



OSIRIS

TRACK LIGHTING

Track fixture



The OSIRIS series features a unique distinctive look with a smooth heatsink and a vertical driver enclosure. There are also three possible lumens packages. This track fixture also features three possible beam distributions as in narrow flood, flood and wide flood. This product also comes standard at 90 CRI.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input Voltage 120Vac
Power factor 0.9
Dimming Triac dimming
Total harmonic distortion (THD) <20%

PERFORMANCE

Lumens per Watt 75-92 LPW at 90CRI
Power consumption 20, 27, 51W
Distribution Narrow flood, flood, wide flood

MECHANICAL & HOUSING

Housing Aluminum die cast
Lens Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare.

Finish White, black, silver
Power Supply Factory wired electronic LED
LED Board COB

APPLICATION CONDITION

Ambient temperature range -10 to 35°C

COMPATIBLE MOUNTING

Mounting Juno, Halo, Global, Lightolier

WARRANTY

System warranty 5 years
Lumen maintenance Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L85 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-TL-OS1312FLP30J1BK

AE-TL-OS	13	12	FL	P	30	J1	BK
FIXTURE FAMILY	LUMEN	VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-OS Aeralux Osiris Series track light	13 20 watts: 1590 lumens	12 120Vac input voltage	NF Narrow flood light distribution	P Premium 90 CRI	30 3000K CCT	J1 Juno mounting system	BK Black powder coat finish
	29 27 watts: 2100 lumens		FL Flood light distribution		35 3500K CCT	G1 Global mounting system	WH White powder coat finish
	43 51 watts: 4430 lumens		WF Wide flood light distribution	S* Superior HIGH GAI	40 4000K CCT	H1 Halo mounting system L1 Lightolier mounting system	SV Silver powder coat finish

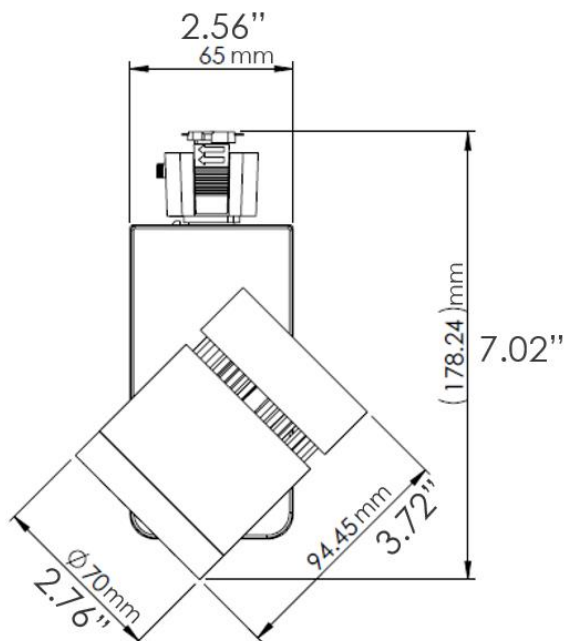
* Available only at 3000K & 3500K



PRODUCT DIMENSIONS

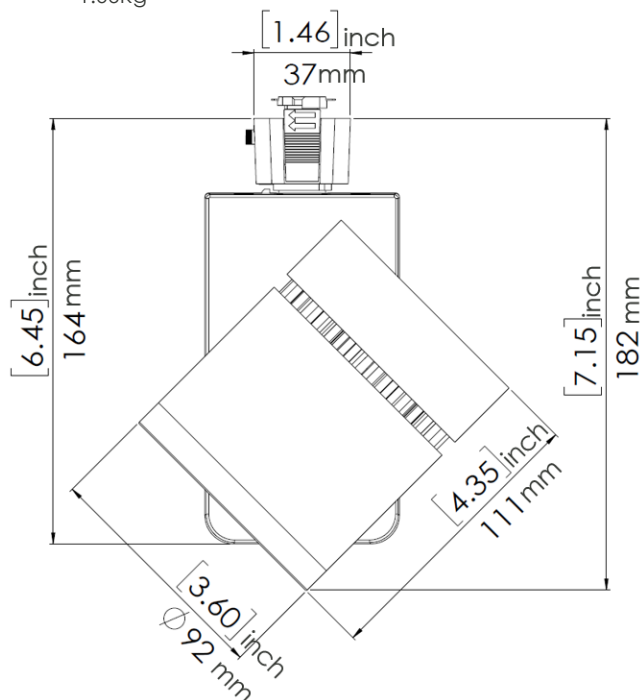
AE-TL-OS13

Weight: 0.738Kg



AE-TL-OS29

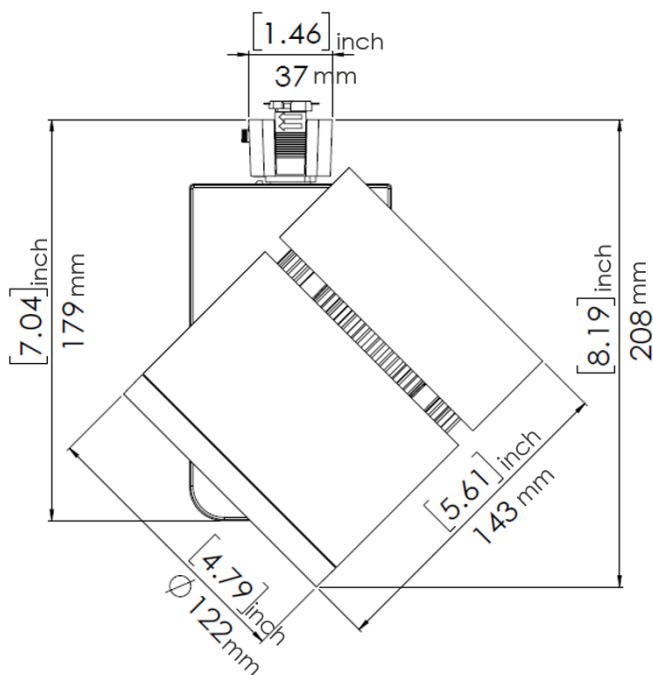
Weight: 1.06Kg



PRODUCT DIMENSIONS


AE-TL-OS43

Weight: 1.552Kg



DIMMER COMPATIBILITY LIST

AE-TL-OS13 & AE-TL-OS29

Manufacturer	Manufacturer Part Number
 Lutron	S-603PG
	DVCL-153P
	DV-600P
	TGCL-153P
	S-600P
	DVELV-303P
	SELV-300P
	TG-600P
	LG-600P
	CT-103P
	MAELV-600
	FAELV-500
 Leviton	IPI06-1LZ
	6631-2
	VPE06
	6683-IW
	6161
	6633-P
	IPE04
Cooper	DLC03P
	SLC03P
	DAL06P
Lightolier	ZP260QEW

AE-TL-OS43

Manufacturer	Manufacturer Part Number
Lutron	DV-600P
	DVELV-303P
	NTELV-600
	MAELV-600
	DVLV-600P
	SELV-300P
	NFTU-5A
	CTCT-153P
	GL-600H
	S-600P
	PHPM

LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.78	0.81	0.84	0.86
SUPERIOR (HIGH GAI)	N/A	0.73	0.78	N/A

PHOTOMETRIC DATA

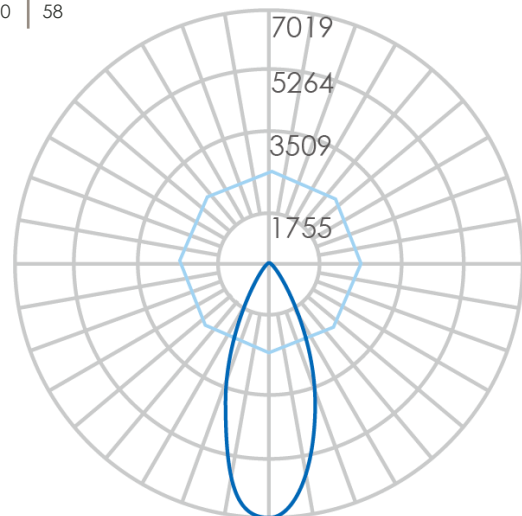
AE-TL-OS4312XXP30XXXX

Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
Room Cavity Ratio	0	119	119	119	119	116	116	111	111	106	99
	1	114	111	109	107	109	105	105	101	101	94
	2	109	104	100	97	102	96	99	94	96	88
	3	104	98	93	90	96	89	94	87	91	83
	4	99	92	87	83	91	83	89	82	87	79
	5	95	87	82	78	87	78	85	77	83	74
	6	91	83	78	74	82	73	81	73	79	71
	7	87	79	74	70	78	70	77	69	76	67
	8	84	75	70	66	75	66	74	66	73	64
	9	80	72	67	63	71	63	70	63	70	61
	10	77	69	64	60	68	60	68	60	67	58

Luminance data

Angle	0°	45°	90°
45°	0	8351	5879
55°	0	5102	3445
65°	0	2805	1720
75°	0	1849	1075
85°	0	215	91

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	620.6	90-100	2.53
10-20	1310.08	100-110	2.64
20-30	1106.87	110-120	2.38
30-40	402.62	120-130	2.4
40-50	68.39	130-140	2.56
50-60	53.84	140-150	2.71
60-70	36.5	150-160	2.71
70-80	26.64	160-170	2.18
80-90	6.75	170-180	0.88



PHOTOGRAPHS

MULTIPLE MOUNTING ADAPTERS

Choose from any of the popular track systems such as Juno, Halo, Lightolier, or Global.

PREMIUM DESIGN

Aluminum die-cast materials selected for efficient thermal heat dissipation, enhanced structural rigidity maximizing LED life and driver function.

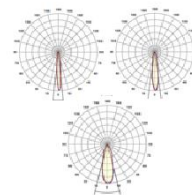


PAINT FINISH

Factory standard in black, white, and silver. Contact for custom paint finishes to enhance your fixture to suit your project space.

MULTIPLE OPTIONS

Customize your track head by selecting from a variety of CCT, CRI, and beam angle options.



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