

PROJECT NAME

TYPE

QTY



# CVIC-24V-14.4W-CT-160(2835)

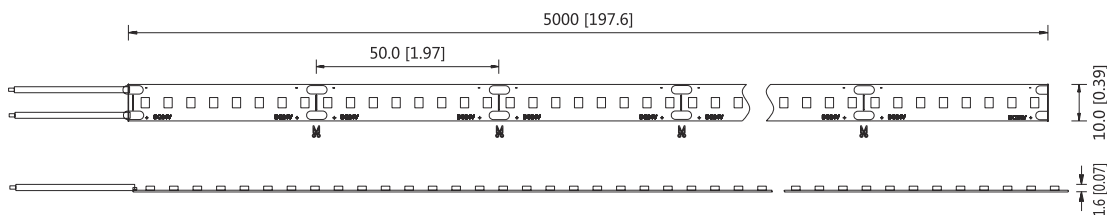
<b>IP22</b> RATED	<b>IP44</b> RATED	<b>IP67</b> RATED			

Model No.	Light Color	Color Temperature/ Wavelength(K/nm)	Beam Angle	Typical Luminous Flux(lm/m)	Ra	(lm/W)	Voltage (V DC)	Power (W/m)
CVIC-24V-14.4W-CT-160(2835)	W	2600-2800	120°	1757	90+	122	24	14.40
		2800-3200		1786		124		
		3800-4300		1872		130		
		4700-5300		1886		131		
		5800-6800		1901		132		

Model No.	Light Color	Color Temperature/ Wavelength(K/nm)	Beam Angle	Typical Luminous Flux(lm/m)	Ra	(lm/W)	Voltage (V DC)	Power (W/m)
CVIC-24V-14.4W-CT-160(2835)	W	2600-2800	120°	1627	95+	113	24	14.40
		2800-3200		1656		115		
		3800-4300		1742		121		
		4700-5300		1771		123		
		5800-6800		1786		124		

Unit: mm[inch]

CVIC-24V-14.4W-CT-160(2835)



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LAST UPDATE  
31 | 03 | 2020

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### Photometrics Data

# ORDERING OPTIONS

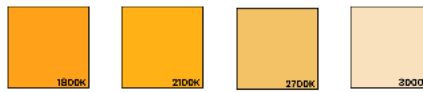
CVIC-24V-14.4W-CT-160(2835)

#### LENGTH



5m      25m      Custom

#### COLOUR TEMPERATURE



1800K      2000K      2700K      3000K



3500K      4000K      5000K      6000K



6300K      Other

#### IP RATING

**IP20**    **IP44**    **IP65**    **IP67**    **IP68**  
 RATED    RATED    RATED    RATED    RATED

IP20      IP44      IP65      IP67      IP68

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Amplifier power supply rated power (W): P  
 Product rated power (W): P(strip)  
 Amplifier load:M(pcs)  
 Product max run: MAX

$$M = \frac{P \times 0.8}{P_{(strip)} \times MAX}$$

For example: the product is MN2110-280-24-CW, P(strip)=5W/m, the max run MAX=10m, the power supply is 400W,

Amplifier load:

$$M = \frac{P \times 0.8}{P_{(strip)} \times MAX} = \frac{400 \times 0.8}{5 \times 10} \doteq 6(\text{pcs})$$

Note:

- 1.The controller's power supply must be consistent with the controller's power requirements.
- 2.The amplifier must be added to drive the product if the controller is more than 20 meters away from the product, see above.
- 3.The sample above powered in single-feed

**NOTE:**

1. Test environment temperature : 25±2°C.
2. Figures above are typical figure Actual figures could be different with typical figures, and the data is subject to change without notice.
3. Luminous flux above is single-color single-light tested resul
4. D ferent color temperature or wavelength will make luminous flux different.
5. Max run is in single fee
6. max run refers to operating length at UL class II @100W.24V.
7. Power tolerance within ±10
8. Cutting marks see profile drawing bel .

Model No.	Power(W)	No Brightness Difference Max Run(m)	UL Max Run(m)	TA(°C)	Operating Temp MAXTc(°C)
CV-24V-14.4W-CT-160	14.40	5	5.5	-20~+60	---