

## NTE-850

### Aiden LED Track Head

Source: 10W LED  
720lm

Type

Project

Catalog No.

Notes

#### PRODUCT DESCRIPTION

Aiden is a high-lumen LED track head available in two different beam spreads and can be adjusted 350° horizontally and 90° vertically. Designed for use in retail, commercial and residential environments, heat-dissipating fins optimize heat management. Aiden is offered in various color temperatures; 2700K warm white, 3000K warm white and 4000K cool white @ 80 or 90 CRI. Aiden has one or two circuit track capability and comes in standard H-style or optional J-style. Finishes include black, white and silver.

#### FEATURES

- Over 75% energy savings when compared to incandescent
- 720lm / 10W LED output
- 2700K, 3000K or 4000K
- 80 or 90 CRI
- Integral dimmable driver
- Spot (included) and Flood (installed) optics
- 5-Year Limited Warranty

#### CONSTRUCTION

Die-cast aluminum head and body for maximum heat dissipation, with integral driver.

**Adjustability:** 350° horizontal and 90° vertical rotation

#### ELECTRICAL

**Voltage:** 120 VAC, 50/60 Hz

**Lumens / Wattage:** 720lm / 10W

**CRI:** 80+ or 90+ (must specify)

**Beam Spread:** 23° Spot included, 43° Flood installed

**Color Temperature:** 2700K, 3000K or 4000K

**Dimming:** ELV

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

#### FINISH

Available in black, silver and white finishes.

#### ONE / TWO CIRCUIT CONVERSION

Positive contact (opposite neutral and ground contacts) is preset to "down" position at factory, but may be raised to the higher position to install onto the second circuit of Nora Lighting NT-2300 series two-circuit track.

#### OPTIONAL HEAT SINK CAP

Aiden track head includes an optional heat sink cap to offer a clean "cylindrical" appearance.

#### LABELS AND LISTINGS

- cULus Listed
- [5-Year Limited Warranty](#)



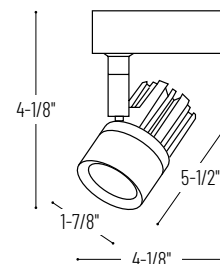
#### PRODUCT IMAGES & DIMENSIONS



Exposed Heat Sink



Heat Sink Cap (installed)



#### Aiden LED Track Head

Series	Color Temp. / CRI	Beam Spread	Lumens / Wattage	Finish	Style
<b>NTE-850L</b>	<b>27</b> = 2700K / 80 CRI	<b>X</b> = 23° Spot included / 43° Flood installed	<b>10A</b> = 720lm / 10W	<b>B</b> = Black	(blank) = H-style
	<b>927</b> = 2700K / 90 CRI			<b>S</b> = Silver	<b>/J</b> = J-style
	<b>30</b> = 3000K / 80 CRI			<b>W</b> = White	
	<b>930</b> = 3000K / 90 CRI				
	<b>40</b> = 4000K / 80 CRI				
	<b>940</b> = 4000K / 90 CRI				

#### Optional Accessories

Description
<b>NT-379B</b> = Monopoint Adapter, Black
<b>NT-379S</b> = Monopoint Adapter, Silver
<b>NT-379W</b> = Monopoint Adapter, White

Example: **NTE-850L30X10B** = 720lm / 10W Aiden LED Track Head, 3000K / 80 CRI, Black Finish

PHOTOMETRICS

Aiden LED Track Head

Type

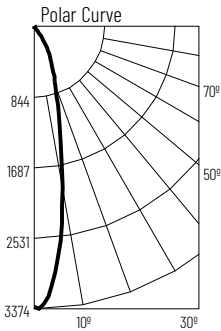
Project

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Test Information

Test Number: NTT11013  
Part Number: NTE-850L30S10AW  
Beam Spread: Spot  
Lumens: 948lm  
Wattage: 11.4W  
Efficacy: 83lpw  
CCT / CRI: 3000K / 80 CRI  
Spacing Criteria (0°-180): 0.4  
Spacing Criteria (90°-270): 0.4



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	209fc	1'-7"
6'	93.1fc	2'-6"
8'	52.4fc	3'-4"
10'	33.5fc	4'-1"
12'	23.3fc	4'-11"

Zonal Lumen Summary

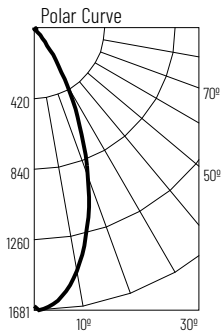
Zone	Lumens	% Luminaire
0-30	814	85.9
0-40	919	97
0-60	936	98.8
0-90	944	99.6
90-180	4	0.4
0-180	948	100

Candela Table

Vertical Angles	Candela
0	3351
5	2924
15	1175
25	510
35	168
45	11

Test Information

Test Number: NTT11013  
Part Number: NTE-850L30F10AW  
Beam Spread: Flood  
Lumens: 931lm  
Wattage: 11.8W  
Efficacy: 79lpw  
CCT / CRI: 3000K / 80 CRI  
Spacing Criteria (0°-180): 0.7  
Spacing Criteria (90°-270): 0.7



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	104fc	3'-2"
6'	46.1fc	4'-10"
8'	25.9fc	6'-4"
10'	16.6fc	7'-11"
12'	11.5fc	9'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	775	83.2
0-40	898	96.5
0-60	922	99.1
0-90	928	99.7
90-180	2	0.3
0-180	931	100

Candela Table

Vertical Angles	Candela
0	1658
5	1617
15	1220
25	634
35	192
45	17