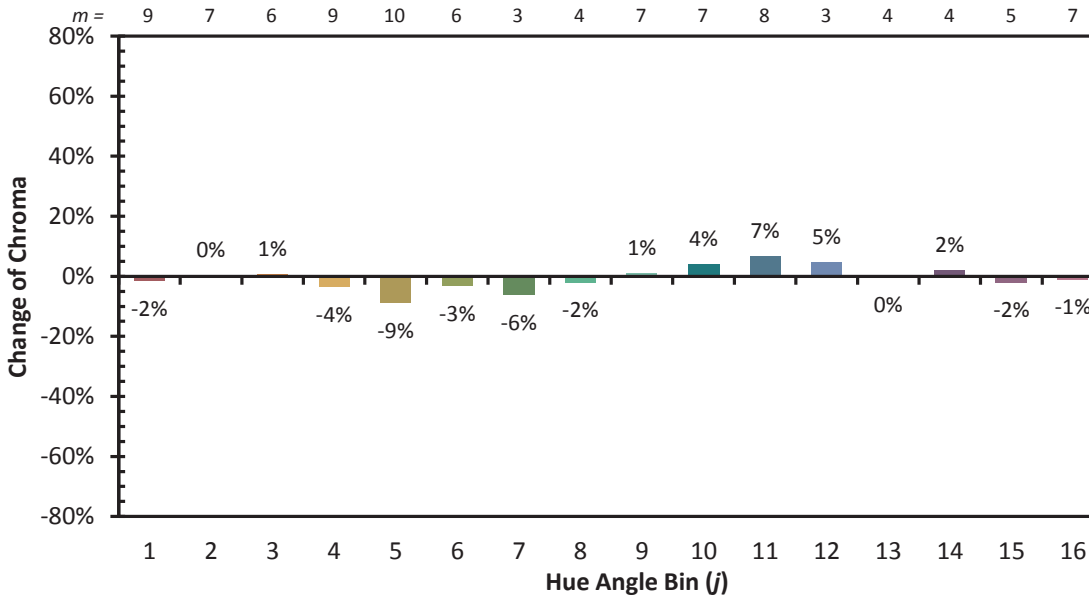
HUE BIN	$R_f$	CHROMA % SHIFTS	HUE % SHIFTS
1	90	-2%	3%
2	93	0%	1%
3	95	1%	-1%
4	88	-4%	-5%
5	87	-9%	-3%
6	93	-3%	0%
7	86	-6%	6%
8	89	-2%	6%
9	84	1%	10%
10	83	4%	10%
11	86	7%	5%
12	88	5%	-3%
13	89	0%	-7%
14	88	2%	-7%
15	87	-2%	-3%
16	86	-1%	-3%

IESNA TM-30-15

Hue Angle Bin vs. Fidelity Index

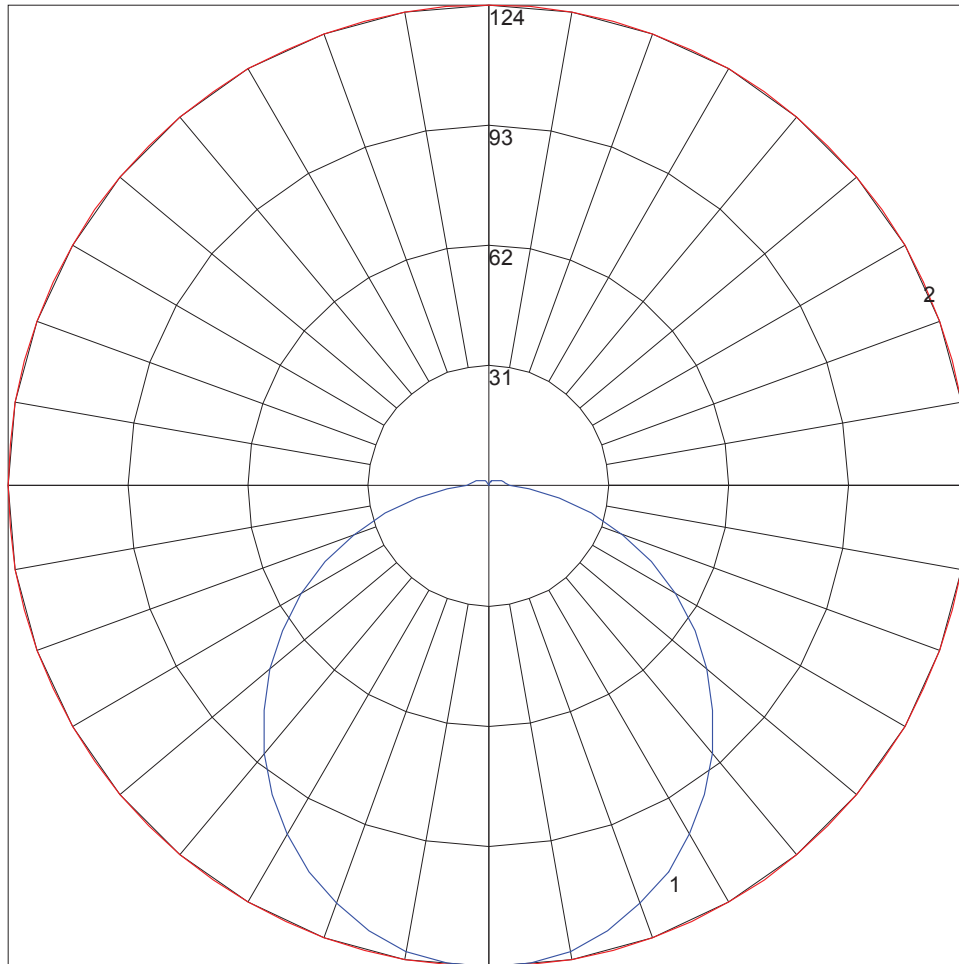


Hue Angle Bin vs. Change of Chroma





Photometric Data (Based on 3500K / (1) Power Set @ (3) Modules)



Maximum Candela = 124.17  
Located At Horizontal Angle = 0  
Vertical Angle = 0  
#1 Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)  
#2 Vertical Cone Through Vertical Angle (0) (Through Max. Cd.)

Electrical & Photometric Data (Based on 3500K / (1) Power Set @ (3) Modules)						
Input Voltage	120V DC					
Dimming Option	Triac					
Power Consumption	5.55 W/Set					
Power Factor (PF)	0.8					
Color Temperature (CCT)	2200K	2500K	2700K	3000K	3500K	4000K
Lumen Output/Set	332	346	353	363	375	411
Efficacy/Set	60	63	64	66	68	75
Color Rendering Index (CRI)	93					
R9	94.64					
TM-30-15 Fidelity Index ( $R_f$ )	88					
TM-30-15 Gamut Index ( $R_g$ )	98					

Physical	
PCB O.C. Spacing (Average)	23/64"
LEDs/Module	12
Operating Temperature	-40°F (-40°C) ~ +140°F (+60°C)
Environment	IP54 (Protected from limited dust ingress & water spray)
Maximum Run Length	185'
Recommended Maximum Run Length	132' (Based on 1.1% lumen drop at full brightness, 10% at full dimmed)
Order Increment	15.5", 31", 77.25"

Performance	
Certification	ETL Listed
Lumen Maintenance (L70) Hours	60,000
Warranty	5 Years