

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 two color temperatures, 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- or L-style. Finishes include black, white and silver.

FEATURES

- Over 75% energy savings when compared to incandescent
- 2200lm LED output
- 3000K or 4000K @ 80 or 90 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	
Input Power	35W	30W
Lumens	2200lm	
Color Rendering Index	80 CRI	90 CRI
Color Temperature	3000K or 4000K	3000K
Beam Spread	18° Spot or 38° Flood	
Dimming	Triac / ELV	

ONE / TWO CIRCUIT CONVERSION

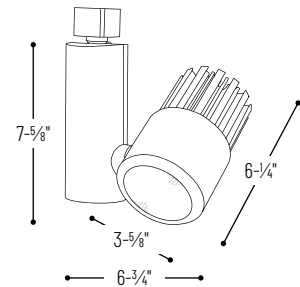
Positive contact (opposite neutral and ground contacts) is preset to "down" position at factory, but may be raised to the higher position to install onto the second circuit of Nora Lighting NT-2300 series two-circuit track.

LABELS AND LISTINGS

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



PRODUCT IMAGES & DIMENSIONS



Aiden LED Track Head

Series	Color Temperature / CRI	Beam Spread	Lumens / Wattage	Finish
NTE-842L	30 = 3000K / 80 CRI	S = 18° Spot F = 38° Flood	35 = 2200lm / 35W	S = Silver
NTE-842L	40 = 4000K / 80 CRI	S = 18° Spot F = 38° Flood	35 = 2200lm / 35W	B = Black
NTE-842L	930 = 3000K / 90 CRI	S = 18° Spot F = 38° Flood	30 = 2200lm / 30W	B = Black S = Silver W = White

Optional Accessories

Description

- NT-339CPB** = Barn Door, Black
- NT-339CPS** = Barn Door, Silver
- NT-339CPW** = Barn Door, White



Example: **NTE-842L30F35B** = 2200lm / 35W Aiden LED Track Head, 3000K / 80 CRI, 38° Flood, Black Finish

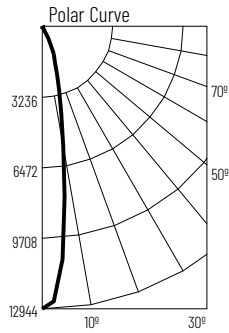
PHOTOMETRICS

Aiden LED Track Head

Type _____
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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

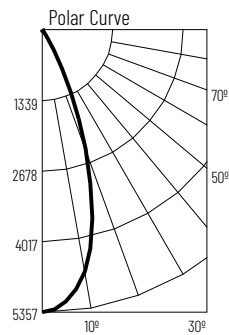
Zone	Lumens	% Luminaire
0-30	2171	95.9
0-40	2243	99.1
0-60	2262	99.9
0-90	2264	100
90-180	0	0
0-180	2264	100

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