

NTE-845

Aiden LED Track Head

Source: 15W LED
1400lm

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 black, white and silver finishes.

FEATURES

- Over 75% energy savings when compared to incandescent
- 3000K or 4000K
- 80 or 90 CRI
- Integral dimmable driver
- Field changeable optics (Spot and Flood)
- 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: 1400lm / 15W

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

Beam Spread: 19° Spot (included, 40° Flood installed)

Color Temperature: 3000K or 4000K

Dimming: Triac or ELV

[Click Here](#) or check complete dimmer list at 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.

LABELS AND LISTINGS

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

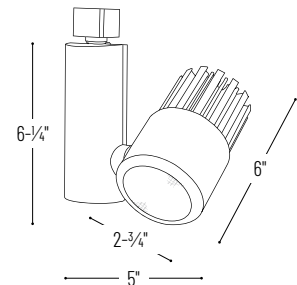


Performance Data

Part Number	Lumens	CCT / CRI
NTE-845L30	1231lm	3000K / 80 CRI
NTE-845L930	1258lm	3000K / 90 CRI
NTE-845L940	1420lm	4000K / 90 CRI

Delivered lumens will vary depending on optic

PRODUCT IMAGES AND DIMENSIONS



1400lm Aiden LED Track Head

Series	Color Temp. / CRI	Beam Spread	Finish
NTE-845L	930 = 3000K / 90 CRI	X = 19° Spot included / 40° Flood installed	15B = Black
	940 = 4000K / 90 CRI		15S = Silver
			15W = White
NTE-845L	30 = 3000K / 80 CRI	X = 19° Spot included / 40° Flood installed	15B = Black

Example: **NTE-845L930X15B** = Aiden LED Track Fixture, 3000K / 90 CRI, Black finish

PHOTOMETRICS

Aiden LED Track Head

Type

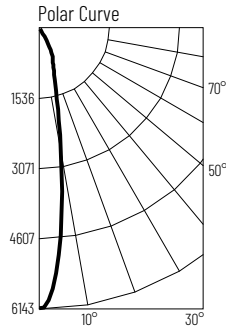
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Test Information

Test Number: NTT1053R1
 Part Number: NTE-845L9301815W
 Beam Spread: 18° Spot
 Lumens: 1258lm
 Wattage: 14.29W
 Efficacy: 88lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 0.32
 Spacing Criteria (90°-270°): 0.34



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	383fc	1'-4"
6'	170fc	2'
8'	95.7fc	2'-7"
10'	61.3fc	3'-4"
12'	42.5fc	3'-11"

Zonal Lumen Summary

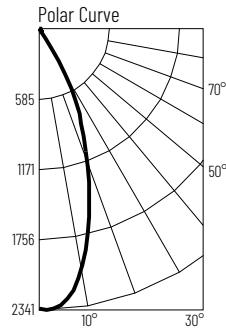
Zone	Lumens	% Luminaire
0-30	1123	89.2
0-40	1193	94.9
0-60	1220	97
0-90	1248	99.2
90-180	10	0.8
0-180	1258	100

Candela Table

Vertical Angles	Candela
0	6126
5	4942
15	1423
25	690
35	50
45	18

Test Information

Test Number: NTT1054R1
 Part Number: NTE-845L9303815W
 Beam Spread: 42° Flood
 Lumens: 1252lm
 Wattage: 14.27W
 Efficacy: 88lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 0.68
 Spacing Criteria (90°-270°): 0.68



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	145fc	3'-1"
6'	64.6fc	4'-7"
8'	36.3fc	6'-1"
10'	23.2fc	7'-7"
12'	16.1fc	9'-2"

Zonal Lumen Summary

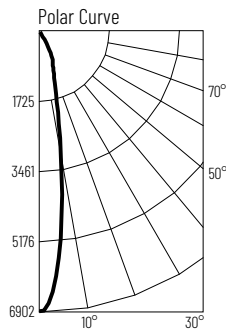
Zone	Lumens	% Luminaire
0-30	1069	85.4
0-40	1168	93.3
0-60	1213	96.9
0-90	1247	99.6
90-180	5	0.4
0-180	1252	100

Candela Table

Vertical Angles	Candela
0	2324
5	2293
15	1680
25	868
35	101
45	30

Test Information

Test Number: NTT1055R1
 Part Number: NTE-845L9401815W
 Beam Spread: 18° Spot
 Lumens: 1420lm
 Wattage: 13.93W
 Efficacy: 102lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 0.34
 Spacing Criteria (90°-270°): 0.34



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	431fc	1'-4"
6'	192fc	2'
8'	108fc	2'-7"
10'	69fc	3'-4"
12'	47.9fc	4'

Zonal Lumen Summary

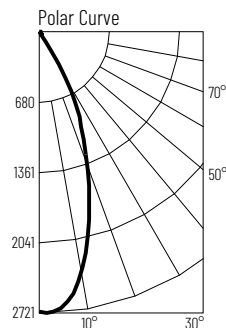
Zone	Lumens	% Luminaire
0-30	1270	89.5
0-40	1351	95.1
0-60	1378	97.1
0-90	1407	99.1
90-180	13	0.9
0-180	1420	100

Candela Table

Vertical Angles	Candela
0	6899
5	5578
15	1605
25	780
35	59
45	19

Test Information

Test Number: NTT1056R1
 Part Number: NTE-845L9403815W
 Beam Spread: 40° Flood
 Lumens: 1386lm
 Wattage: 13.95W
 Efficacy: 99lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 0.66
 Spacing Criteria (90°-270°): 0.66



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	169fc	3'
6'	75.2fc	4'-5"
8'	42.3fc	5'-11"
10'	27.1fc	7'-5"
12'	18.8fc	8'-11"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1191	85.9
0-40	1299	93.7
0-60	1347	97.2
0-90	1380	99.6
90-180	6	0.4
0-180	1386	100

Candela Table

Vertical Angles	Candela
0	2708
5	2671
15	1891
25	951
35	106
45	32

PHOTOMETRICS

Aiden LED Track Head

Type _____

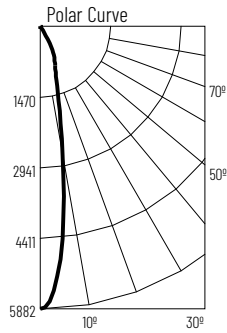
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Test Information

Test Number: NTT11013R2
 Part Number: NTE-845L301815
 Beam Spread: Spot
 Lumens: 1202lm
 Wattage: 13.6W
 Efficacy: 89lpw
 CCT / CRI: 3000K / 80 CRI
 Spacing Criteria (0°-180): 0.34
 Spacing Criteria (90°-270): 0.34



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	368fc	1'-4"
6'	163fc	2'
8'	91.9fc	2'-8"
10'	58.8fc	3'-5"
12'	40.8fc	4'

Zonal Lumen Summary

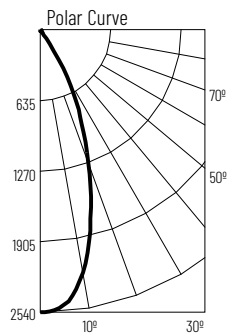
Zone	Lumens	% Luminaire
0-30	1108	92.1
0-40	1175	97.8
0-60	1189	98.9
0-90	1195	99.4
90-180	7	0.6
0-180	1202	100

Candela Table

Vertical Angles	Candela
0	5882
5	4867
15	1433
25	704
35	54
45	11

Test Information

Test Number: NTT11014R2
 Part Number: NTE-845L303815
 Beam Spread: Flood
 Lumens: 1231lm
 Wattage: 13.5W
 Efficacy: 91lpw
 CCT / CRI: 3000K / 80 CRI
 Spacing Criteria (0°-180): 0.66
 Spacing Criteria (90°-270): 0.66



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	159fc	2'-11"
6'	70.5fc	4'-4"
8'	39.7fc	5'-10"
10'	25.4fc	7'-2"
12'	17.6fc	8'-8"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1098	89.2
0-40	1193	96.9
0-60	1218	99
0-90	1226	99.6
90-180	5	0.4
0-180	1231	100

Candela Table

Vertical Angles	Candela
0	2359
5	2472
15	1750
25	850
35	93
45	20