



4" LED Track Head

AKTMLED

LED Track Head Track

DATE: _____ TYPE: _____

FIRM NAME: _____

PROJECT: _____



For conversion to millimeters,
multiply inches by 25.4
Not to Scale

APPLICATIONS:

Prescolite's AKTMLED delivers over 2500 lumens and has a robust, power-efficient design, perfect for a wide variety of commercial and retail applications. It is a great addition to the SignosM fixture line while providing an attractive LED option for high lumen output with low power use. The Light Engine can be used in up to a 25°C (77° F) ambient temperature environment and still maintain a 5 year warranty. (Track applications must adhere to limits of the associated track systems).

FIXTURE:

Diecast aluminum fixture with electronic driver. Track adapter rotates 350° around a vertical axis and the trackhead is rotatable 350° for horizontal aiming. The Prescolite track connector has fixed solid copper contacts for one or two circuit connection without modification. Finish available in black (BL) or white (WH).

DIMMING:

Two wire dimming to 15% using many 2 wire forward and reverse phase dimming controls. (See page 3 for recommended dimmers).

LED LIGHT ENGINE:

The AKTMLED has a Cree CXA2530 high-flux, multi-die array COB. It provides a minimum of 80 CRI with 2 SCDM color consistency. It is a versatile fixture with multiple Kelvin temperatures available as well as 90 CRI options and factory configurable optics. It is mounted on a specially designed heatsink to meet L85 at 39,000 hours per TM21 and L80 at 50,000 hours calculated.

LED DRIVER:

Energy efficient solid state constant current electronic driver with 50,000 hour minimum anticipated life. Meets UL class 2, with over-voltage, over-current, and short-circuit protection. 120V operation.

INSTALLATION:

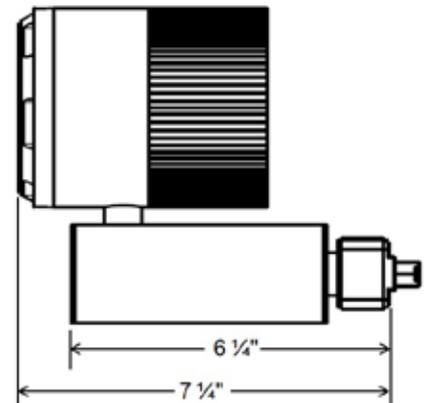
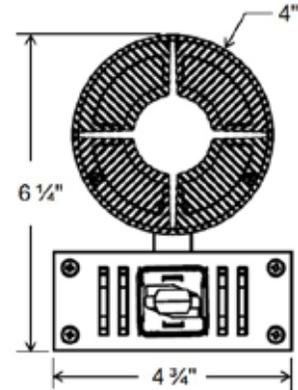
Prescolite ArchiTrak® compatible. The AKTMLED is not compatible with competitive track systems.

LABELS:

CSA certified to US and Canadian safety standards. Suitable for dry locations.

WARRANTY:

Five Year Limited Warranty. See www.prescolite.com for details.



CATALOG NUMBER:

EXAMPLE: AKTMLED25L35K8XFL55BL

BASE	OUTPUT	COLOR	CRI	BEAM SPREAD	FINISH
<input type="checkbox"/> AKTMLED 4" LED Track Head	<input type="checkbox"/> 25L 2500 Delivered Lumens	<input type="checkbox"/> 27K 2700 Kelvin <input type="checkbox"/> 30K 3000 Kelvin <input type="checkbox"/> 35K' 3500 Kelvin	<input type="checkbox"/> 8 80+ CRI <input type="checkbox"/> 9' 90+ CRI	<input type="checkbox"/> MD25 25 Degree Cutoff <input type="checkbox"/> FL35 35 Degree Cutoff <input type="checkbox"/> XFL55 55 Degree Cutoff	<input type="checkbox"/> BL Black <input type="checkbox"/> WH White

NOTES:
'35K not available in 90 CRI



In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.
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ATRK-049

PHOTOMETRIC DATA

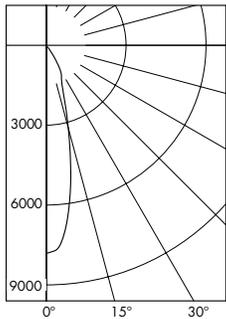
ArchiTrak® - LED Track Head AKTMLED

DRIVER DATA	AKTMLED25L
Input Voltage	120V
Input Frequency	50/60 Hz
Input Current	0.38A
Input Power	45W
Constant Current Output	1000mA
Power Factor	≥0.90
THD	<20%
EMI Filtering	FCC 47CFR Part 15, Class B
Operating Temperature	-30°C to 25°C

Over-voltage, over-current, short-circuit protected

AKTMLED25L30K8MD25WH

System Wattage: 43.9 W
 Fixture delivered lumens: 2698
 Fixture Efficacy: 61.5 lumens per Watt
 Spacing Criteria: 0.4



CANDLEPOWER SUMMARY		
Angle	Candela	Lumens
0	7822	
5	7257	627
15	3213	900
25	1357	637
35	449	303
45	72	62
55	58	52
65	51	50
75	44	45
85	18	20
90	0	

ZONAL LUMEN SUMMARY

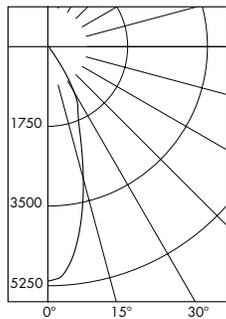
ZONE	LUMENS	%LUMINAIRE
0-30	2164	80.2
0-40	2468	91.5
0-60	2582	95.7
0-90	2698	100.0

Test No. 14.00424

Tested at 25°C ambient temperature in accordance to IESNA LM-79-2008

AKTMLED25L30K8FL35WH

System Wattage: 44.2 W
 Fixture delivered lumens: 2571
 Fixture Efficacy: 58.2 lumens per Watt
 Spacing Criteria: 0.6



CANDLEPOWER SUMMARY		
Angle	Candela	Lumens
0	5149	
5	4885	439
15	3004	829
25	1560	723
35	497	337
45	76	66
55	61	55
65	52	52
75	47	48
85	20	21
90	0	

ZONAL LUMEN SUMMARY

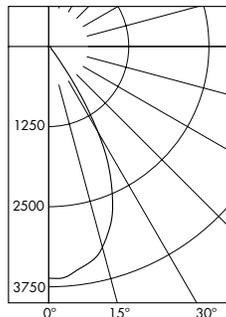
ZONE	LUMENS	%LUMINAIRE
0-30	1991	77.4
0-40	2328	90.5
0-60	2449	95.3
0-90	2571	100.0

Test No. 14.00425

Tested at 25°C ambient temperature in accordance to IESNA LM-79-2008

AKTMLED25L30K8XFL55WH

System Wattage: 44.7 W
 Fixture delivered lumens: 2921
 Fixture Efficacy: 65.3 lumens per Watt
 Spacing Criteria: 0.8



CANDLEPOWER SUMMARY		
Angle	Candela	Lumens
0	3615	
5	3589	337
15	3242	902
25	2301	1032
35	619	429
45	80	73
55	48	44
65	45	44
75	40	41
85	16	17
90	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%FIXT
0-30	2272	77.8
0-40	2701	92.5
0-60	2818	95.6
0-90	2921	100.0

Test No. 14.00799

Tested at 25°C ambient temperature in accordance to IESNA LM-79-2008

NOTES

Refer to www.prescolite.com for additional photometric tests (IES Files).



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DIMMING NOTES:

Surface Mount LED modules are designed to be compatible with many dimmer controls. Electronic low-voltage rated dimmer controls may offer favorable dimming performance. Incandescent type dimmers are not recommended. The following is a list of known compatible dimmer controls:

Manufacturer	Series	Part Number
Leviton	Renoir II	AWRMG-EAW
Leviton	Sure Slide	6615-8
Lutron	Diva Series	(Part Number DVELV-300)
Lutron	Maestro Series	(Part Number MAELV-600)
Lutron	Nova T Series	(Part Number NTELV-300)
Lutron	Spacer Series	(Part Number SPSELV-600)
Lutron	Vierti Series	(Part Number VTELV-600)

Incandescent Digital type dimmers are not recommended

Dimming capabilities will vary depending on the dimmer control, load, and circuit installation. Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.

Dimmer control brand names where identified above are tradenames or registered trademarks of each respective company.

