



ROSETTA

TRACK LIGHTING

Track fixture



The ROSETTA series is an elegant track fixture feature a sleek heatsink and an integrated driver. This tracklight delivers up to 1400 lumens despite its size and no apparent heatsinking to provide a smooth design. It is sought after for implementations in fashion stores to enhance product looks with its premium color point. This product comes standard at 90 CRI. Aeralux also caters for lighting experts with a high-GAI (Gamut Area Index) option for an enhanced visual effect on products.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input Voltage	120Vac	Power Supply	Factory wired electronic LED
Power factor	0.9	LED Board	COB
Dimming	Triac dimming	APPLICATION CONDITION	
Total harmonic distortion (THD)	<20%	Ambient temperature range	-10 to 35°C

PERFORMANCE

Lumens per Watt	72-85 LPW at 90CRI	COMPATIBLE MOUNTING	
Power consumption	9,14W	Mounting	Juno, Global, Halo, Lightolier
Distribution	Narrow flood, flood, wide flood	WARRANTY	

MECHANICAL & HOUSING

Housing	Aluminum die cast	System warranty	5 years
Lens	Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare.	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)
Finish	White, black, silver		

ORDERING GUIDE

EXAMPLE: AE-TL-RS0912PFP30J1BK

AE-TL-RS	09	12	NF	P	30	J1	BK
FIXTURE FAMILY	LUMEN	VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-RS Aeralux Rosetta Series track light	09 9 watts: 690 lumens	12 120Vac	NF Narrow Flood light distribution	P Premium 90 CRI	30 3000K CCT	J1 Juno mounting system	BK Black powder coat finish
			FL Flood light distribution		35 3500K CCT	G1 Global mounting system	WH White powder coat finish
	40 4000K CCT					H1 Halo mounting system	
					L1 Lightolier mounting system		
	11 14 watts: 1050 lumens				WF Wide Flood light distribution		

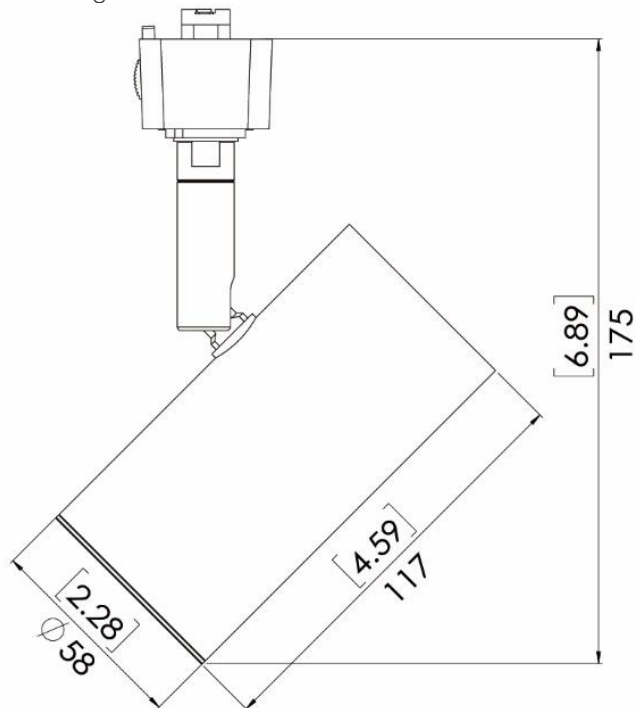


PRODUCT DIMENSIONS

AE-TL-RS09, AT-TL-RS12

Weight:

0.500Kg



ACCESSORIES

Ordered separately, field installed

Hexcell Louver

AE-TL-RS-HX



Snoot

AE-TL-RS-SNT-BK



DIMMER COMPATIBILITY LIST

Leading edge dimmers

Manufacturer	Manufacturer Part Number
Lutron	SLV-600X
	S2-LX
	GL-600H
	NFTU-5A
	DVLV-600P
Leviton	6602-X
	6681-X
	6683-X
	6684-X
	700-X
	705-X
	6633
	6674
	IPI06-1LZ
Cooper	9530XXX
Lightolier	MP600X
Philips	SR150LED120

Trailing edge dimmers

Manufacturer	Manufacturer Part Number
Lutron	NTELV-600-XX
	SELV-303P
	MAELV-600-XX
	DVELV-300P-XX
	SEIV-300P-XX
Leviton	IPE04-1LZ
	VZE06-1LX
	6615-P0T
Philips	SR400RPC120

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

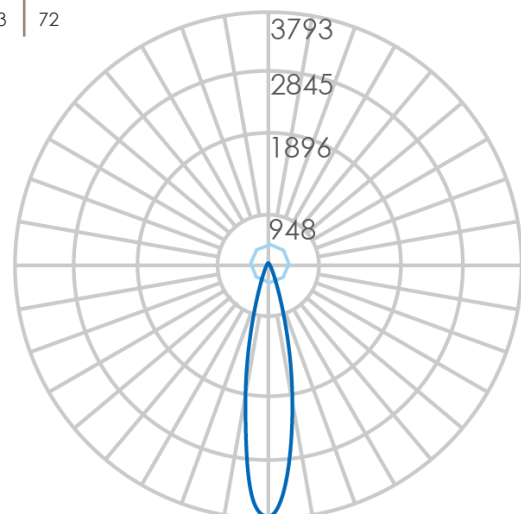
AE-TL-RS1412XP30XXXX

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	110	110	105	99
	1	114	112	110	108	110	106	105	102	101	94
	2	110	106	103	100	104	99	101	96	98	90
	3	106	101	97	94	99	93	97	91	94	87
	4	102	97	92	89	95	88	93	87	91	84
	5	99	93	88	85	92	85	90	84	88	81
	6	96	90	85	82	89	82	87	81	86	79
	7	94	87	83	79	86	79	85	79	84	77
	8	91	84	80	77	84	77	83	77	82	75
	9	89	82	78	75	82	75	81	75	80	73
	10	87	80	76	74	80	73	79	73	78	72

Luminance data

Angle	0°	45°	90°
45°	0	12947	9037
55°	0	6840	5140
65°	0	2474	1824
75°	0	774	751
85°	0	314	346

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	414.12	90-100	1.85
10-20	238.14	100-110	1.84
20-30	65.23	110-120	1.70
30-40	48.91	120-130	1.59
40-50	39.66	130-140	1.32
50-60	29.11	140-150	1.20
60-70	14.89	150-160	1.11
70-80	5.60	160-170	0.77
80-90	2.32	170-180	0.28



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.



ACCESSORIES

Hexcell louvers, and snoots available to help further customize your track fixtures and provide a specific look and beam distribution that your project space requires



MULTIPLE OPTIONS

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

