

Project Name:	
Type:	

CC3512H

With Dimming Control and 10Vdc Output

PRODUCT FEATURE

- Wide Input Voltages from 11VDC to 36VDC
- DC Output with Constant Current
- Waterproof Design - IP66, NEMA4
- For Drv. Damp Locations
- Convection Cooled in plastic housing
- FCC A Compliant
- 3 Year Warranty

APPLICATIONS

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



SPECIFICATIONS

- INPUT RANGE: 12~36Vdc, details input to see below table
- DC OUTPUT RANGE: To see below table
- EFFICIENCY: 90% tpy.
- OUTPUT CURRENT REGULATION: ±5%
- PROTECTION: SCP Auto Recovery
- DIMMING SOURCE (Yellow wire): Capable of up to 10 units
- DIMMING CURRENT DRAWING < 0.5mA, 10V output: 7.5mA
- OPERATION TEMP. -40°C ~ 50°C, Tc: 70°C
- STORAGE TEMP. -40°C ~ 85°C
- MTBF(@25°C) >1000,000 hours, MIL-217F FCC A. IP66, NEMA4
- WEIGHT: 80 Grams Typical

WARRANTY

- See [Limited Warranty Policy](#) for more additional information

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

MIN. INPUT VOLTAGE	DC OUTPUT WORKING VOLTAGE	OUTPUT CONSTANT CURRENT	WATTS MAX.	MIN. INPUT VOLTAGE	DC OUTPUT WORKING VOLTAGE	OUTPUT CONSTANT CURRENT	WATTS MAX.
36Vdc	12-31	350mA	10.9	20Vdc	6-15	350mA	5.3
30Vdc	9-24	350mA	8.4	15Vdc	6-12	350mA	4.2
24Vdc	9-21	350mA	7.4				
36Vdc	10-30	700mA	21.0	20Vdc	6.5-16	700mA	11.2
30Vdc	10-26	700mA	18.2	15Vdc	3-13	700mA	9.1
24Vdc	6.5-20	700mA	14.0				
36Vdc	10-30	1000mA	30.0	20Vdc	6.5-17	1000mA	17.0
30Vdc	10-24	1000mA	24.0	15Vdc	3-10	1000mA	10.0
24Vdc	6.5-20	1000mA	20.0				
30Vdc	5-26	1400mA	36.4	15Vdc	5-11	1400mA	15.4
24Vdc	5-20	1400mA	28.0				
20Vdc	5-16	1400mA	22.4				
30Vdc	5-25	1750mA	43.8	15Vdc	5-11	1750mA	19.3
24Vdc	5-19	1750mA	33.3				
20Vdc	5-16	1750mA	28.0				
30Vdc	5-25	2000mA	50.0	15Vdc	5-10	2000mA	20.0
24Vdc	5-19	2000mA	38.0				
20Vdc	5-16	2000mA	30.0				

CC3512H

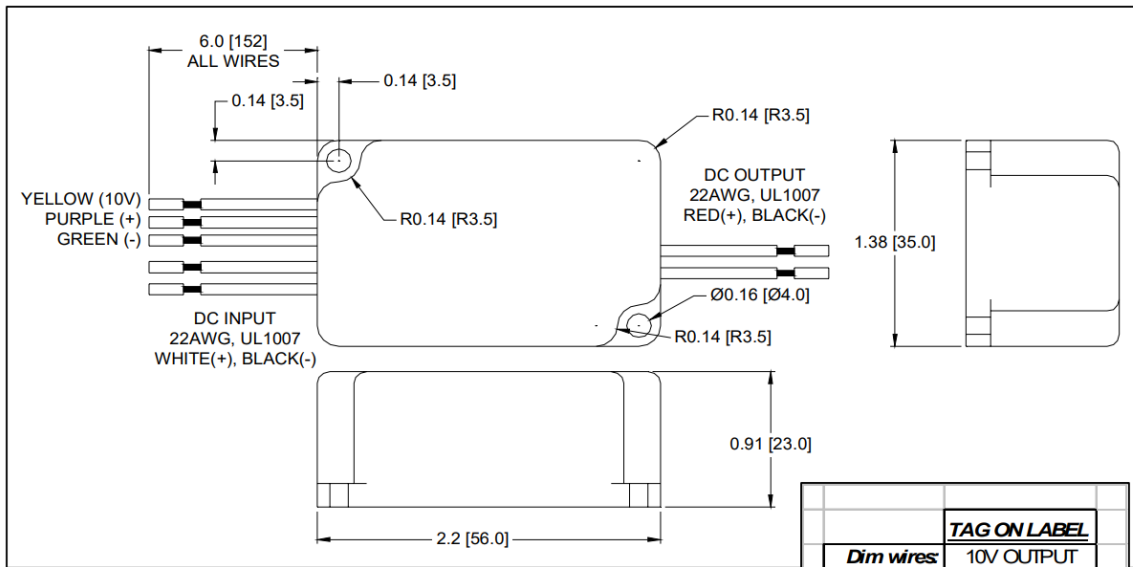
With Dimming Control and 10Vdc Output

MODEL INFORMATION

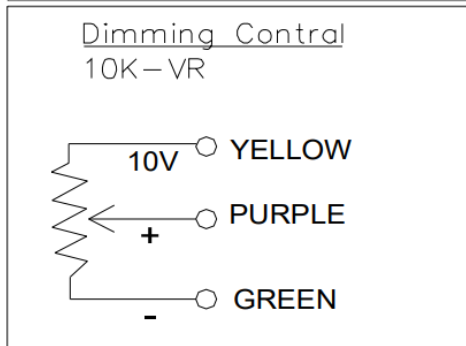
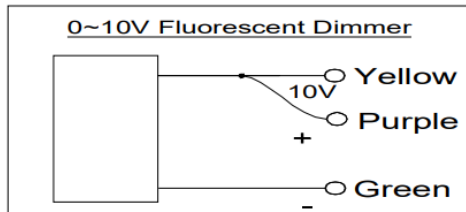
CC3512H-cccc (Single DC Output) cccc + 350 - 350mA, 700 - 700mA,..... 20000mA Constant Current Output

H + Dimming feature, Green/ RTN, 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)

