

LED Driver (with Dimming Control and 10Vdc Output)

DC to DC Constant Current Power Supply 3.7 ~ 52Watts

CC3512H Series

Features :

Wide Input Voltages from 11VDC to 40VDC
 DC Output with Constant Current
 Waterproof Design - IP66,NEMA4
 For Dry, Damp Locations
 Convection Cooled in plastic housing
 FCC A compliant
 Three Year Warranty

Applications :

LED Light Fixture
 LED Signage
 LED Architectural Lighting
 LED Industrial Lighting
 LED String Lighting
 LED Task Lighting

Specifications :

Input Range : 12~36Vdc , Detail input. to see below table..	Dimming current draw: < 0.5mA , 10V output : 7.5mA
DC Output Range : To see below table	Operation Temp. : -40°C ~ +50°C , Tc : 70 °C
Efficiency : 90% Tpy.	Storage Temp. : -40°C ~ +85°C
Output Current Regulation : ±5%	MTBF(@25°C) : >100,000 Hours, MIL-217F
Protection : SCP - Auto Recovery	FCC A,IP66 , NEMA4.
Dimming Source (Yellow wire) : Capable of up to 10 units	Weight : 80 Grams Typical

Model : CC3512H-cccc (-350 ,700 , 1000,1400 ,1750 ,2000)

DC Input Voltage	DC output working Voltage	Output Constant Current	Watts Max.	DC Input Voltage	DC output working Voltage	Output Constant Current	Watts Max.
36Vdc	7 ~32V	350mA	11.2W	20Vdc	5 ~17.5V	350mA	6.2W
30Vdc	6 ~ 26.5V	350mA	9.3W	15Vdc	4 ~13V	350mA	4.6W
24Vdc	5.5 ~21.5V	350mA	7.5W	12Vdc	3.5 ~10.5V	350mA	3.7W

36Vdc	7.5 ~31.5V	700mA	22W	20Vdc	4.5 ~17V	700mA	12W
30Vdc	6 ~ 26.5V	700mA	18.6W	15Vdc	4 ~13V	700mA	9.1W
24Vdc	5 ~21V	700mA	14.7W	12Vdc	3.5 ~10V	700mA	7W

36Vdc	9 ~31.5V	1000mA	31.5W	20Vdc	4 ~17V	1000mA	17W
30Vdc	7 ~ 26.5V	1000mA	26.5W	15Vdc	4 ~12.5V	1000mA	12.5W
24Vdc	5 ~20.5V	1000mA	20.5W	12Vdc	4 ~9.5V	1000mA	9.5W

36Vdc	3 ~31V	1400mA	43W	20Vdc	3 ~17V	1400mA	23.8W
30Vdc	3 ~ 26V	1400mA	36.4W	15Vdc	3 ~12.5V	1400mA	17.5W
24Vdc	3 ~21V	1400mA	29.4W	12Vdc	3 ~10V	1400mA	14W

30Vdc	3 ~ 26V	1750mA	45W	15Vdc	3 ~12.5V	1750mA	22W
24Vdc	3 ~20.5V	1750mA	36W	12Vdc	3 ~9.5V	1750mA	13.3W
20Vdc	3 ~17V	1750mA	30W				

30Vdc	3 ~ 26V	2000mA	52W	15Vdc	3 ~12V	2000mA	24W
24Vdc	5 ~20.5V	2000mA	41W	12Vdc	3 ~9.5V	2000mA	19W
20Vdc	3 ~17V	2000mA	34W				

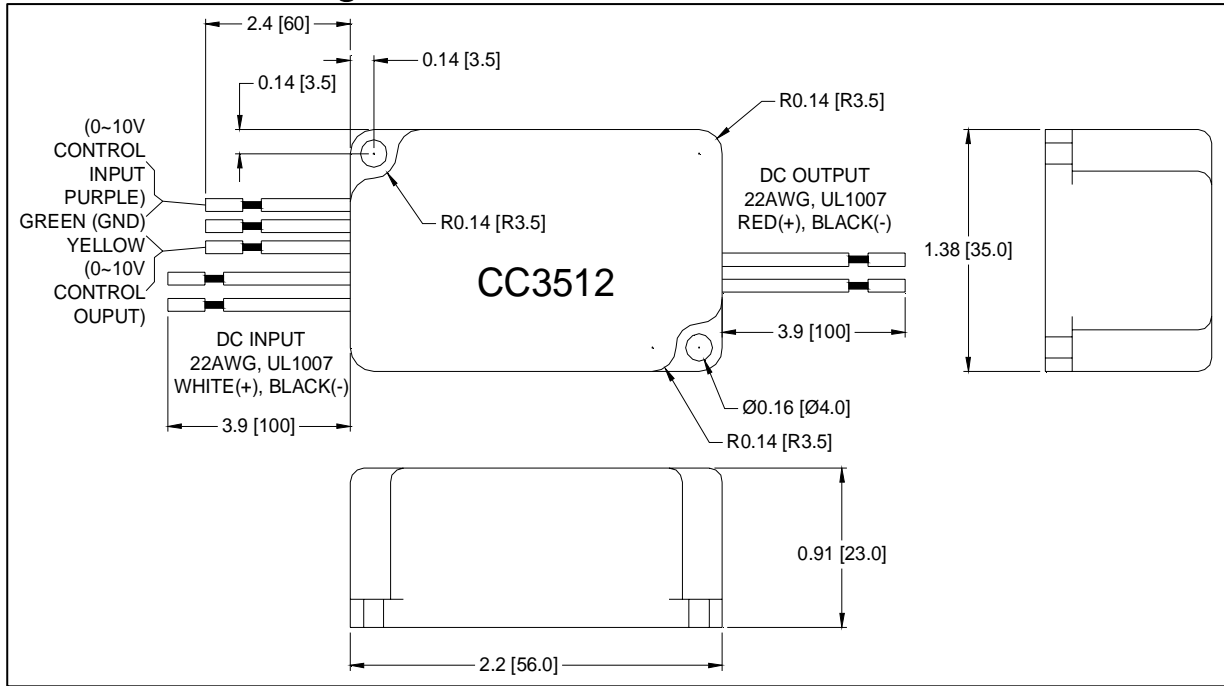
Model Information :

CC3512H-cccc (Single DC Output)

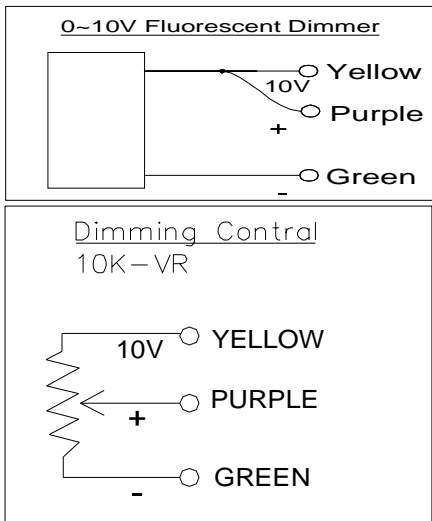
cccc = 350- 350mA ,700-700mA,..... 2000mA
Constant Current Output

H = Dimming feature ,Green/GND, Purple/ 0-10V Control Input, Yellow/ 0-10V Output (7.5mA)
Dimming control wire(Purple, Green) - Short : OFF , Open : ON , 0V : OFF , 10V : ON

Mechanical Drawing :



Dimming :



- Input -24Vdc , DC output 19V/350mA —
- Input -24Vdc , DC output 20V/1000mA —
- Input -24Vdc , DC output 20.5V/1400mA —
- Input -24Vdc , DC output 21V/2000mA —

Variable Voltage v.s Illuminate(Lux)

