

Catalog Number	<b>PRELIMINARY</b>
Notes	
Type	

## FEATURES & SPECIFICATIONS

### INTENDED USE

This fresh and innovative track head combines aesthetics with superior functionality for applications such as specialty retail, hospitality, residential multi-family and educational environments.

### CONSTRUCTION

This unique "Square" design track head with integral electronic driver is made of die cast aluminum.

Tilt: 60 degrees

Pan: 350 degrees

Expected life: 33,000 hours - L70 lumens depreciation design criteria.

Lumen output: 500 lumens, 40° beam angle

Equivalent to a 50W Halogen

Color temperature (CCT): 2700 K

CRI: 90

### ELECTRICAL

120 VAC 60Hz, 8-watts

Dimmable down to 10%.

### LISTINGS

cETL<sub>us</sub> listed to UL1574 Track Lighting Standard.

ENERGY STAR® certified.

Dry location.

### WARRANTY

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C.

Specifications subject to change without notice.



## Decorative Track Lighting LTIHSQ SERIES

Integrated LED Track Head

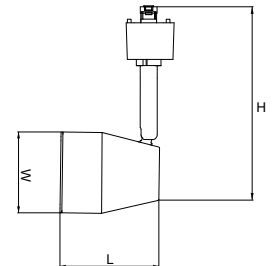


Matte Black



Specifications		
Width	Length	Maximum height
2-5/8	3-1/8	6-1/4

All dimensions are inches (centimeters) unless otherwise indicated.



### ORDERING INFORMATION

All configurations of this product are considered "standard" and have short lead times.

**Example:** LTIHSQ LED 27K 90CRI MW

Series	Lumen Output/Max Wattage	Color Temperature	CRI	Finish
LTIHSQ Integrated LED "Square" track head	LED 500 Lumens/8W	27K 2700K	90CRI 90CRI	MW Brushed nickel DBL Matte White

# LTIHQ LED Integrated Track Head

## PHOTOMETRICS

### Distribution Curve

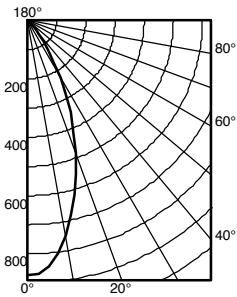
### Distribution Data

### Output Data

### Coefficient of Utilization

### Illuminance Data at 30" Above Floor for a Single Luminaire

LTIHQ 90CRI, 2700 K LEDs, input watts: 8, delivered lumens: 520, LM/W = 65, test no. ISF 337940, tested in accordance with IESNA LM 79-80



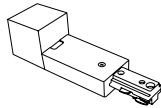
Ave	Lumens	Zone	Lumens	% Lamp	pf	80%			70%			50%		
						50%	30%	10%	50%	30%	10%	50%	30%	10%
0	874	0°- 30°	406.4	78.1	0	119	119	119	116	116	116	111	111	111
5	846	0°- 40°	488.8	94.0	1	111	109	107	109	107	105	105	103	102
15	620	0°- 60°	517.6	99.5	2	104	100	97	102	99	96	99	96	94
25	347	0°- 90°	519.9	100.0	3	98	93	89	96	92	89	94	90	87
35	130	90°- 120°	0.0	0.0	4	92	87	83	91	86	82	89	84	81
45	23	90°- 130°	0.0	0.0	5	87	81	77	86	81	77	84	79	76
55	8	90°- 150°	0.0	0.0	6	82	76	72	81	76	72	80	75	71
65	2	90°- 180°	0.1	0.0	7	77	72	68	77	72	68	76	71	67
75	0	0°- 180°	520.0	*100.0	8	73	68	64	73	68	64	72	67	64
85	0				9	70	64	61	69	64	61	68	64	60
90	0				10	67	61	58	66	61	58	65	61	57

Mounting Height	Initial FC Center Beam	50% beam - 37.6°		10% beam - 67.5°	
		Diameter	FC	Diameter	FC
8.0	28.9	3.7	14.4	7.3	2.9
10.0	15.5	5.1	7.8	10.0	1.6
12.0	9.7	6.5	4.8	12.7	1.0
14.0	6.6	7.8	3.3	15.4	0.7
16.0	4.8	9.2	2.4	18.0	0.5

## TRACK ACCESSORIES

### Live End Conduit

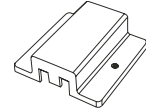
Connects to the end of the linear track section supplying power from a conduit feed.



Series	Finish
LTLECF	(blank) Matte white connector with black cover

### Floating Feed

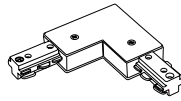
Permits track to be wired anywhere along track length.



Series	Finish
LTFC	(blank) Matte white connector with black and white cover

### L Connector

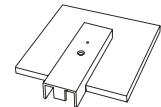
Joins two track sections to make a 90° angle.



Series	Finish
LTLDL	(blank) Matte white connector with black cover

### Live End Junction Box Feed

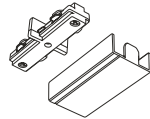
Connects to the end of the linear track section supplying power from a junction box.



Series	Finish
LTLEDC	(blank) Matte white connector with black cover

### Straight Connector

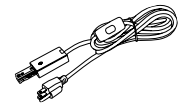
Joins two track sections in a straight run.



Series	Finish
LTVC	(blank) Matte white connector with black cover

### Live End Power Feed

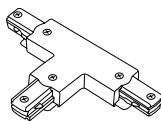
Permits track to be connected to grounded outlet using a 15' cord with switch included.



Series	Finish
LTLECS	(blank) Matte white

### T Connector

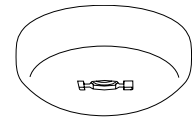
Joins three sections at 90° angles.



Series	Finish
LTTC	(blank) Matte white connector with black cover

### Monopoint

Allows for a single linear track head to be installed in into an existing junction box.



Series	Finish
LTMPR	(blank) Matte white

### Track Stick

4-foot or 8-foot, 1-circuit track section with end caps.



Series	Finish
LTS4	MW Matte white
LTS8	DBL Black