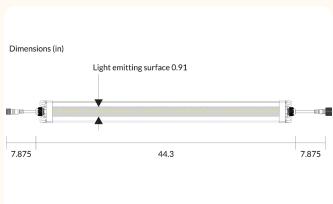


Craft to commercial, we grow better plants.





STANDARD









FEATURES

- Housing: polycarbonate, impact-resistant, IK05.
- Lamp Cover: polycarbonate with integrated LED unit.
- Seals: Age-resistant silicone seals.
- Chip: LUMILEDS high power LED, integrated LED driver.
- Installation: Suitable for ceilings, wall and pendant mounting.
- Application: Vertical Farm, Greenhouse Supplemental.

WARRANTY & LISTINGS

• 5-year warranty of all electronics and housing.

ORDERING INFORMATION

SERIES WATTAGE SPECTRUM VOLTAGE CORD OPTION (AC ONLY) CTF Universal 50 U ST 120-277VAC 6' Cord & NEMA 1-15 Plug DC 190VDC 30 HE High Efficacy 18

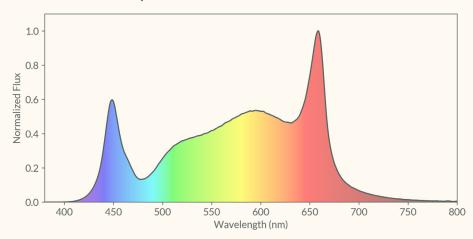


Example: CTF-50-U-ST-10U

SPECIFICATIONS

Model	CTF-50-U-ST-Nx	CTF-50-HE-ST-Nx
Input voltage	AC 100-277V 50/60Hz	AC 100-277V 50/60Hz
Input Current	0.42A@120Vac	0.42A@120Vac
Power	50W	50W
LED type	LUMILEDS 2835R	LUMILEDS 2835R
CCT	3000K/5000K	3000K/5000K+RED
PPE	2.1 PPF/J	2.68 PPF/J
Beam Angle	110°×115°	110°×115° 110°×115°
Operation Temp & Humidity	-20~45°C, 20~95%RH No condensation	-20~45°C, 20~95%RH No condensation
Storage Temp & Humidity	-20~85°C, 10~95%RH No condensation	-20~85°C, 10~95%RH No condensation

Spectral Power Distribution



PPFD at 60" Mounting Height, 2 FIXTURES

4 -								
7	142	180	173	143	141	172	182	144
	177	236	223	172	171	222	239	181
	201	274	257	195	194	257	277	207
	214	290	273	207	207	273	293	219
	212	286	271	205	204	269	289	216
	199	269	254	191	191	254	271	202
	173	231	219	167	168	219	232	176
0	138	173	167	137	137	168	173	139
0 -	0							

PPFD at 60" Mounting Height, 4 FIXTURES

4 -								
7	265	294	306	313	312	310	297	270
	337	375	394	398	398	395	379	344
	387	433	452	461	462	457	435	395
	411	460	483	490	488	486	463	417
	405	454	475	485	486	479	458	411
	381	426	446	452	453	447	432	388
	331	367	383	390	391	385	372	337
0	257	283	297	303	304	298	290	262
0 -	0							

