

LED Canopy UC101E-102E

35W/70W

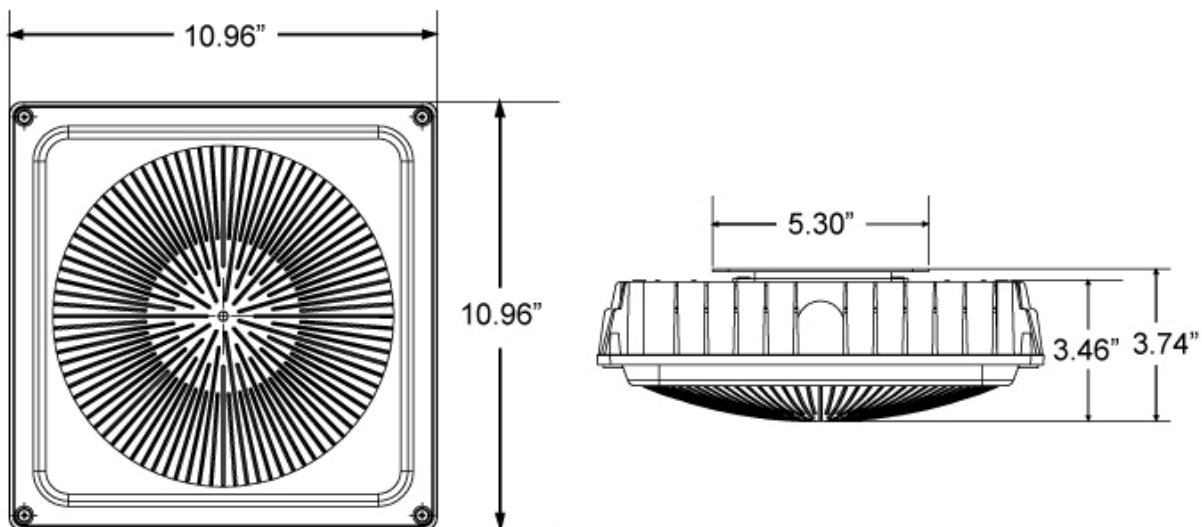
Features

- 35W / 70W LED Canopy
- High efficacy >115lm/W
- Uniform light output
- Trapezoid radiating fin structure
- Good color rendition, Ra ≥70



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

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Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	35W / 70W
Rated Voltage [V/Hz]	110-130Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	324 / 648
Model	
UC101E-35W/7XX	35W
UC102E-70W/7XX	70W
Luminous Flux [lm]	
35W	3800lm @3000K
	4000lm @4000K
	4200lm @5000K
70W	7800lm @3000K
	8000lm @4000K
	8200lm @5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	4.22 / 8.43
Luminous Efficacy [lm/W]	109-120
Color Rendering Index [Ra]	≥70
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	145
Life [Yrs] (based on 3hrs/day)	46
Lumen Maintenance at 6000hrs	>0.8
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Mechanical	

Length L [in]	10.96
Width W [in]	10.96
Height H [in]	3.74
Material	Body: Die-casting aluminium housing with anti-corrosive, thermostable finish
	Diffuser: Protection from outer strong impact
	Chips: Lumileds 3030
Standard Compliance	
ANSI	UL8750, UL1993, UL1598, C82.77-2002, C78.377-2008
FCC	FCC CFR Part 15, FCC CFR Part 18
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	N
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C