

# NTE-842

## Aiden LED Track Head

Source: 35W LED  
2200lm

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 4000K cool white @ 80 CRI. Aiden has one or two circuit track capability and comes in standard H-style or optional J- or L-style.

### FEATURES

- Over 75% energy savings when compared to incandescent
- 2200lm LED output
- 4000K @ 80 CRI
- Integral dimmable driver
- 18° Spot or 38° Flood beam spread
- 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

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

**Lumens / Wattage:** 2200lm / 35W

**Color Temperature:** 4000K

**Color Rendering Index:** 80+ CRI

**Beam Spread:** 18° Spot or 38° Narrow Flood

**Dimming:** Triac or ELV

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

### ONE / TWO CIRCUIT CONVERSION

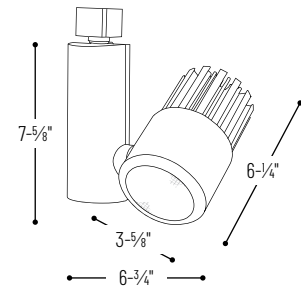
Positive contact (opposite neutral and ground contacts) is preset to "down" position at factory, but may be raised to the higher position to install onto the second circuit of Nora Lighting NT-2300 series two-circuit track.

### LABELS AND LISTINGS

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



### PRODUCT IMAGES & DIMENSIONS



### Aiden LED Track Head

Series	Beam Spread
<b>NTE-842L40</b>	<b>S35B</b> = 18° Spot <b>F35B</b> = 38° Flood

### Optional Accessories

Description

**NT-339CPB** = Barn Door, Black



Example: **NTE-842L40F35B** = 2200lm / 35W Aiden LED Track Head, 4000K / 80 CRI, 38° Flood, Black Finish

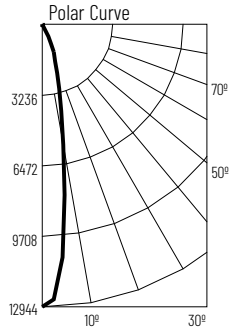
# PHOTOMETRICS

## Aiden LED Track Head

Type \_\_\_\_\_  
 Project \_\_\_\_\_  
 Catalog No. \_\_\_\_\_  
 Notes \_\_\_\_\_

### Test Information

Test Number: 284648  
 Part Number: NTE-842L30S35  
 Beam Spread: 18° Spot  
 Lumens: 2264lm  
 Wattage: 35.5W  
 Efficacy: 64lpw  
 CCT / CRI: 3000K / 80 CRI  
 Spacing Criteria (0°-180): 0.32  
 Spacing Criteria (90°-270): 0.32



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	360fc	1'-11"
9'	160fc	2'-11"
12'	89.9fc	3'-10"
15'	57.5fc	4'-10"
18'	40fc	5'-8"

### Zonal Lumen Summary

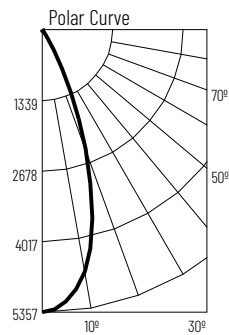
Zone	Lumens	% Luminaire
0-30	2171	95.9
0-40	2243	99.1
0-60	2262	99.9
0-90	2264	100
90-180	0	0
0-180	2264	100

### Candela Table

Vertical Angles	Candela
0	12944
5	10726
15	3043
25	973
35	81
45	19

### Test Information

Test Number: 284650  
 Part Number: NTE-842L30F35  
 Beam Spread: 38° Flood  
 Lumens: 2185lm  
 Wattage: 34.6W  
 Efficacy: 63lpw  
 CCT / CRI: 3000K / 80 CRI  
 Spacing Criteria (0°-180): 0.64  
 Spacing Criteria (90°-270): 0.64



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	149fc	4'-1"
9'	66.1fc	6'-2"
12'	37.2fc	8'-2"
15'	23.8fc	10'-4"
18'	16.5fc	12'-5"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2068	94.7
0-40	2156	98.7
0-60	2183	99.9
0-90	2185	100
90-180	0	0
0-180	2185	100

### Candela Table

Vertical Angles	Candela
0	5357
5	5171
15	3692
25	1298
35	94
45	25