

# NTE-850

## Aiden LED Track Head

Source: 10W LED  
800lm

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
- 800lm / 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:** 800lm / 10W

**Color Rendering Index:** 80+ or 90+ (must specify)

**Beam Spread:** 25° 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

- cETLus Listed for dry locations
- [5-Year Limited Warranty](#)



### PRODUCT IMAGES & DIMENSIONS



Exposed Heat Sink



Heat Sink Cap (installed)



Exposed Heat Sink



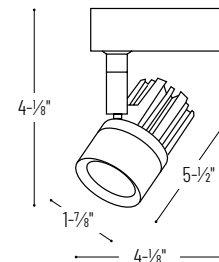
Heat Sink Cap (installed)



Exposed Heat Sink



Heat Sink Cap (installed)



## Aiden LED Track Head

Color Temperature / Color Rendering Index / Finish	Track Head Style
<b>NTE-850L27X10AS</b> = 2700K / 80 CRI / Silver Finish	(blank) = H-style
<b>NTE-850L927X10AW</b> = 2700K / 90 CRI / White Finish	<b>/J</b> = J-style
<b>NTE-850L930X10AB</b> = 3000K / 90 CRI / Black Finish	
<b>NTE-850L30X10AS</b> = 3000K / 80 CRI / Silver Finish	
<b>NTE-850L930X10AS</b> = 3000K / 90 CRI / Silver Finish	
<b>NTE-850L930X10AW</b> = 3000K / 90 CRI / White Finish	
<b>NTE-850L40X10AS</b> = 4000K / 80 CRI / Silver Finish	
<b>NTE-850L940X10AW</b> = 4000K / 90 CRI / White Finish	

## 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-850L930X10AB** = 800lm / 10W Aiden LED Track Head, 3000K / 90 CRI, Black Finish

# PHOTOMETRICS

Aiden LED Track Head

Source: 10W LED  
800lm

Type

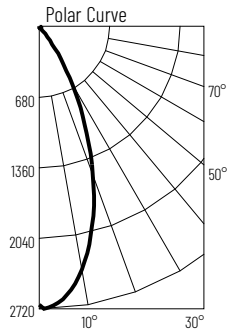
Project

Catalog No.

Notes

## Test Information

Test Number: NTT11032  
Part Number: NTE-850L930S10AW  
Beam Spread: 25° Spot  
Lumens: 821lm  
Wattage: 10.36W  
Efficacy: 79lpw  
CCT / CRI: 3000K / 90 CRI  
Spacing Criteria (0°-180): 0.42  
Spacing Criteria (90°-270): 0.42



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	168fc	1'-10"
6'	74.5fc	2'-8"
8'	41.9fc	3'-6"
10'	26.8fc	4'-5"
12'	18.6fc	5'-4"

## Zonal Lumen Summary

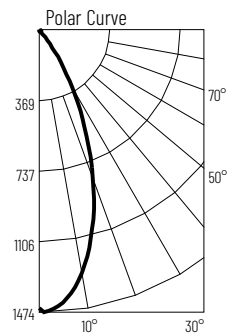
Zone	Lumens	% Luminaire
0-30	712	86.8
0-40	801	97.7
0-60	814	99.2
0-90	819	99.8
90-180	2	0.2
0-180	821	100

## Candela Table

Vertical Angles	Candela
0	2683
5	2435
15	1048
25	456
35	144
45	9

## Test Information

Test Number: NTT11033  
Part Number: NTE-850L930F10AW  
Beam Spread: 43° Flood  
Lumens: 820lm  
Wattage: 10.56W  
Efficacy: 78lpw  
CCT / CRI: 3000K / 90 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'	91.3fc	3'-2"
6'	40.6fc	4'-10"
8'	22.8fc	6'-5"
10'	14.6fc	7'-11"
12'	10.1fc	9'-6"

## Zonal Lumen Summary

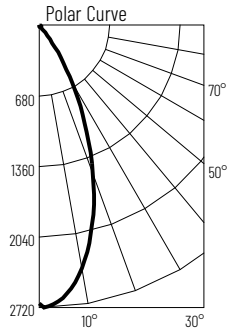
Zone	Lumens	% Luminaire
0-30	680	82.9
0-40	789	96.2
0-60	813	99.1
0-90	819	99.9
90-180	1	0.1
0-180	820	100

## Candela Table

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

## Test Information

Test Number: NTT11032  
Part Number: NTE-850L940S10AW  
Beam Spread: 25° Spot  
Lumens: 821lm  
Wattage: 10.36W  
Efficacy: 79lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.42  
Spacing Criteria (90°-270): 0.42



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	173fc	1'-10"
6'	77.1fc	2'-8"
8'	43.4fc	3'-7"
10'	27.8fc	4'-5"
12'	19.3fc	5'-4"

## Zonal Lumen Summary

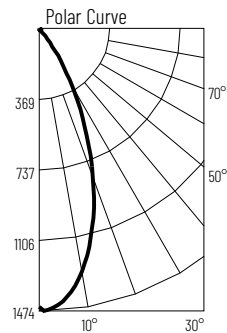
Zone	Lumens	% Luminaire
0-30	712	86.8
0-40	801	97.7
0-60	814	99.2
0-90	819	99.8
90-180	2	0.2
0-180	821	100

## Candela Table

Vertical Angles	Candela
0	2683
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25	456
35	144
45	9

## Test Information

Test Number: NTT11033  
Part Number: NTE-850L940F10AW  
Beam Spread: 46° Flood  
Lumens: 820lm  
Wattage: 10.56W  
Efficacy: 78lpw  
CCT / CRI: 4000K / 90 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'	85.4fc	3'-5"
6'	38fc	5'-1"
8'	21.4fc	6'-10"
10'	13.7fc	8'-6"
12'	9.5fc	10'-2"

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	680	82.9
0-40	789	96.2
0-60	813	99.1
0-90	819	99.9
90-180	1	0.1
0-180	820	100

## Candela Table

Vertical Angles	Candela
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