

Lumination™ LED Luminaires

LED Track Light
LTS Track Series



Projectname _____
Date _____
Type _____

Product Description:

Lumination™ TS Series LED Track Lights are designed to deliver superior aesthetics, efficiency, and performance for retail accent lighting applications. These fixtures have a long rated life and deliver 90 lumens per watt (LPW) typical, allowing for lower maintenance and operating costs. Standard "Visual Comfort" lens minimizes glare while delivering up to 20,000 CBCP for high intensity accent lighting. Die-cast precision machined housings provide a unique and distinct aesthetic, while serving as an outstanding heat sink to regulate the LED temperatures for long life and minimal color shift. Lumination™ TS Series is also available with reveal® Whiter White™ technology. Ideal for retail accent lighting applications, this great technology delivers bright, crisp whites while also enhancing most other colors for a light experience like no other. All LTS Series Lights come with dimming capability.

Performance Summary:

All performance claims are at 80 CRI, 3000K

Flood Version:

- 1600 lumen – 18.3W
- 1250 lumen – 13.3W
- 1000 lumen – 9.9W

Spot Version:

- 1300 lumen – 18.3 W-13° beam
- 1050 lumen – 13.3W
- 800 lumen – 9.9W
- 20,000 CBCP at 1300 Lumen

reveal® Whiter White™ (WW) Version:

- 900 lumen - 18.3W
- Spot (13°) and Flood (26°) beam options

Efficacy: 90 LPW Typical (flood version), 75 LPW Typical (spot version), 49 LPW Typical (Whiter White)

Input Voltage: 120V

CCT: 2700K/3000K/3500K/4000K (excludes Whiter White)

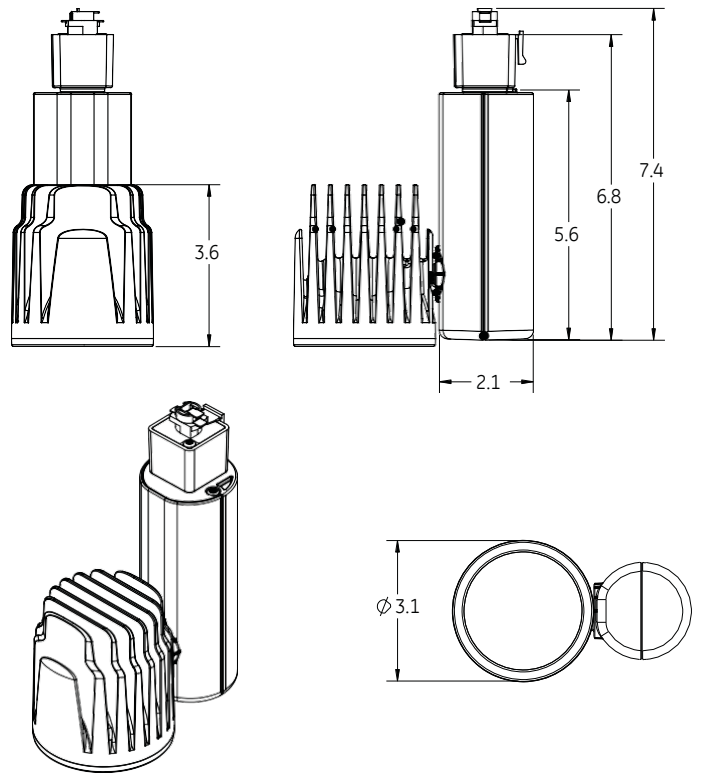
Typical CRI: 80 and 90 CRI options, 95 CRI (Whiter White)

Standard Dimming Controls: Phase Dimming

Lifetime Rating: L85 @ 50,000 hours with 80CRI

Limited Warranty: 5 Years

Product Dimensions:



Certified by: UL US LISTED



Note: Whiter White is not compliant with Energy Star.

TriGain™ technology from GE

a product of ecomagination™

Ordering Information:

L TS VD B 1 XX XX XX XX P Q XX XXXX XXX XX

MACRO	FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	LUMENS	DISTRIBUTION	CRI	CCT	DIMMING	CONTROLS	MOUNTING	FINISH	DIFFUSER	OPTIONS
L = Indoor	TS = Tracklight Series	VD = Vertical Box	B = 2 nd Generation	1 = 120V	10 = 1000lm 12 = 1250lm 16 = 1600lm	FL = Flood WF = Wide Flood	8 = 80CRI 9 = 90CRI	27 = 2700K (80 CRI only) 30 = 3000K 35 = 3500K 40 = 4000K	P = Phase Dimming	Q = None	G1 = Global 1-Circuit J1 = Juno 1-Circuit L2 = Lightlier 2-Circuit TK = TEK 100	WHITE = White BLCK = Black SLVR = Silver	DXX = None DL6 = 60x10 Diffuser DL3 = 30x3 Diffuser DXX = None DL6 = 60x10 Diffuser DL3 = 30x3 Diffuser DXX = None DL6 = 60x10 Diffuser DL3 = 30x3	(blank) = none HX = Hexel SN = Snoot
					08 = 800lm 11 = 1050lm 13 = 1300lm	SP = Spot								
					09 = 900lm	SP = Spot FL = Flood	9 = 90CRI	WW = Whiter White						
					10 = 1000lm 12 = 1250lm	FL = Flood WF = Wide Flood	T = TriGain (90CRI)	35 = 3500K 40 = 4000K						



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Lumen output varies based on CCT and CRI. To estimate lumen output of the various CCT/CRI combinations, multiply 3000K, 80 CRI results by the following factors:

CCT	FL/WF		SP	
	80 CRI or TriGain	90 CRI	80 CRI	90 CRI
2700K	0.954	N/A	0.941	0.797
3000K	1	0.806	1	0.825
3500K	1.033	0.83	1.027	0.855
4000K	1.044	0.858	1.042	0.868

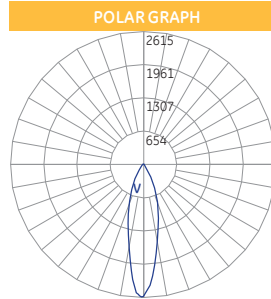
Note: Trigain only available in 3500K and 4000K CCT

Photometric Data: LTS Series Track Lights

9.9 Watt - 1000 Lumen Flood Distribution - 26° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	2615
5	2298
15	1137
25	537
35	229
45	61
55	22

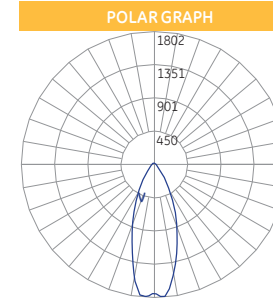
CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	27	2.8
8'	15	3.7
10'	10	4.6
12'	7	5.5
14'	5	6.5
16'	4	7.4



9.9 Watt - 1000 Lumen Wide Flood Distribution - 38° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	1754
5	1773
15	1153
25	565
35	250
45	64
55	16

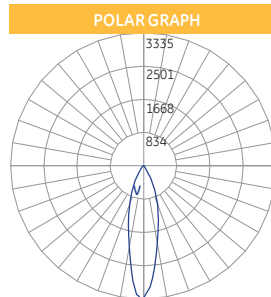
CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	50	4.1
8'	28	4.1
10'	18	6.9
12'	13	8.3
14'	9	9.6
16'	7	11.0



13.3 Watt - 1250 Lumen Flood Distribution - 26° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	3335
5	2968
15	1469
25	694
35	296
45	79
55	28

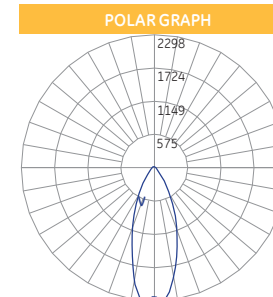
CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	93	2.8
8'	52	3.7
10'	33	4.6
12'	23	5.5
14'	17	6.5
16'	13	7.4



13.3 Watt - 1250 Lumen Wide Flood Distribution - 38° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	2237
5	2261
15	1471
25	721
35	319
45	82
55	20

CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	64	4.1
8'	36	5.5
10'	23	6.9
12'	16	8.3
14'	12	9.6
16'	9	11.0



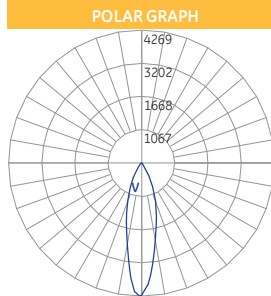
Lumination™ LED Luminaires

Photometric Data: LTS Series Track Lights

18.3 Watt - 1600 Lumen Flood Distribution - 26° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	4269
5	3799
15	1880
25	888
35	379
45	101
55	36

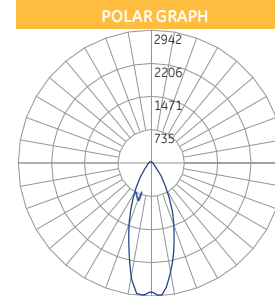
CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	119	2.8
8'	67	3.7
10'	43	4.6
12'	30	5.5
14'	22	6.5
16'	17	7.4



18.3 Watt - 1600 Lumen Wide Flood Distribution - 38° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	2864
5	2895
15	1882
25	922
35	408
45	104
55	26

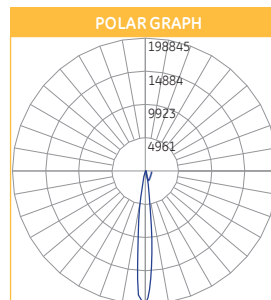
CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	82	4.1
8'	46	5.5
10'	29	6.9
12'	20	8.3
14'	15	9.6
16'	11	9.6



18.3 Watt - 1300 Lumen Spot Distribution - 13° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	19845
5	15295
15	15295
25	108
35	70
45	40
55	30

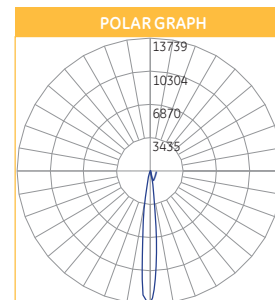
CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	551	1.4
8'	310	1.8
10'	198	2.3
12'	138	2.7
14'	101	3.2
16'	78	3.6



18.3 Watt - 900 Lumen Spot Distribution - 13° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	13739
5	10559
15	359
25	80
35	47
45	30
55	21

CONE OF LIGHT		
Height	fc	Dia. (ft.)
6'	382	1.4
8'	215	1.8
10'	137	2.3
12'	95	2.7
14'	70	3.2
16'	54	3.6



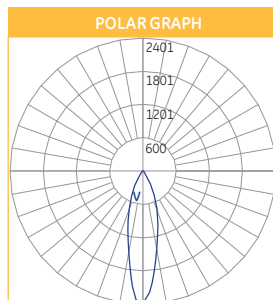
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Photometric Data: LTS Series Track Lights

18.3 Watt - 900 Lumen Flood Distribution - 26° Beam

CANDLEPOWER SUMMARY	
Angle	Candela
0	2401
5	2111
15	1045
25	512
35	203
45	55
55	20

CONE OF LIGHT		
Height	fc	Dia. (ft.)
6	67	2.8
8	38	3.7
10	24	4.6
12	17	5.5
14	12	6.5
16	9	7.4



Product Specifications:

Construction:

- Die-cast and precision machined head
- 2-piece die-cast and precision machined driver compartment
- Textured powder coat finish
- Nylon lock washer firmly sets aiming angle

Installation:

- Track adapters easily twist into track systems for quick installation
- Compatible with several brands of track systems
- Several track system mounting and suspension options

Weight:

- 1.4 Lbs

Optical System:

- Visual Comfort lens reduces glare and eliminates pixilation
- Precision designed reflectors and diffusers for optimal efficiency
- Custom designed spot optical system optimizes CBCP

Electrical System:

- Integrated, high-efficiency LED driver
- Power factor >0.9

For more information and access to all of our resources, including our design tool visit: www.gelighting.com