



MODEL:		TYPE
PROJECT:		
PREPARED BY:	DATE:	

NCFLED SERIES

The NCF series is suitable for environments where humidity and moisture is present. It provides superior light distribution.



FEATURES AND SPECIFICATIONS

INTENDED USE:

The NCFLED'S enclosed and gasketed design make it ideal for wet locations such as open parking garages, open stairwells and refrigerated areas.

CONSTRUCTION:

Lightweight, flexible and durable polycarbonate construction makes the luminaire vandal resistant and highly impact resistant.

OPTICS:

The UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that assist in the enhancement of even light distribution (clear lens optional). (8) closure clips that securely and evenly seal the luminaire.

ELECTRICAL:

Long life LEDs, coupled with high-efficiency driver, provide superior quantity and quality of illumination for extended service life. The NCFLED delivers up to 127 lumens per watt and LED Lumen maintenance of L80/50,000 hours. Driver disconnect is provided where required to comply with U.S. and Canadian codes. Thermally protected driver standard.

DIMMING:

LED drivers deliver dimming from a 0-10V control signal. Dims to 20% standard.

INSTALLATION:

Drivers and internal components are accessible from the floor in standard products. Wet location listed. Stainless steel mounting hardware for wall, ceiling, or suspended mounting. Stainless steel latches (NCFLEDSS-LATCH) available (Sold Separately). Suitable for indoor and outdoor mounting.

LISTINGS:

UL listed to US and Canadian safety standards. Damp location listed. For use in ambient operating temperatures ranging from -30°C to 40°C.

WARRANTY:

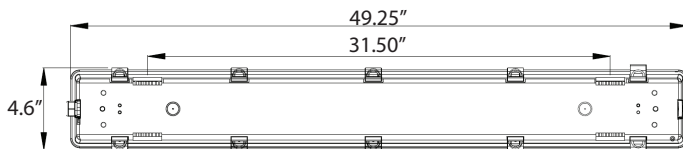
5-year limited warranty. Complete warranty terms located at:

www.tamliteusa.com/CustomerResources/Terms_and_conditions.asp

NOTE: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWING



ORDERING INFORMATION

NCFLLED	4	-48D1	L8	40
SERIES	SIZE	LUMENS & NO. OF DRIVERS	CRI	COLOR TEMP
NCFLLED	[4] : 4'	[-48D1] : 4800 Lumens	[L8] : CRI±80	[40] : 4000K [50] : 5000K

PERFORMANCE SPECIFICATIONS

Series	Lumen Package	Lumens @ 4000K	LPW @ 4000K	Lumens @ 5000K	LPW @ 5000K	Max Wattage
NCFLLED4-48D1	4800	4902	122	5095	127	40

GENERAL DRIVER INFORMATION	
Type	Constant Current
ELECTRICAL SPECIFICATIONS	
40W	
Input	
Input Voltage (VAC)	120V-277V
Frequency Range (Hz)	50-60 Hz
Input Current Max (A) Per Driver	0.5
THD @ Full Load	<20%
Efficiency @ Full Load	>86%
Inrush Current Per Driver	120VAC @ 25°C < 50Amp peak
Power Factor @ Full Load	>0.95
Output	
Output Voltage (VDC)	21-38VDC +/- 5%
Output Current (mA) Per Driver	1050mA +/- 5%
Output Ripple Current	<20% ((pk-pk/2)/mean)
Max. Output power (W) Per Driver	40W
Dimming Control 0-10v	20-100%
Load Regulation	<5%
Line Regulation	<5%
Over Current Protection	Yes
Over Load Protection	Yes
Output Short-Circuit Protection	Yes

ENVIRONMENTAL SPECIFICATIONS	40W
Ambient Range	-40°C to 85°C
MTBF	> 300,000hrs calculated @ 25°C
Max. Storage Temp.	70°C
Max. Relative Humidity	5-95% non-condensing
EMI Compliance	FCC Part 15 Class A
Sound Rating	Class A