



LITElution 48" 50W 100-277V – Product Specifications

Product Specifications

- Model No.**
 LM48-S50-RL-1-50K-Pa-0-P12-D3-1R-SL-CR-85M0
 LM48-S50-RL-L-50K-P1-0-P12-3.CD-1R-SL-CR-85M0
 LM48-S50-RL-L-50K-M1-0-P12-D0-1R-SL-CR-85M0
- Input Voltage**
 110Vac
 100-277Vac
 100-277Vac
- Product Description : LED Luminaire 48" 50W 100-277Vac CCT 5000K
- General Application : Indoor, troffer
- Primary Use : Retrofit in 2' x 4' luminaire
- Dimensions : 61mm (H) x 1137mm (L) x 252mm (W)
- Efficacy : 108.38 LPW nominal
- Delivered Light Output : 5520 lumens nominal
- Scaled Input Power : 50W nominal
- Input Voltage : 110Vac / 100-277Vac, 50/60Hz
- CRI : > 80 CRI
- CCT : 5000K
- Power Factor : > 0.9
- Total Harmonic Distortion (current) : < 20%
- Operating Temperature Range : 25°C ±40%
- Limited Warranty : 5 years
- Mounting Method : Retrofit, Rod, Chain, Surface Mount
- LED Chip Lifetime L70 / L90 : 85,000 / 55,000 hours typical



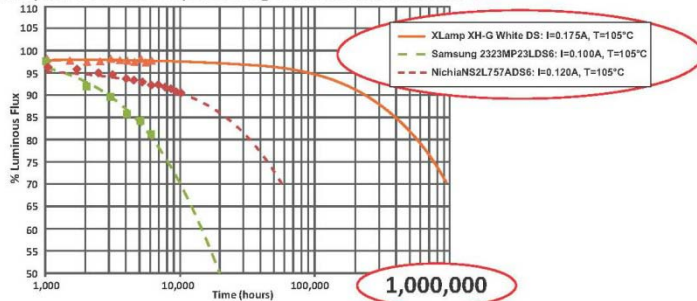
Other Advantages

- Super Durable LED's at 90% & 70% brightness, LED's have an operating life of 85,000 & 55,000 hours respectively (L70 / L90 Report)
- Low Operating Temperature at 55 degree Celsius reduces energy costs of additional temperature control mechanisms and extends the products life.
- Non-hazardous, environmentally friendly

Replaces Any Of

About CREE XLamp XH-G LED's

XLamp XH-G Provides Superior Long-Term Performance At 105°C



Current	80 mA	
Ta/Tsp	85°C	105°C
α	1.185E-06	6.892E-07
β	0.9865	0.9798
Duration	14,616	14,112
Calculated L70	>263,000	>233,000
Reported L90	77,500	>77,600
Reported L80	>87,700	>77,600
Reported L70	>87,700	>77,600

Current	175 mA	
Ta/Tsp	85°C	105°C
α	1.631E-06	3.322E-06
β	0.9870	0.9960
Duration	14,112	14,112
Calculated L70	211,000	106,000
Reported L90	56,600	30,500
Reported L80	>84,700	66,000
Reported L70	>84,700	>84,700