

Model Number: **TLEDNFS14VS4KBR**

Approvals:

Accessories:

Job:

Type:

**DESCRIPTION**

TRACE\*LITE's Nyte Forms series of LED luminaires is a versatile family of unique lighting fixtures that can be utilized to satisfy multiple application requirements, from wallpacks to floodlights. All Nyte Forms luminaires are equipped with state of the art LED light engines that offer standard 0-10V dimming with excellent efficacies and lumen outputs. The superior thermal management maximizes the reliability and longevity that SSL systems can provide. The Nyte Forms Small series has an efficacy of 92 LPW with a delivered output of 1322 lumens. This performance reduces ROIs and allows the Nyte Forms series to be included on the Design Lights Consortium Qualified Products List, meeting or exceeding the efficacy requirements for various rebate programs across the country. State of the art technology combined with application versatility and design consistency makes our new Nyte Forms family of luminaires the logical choice for any project.

**SPECIFICATIONS**

**Construction:**

The TLED-NSF has a precision designed aluminum housing with stainless steel hardware, tempered glass lens, silicon gaskets and a UV resistant, thermoset polyester powder coated finish. The TLED-NFS is completely sealed with silicon gaskets and is UL listed for Wet Locations. The quick mount plate with built in bubble level allows for fast and easy installation. There is a knock-out in the top of the NSF housing to allow for the field installation of a photocontrol sensor. Thermal management is integral to the die-cast aluminum housing, with both the driver and the LED module each mounted directly to the housing in positions specifically designed to maximize heat dissipation and therefore increase the longevity reliability and performance of the TLED-NSF luminaire.

**Optics:**

The TLED-NSF series wallpack delivers exceptional light quality, with a standard correlated color temperature of 5000K, and optional CCTs of either 3000K or 4000K. The TLED-NSF LED light engine is fit with precision optical reflectors to distribute light forward and to the sides, producing an ideal wallpack distribution that maximizes fixture spacing while still delivering light where it is needed in the most efficient way possible. Producing 1322 delivered lumens, the TLED-NSF has an L70 of 50,000 hours.

**Electrical:**

The TLED-NFS includes 0-10V dimming as a standard option with LEDs powered by constant current, high efficiency Class 2 LED driver with active power factor correction (0.98 typical), Wet Location rating, all around protection against over-voltage, over-temperature, short circuit conditions, and lightning. The TLED-NFS driver has a standard voltage sensing input of 120 ~ 277VAC 50/60Hz, a Class A EMI rating, complies with UL8750 safety regulations and with ANSI/IEEE C62.41 Class A Operation. The TLED-NFS is suitable for operation in -35°C (-31°F) to 50°C (122°F) ambient conditions.

**Thermal Management:**

The LED module and driver are mounted directly to the purpose designed housing which functions as a dedicated, LEDLITElogic thermal heat sink. The heat sink is unique and has been sized to maximize the thermal dissipation of the wallpack housing. This configuration optimizes the heat removal for the LEDs and the driver, which in turn, makes possible the high efficacy, lumen output and longevity of the TLED-NFS.

**Environmentally Friendly Design:**

TLED-NFS luminaires consume very little energy and provide long life in comparison to traditional lamp technologies. The TLED-NFS consumes only 14 watts, but the light output can be conservatively compared to a 100W HID luminaire of similar design. Our manufacturing process does not utilize hazardous substances such as mercury or lead. The TLED-NFS is 100% recyclable, and provides a significant reduction in Kw load and carbon emissions.

**Installation:**

The TLED-NFS series luminaire features a back plate design that can be easily mounted to any vertical surface, and is readily wired to a recessed J-box. A 1/2" knuckle mount is included as standard for floodlighting applications. Optional tamper-resistant hardware is available for applications where there is a high rate of vandalism, theft or in high traffic public spaces.

**Photocontrol (Accessory: PC):**

Optional photocontrol provides dusk-to-dawn security. Input voltage must be specified to match the input voltage that will power the fixture.

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Includes 1/2" adjustable knuckle



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

**Specs At A Glance**

<b>WATTAGE</b>	14.4
<b>LUMENS</b>	1322
<b>EFFICACY</b>	92
<b>VOLTAGE</b>	120-277
<b>OPTICS</b>	Type II
<b>AMBIENT</b>	-35°C (-31°F) to 50°C (122°F)
<b>WARRANTY</b>	10 years
<b>LISTING</b>	UL/DLC

**Testing & Compliance:**

The reliability and performance of the TLED-NFS is evaluated in accordance with the parameters outlined and reported by LM-79 and LM-80 documents. Photometric data is tested to IESNA LM-79-08 standard by an independent testing laboratory. Lumen maintenance, L70 a measure of long term reliability, is determined for the light source, which consists of the LED and PSB sub-assembly as installed in the luminaire, is determined using LM-80 in situ thermal and reliability data as provided by the LED manufacturer in accordance with DOE/EPA standards.

**Listing:**

The TLED-NFS is UL certified under UL1598 specifications and is UL listed for Wet Locations in all mounting configurations.

**Warranty:**

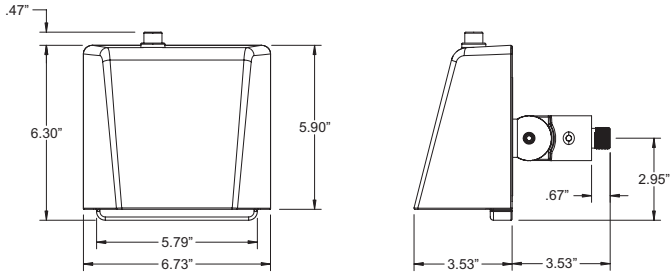
Any component that fails due to manufacturer's defect is guaranteed for 10 years. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

### Fixture Performance

Part Number	Total System Watts	Initial Lumens	Lumens Per Watt (LPW)	L70 Hours @ 25°C	BUG Ratings
TLED-NFS-14	14W	1322	92	50,000	B1-U0-G0

NOTE: Lumen maintenance and life (part of LM-80 data) are per published information from primary LED suppliers and is based on design operation at their specified thermal management and electrical design parameters.

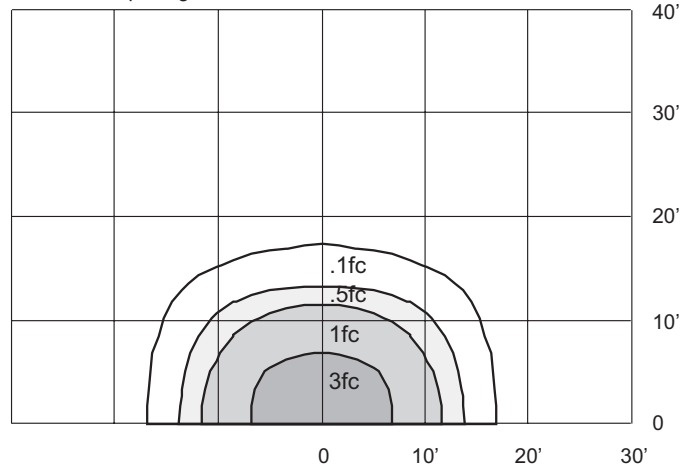
### Dimensions



Approximate Weight: 4 lbs.

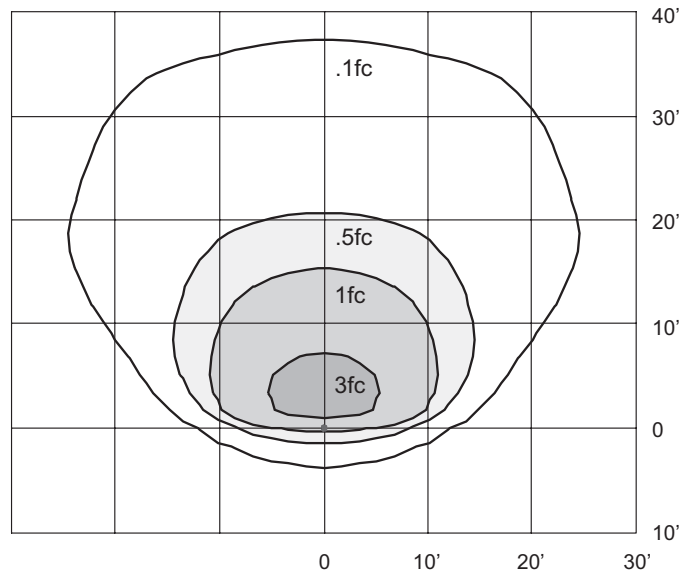
### Sample Wallpack Photometrics

TLED-NFS-14 Mounted at 10' (Type II Very Short Full Cutoff)  
Horizontal Spacing Criteria: 1.38



### Sample Floodlight Photometrics

TLED-NFS-14 Mounted at 10' with 45° Tilt



### Ordering Information

Example: TLED-NFS-14-VS-4K-BR

Series	Nominal Wattage	Input Voltage	CCT Temperature	Finish
TLED-NFS	14 = 14 Watt	VS = 120~277VAC Voltage Sensing	3K = 3000K 4K = 4000K 5K = 5000K (Std.)	BR = Bronze (Std.) WH = White

### Notes

<sup>1</sup> Order as separate line item

### Accessories<sup>1</sup> (Field Installed)

PC1 = 120VAC Photocontrol  
PC2 = 208-277VAC Photocontrol



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