

PHILIPS LIGHTOLIER

Track

Alcyon LED

Vertical cylinder,
LLAV01, 9W/900lm



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

Alcyon LED vertical cylinders are ideal for display, accent and task lighting and offer higher efficiency than incandescent or halogen sources leading to energy savings with no ultraviolet or infrared radiation. Alcyon provides concentrated light which dramatically draws interest to objects and elements in a space.

Fixture

example: LLAV0127AL

Series	Lumens	CRI/CCT*	Adapter	Finish	Options
LLAV	01				
LLAV Alcyon LED vertical cylinder	01 9W 900lm	27 80CRI/2700K	— Lightolier	WH White	— no options
		30 80CRI/3000K	H Halo	AL Alum.	
		40 80CRI/4000K	J Juno	BK Black	
		927 90CRI/2700K	P Prospec ²		
		930 90CRI/3000K ¹	See above	See above	CW CrispWhite ¹

Reflector

example: LLAV11RNS

Series	Lumens	Reflector
LLAV	11	
LLAV Alcyon LED vertical cylinder	11 Compatible with 9W/600lm, 14W/1000lm & 21W/2000lm	RNS 11° Narrow Spot
		RS 19° Spot
		RNF 24° Narrow flood
		RF 36° Flood

Accessories

example: LLA11SNBK

Series	Finish
LLAV11AH Accessory holder with spring	WH White AL Aluminum BK Black
LLA11SN Compatible snoot	WH White BK Black
LLAV11 Compatible diffusion filters	LS Linear Spread SY Symmetrical Spread SF Soft Focus FR Frosted Etched

Compatible color filters/gels provided by others

LLAHCA11 Compatible hex cell louver
(matte black)

1. CrispWhite (CW) is only available with 90CRI /
3000K CCT (930).

2. Prospec is only offered in White (WH) and Black (BK).

Features

- LED board:** COB LED.
- Integrated housing heat sink:** die-cast aluminum maintains LED junction temperature for minimum 50,000 hr lifetime at 70% lumen maintenance.
- Track attachment fitting:** Integral color in gray, black or white. Molded polycarbonate. Rotates into track and locks into place with the use of push tabs. Located at center of mass to allow for fixture to hang vertically straight on track and with extensions wands and other track accessories.
- Push tab:** Molded polycarbonate. Locks and detaches unit.
- Track adapter housing:** Die-cast aluminum.
- Movable brass contact:** Brass extends for connection to 2nd circuit (Advent track only).
- Pivot mounts:** Allows for 350° horizontal. Vertical rotation of +/- 90° from vertical aim to the floor.
- Driver housing:** Extruded aluminum housing with die-cast aluminum covers.
- Interchangeable optics:** High efficiency metalized coating providing up to 98% total reflectivity for optimal light quality, beam control and punch. Reflector has lens attached which protects reflector finish and LEDs from contamination. Tool-less installation. Reflector sold separately to allow field replaceability.
- Finishes:** Painted with a baked enamel. Contains some powder coated finishes.

Dimming

Trailing edge (ELV) dimming compatible

ZP425QE Philips Controls (3%)
SELV-300P Lutron Skylark (3%)
MAELV-600 Lutron (3%)
6615-POW Leviton (8%)

Mounting

Compatible with all Monopoint, Multipoint, recessed track, suspension track, suspension stems, sloped ceiling adapters as well as Basic, Advent and Radius track systems. Ceiling and horizontal or vertical wall mounted (adapters available for Prospec, Halo, Juno and ConTech).

Electrical

Electronic power supply

Input voltage: 120V, 60Hz
Input power: 9W
Efficacy: 100lm/W (nominal) @ 3000K
High power factor: >0.9
CRI: 80-85 (typical)

Labels

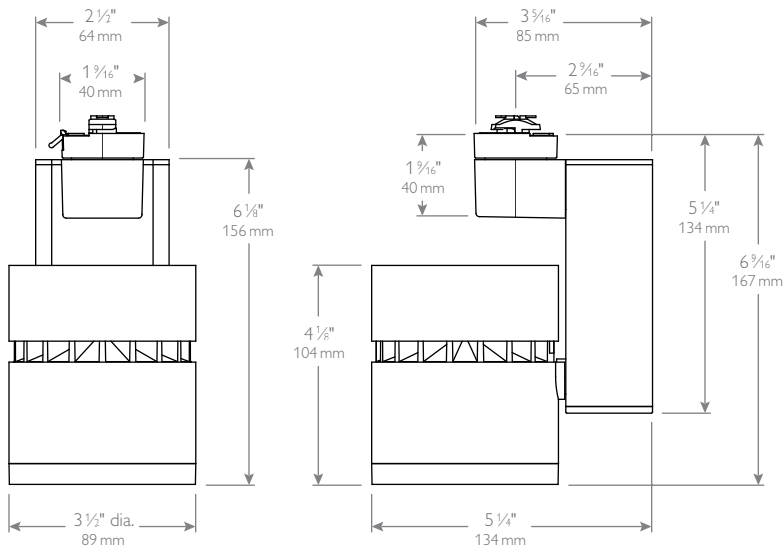
cULus Listed.
5 year warranty.
ENERGY STAR® certified
(without accessories).



LLAV01 Alcyon LED

Vertical Cylinder, 9 W / 900 lm

Dimensions



Accessories



Alcyon LED track lighting offers a full range of high performance accessories for tinting, coloring and shaping of the light beam. All accessories are designed to attach easily. A complete accessory consists of a size and series suffix.

Components

1. Housing
2. Reflector
3. Accessory holder
4. Accessory spring
5. Diffusion filters
6. Hex cell louver
7. Snoot
8. Aperture ring

Diffusion/special filters

LLAV11 = 3-1/8" dia.



LS Linear spread lens



FR Frosted etched lens



SF Solite soft focus lens



SY Soft Focus lens

Hex cell louvers

LLAHCA11 = 3-1/8" dia.



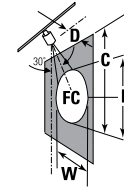
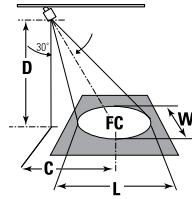
Only available
in matte black

LLAV01 Alcyon LED

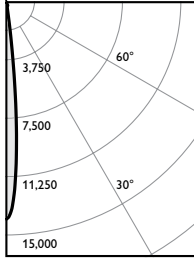
Vertical Cylinder, 9 W / 900 lm

Aiming angles

L and W are the outer points where the candle power drops to 50% of the maximum. FC are the initial footcandles at the center of the beam. Data shown is for 3000K, for 2700K multiply FC by 0.91.



L Beam length
D Distance
W Beam Width
A Aiming Angle
FC Footcandles
C Distance to center beam
CBCP Center Beam Candlepower.



Fixture: LLAV0130WH Reflector: LLAV11RNS

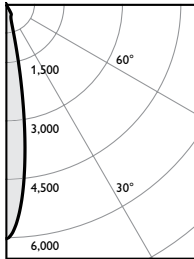
CCT¹: 3000K
Output lumens: 920 lms
Input watts²: 9W
Efficacy: 102.2lm/w
CRI: 80 min
CBCP: 13,966cd
Beam Angle: 11°
Field Angle: 21°
Report no³: 1068GFR

Narrow Spot 30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	252	1.5	1.3
8	4.6	142	2.1	1.8
10	5.8	91	2.6	2.2
12	6.9	63	3.1	2.7

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	436	1.6	0.8
3	5.2	194	2.4	1.2
4	6.9	109	3.2	1.5
5	8.7	70	4.0	1.9



Fixture: LLAV0130WH Reflector: LLAV11RS

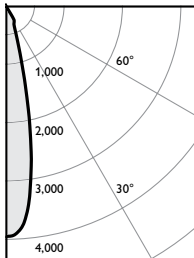
CCT¹: 3000K
Output lumens: 922 lms
Input watts²: 9W
Efficacy: 103.6lm/w
CRI: 80 min
CBCP: 6,021cd
Beam Angle: 19°
Field Angle: 35°
Report no³: 1069GFR

Spot 30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	109	2.7	2.3
8	4.6	61	3.6	3.1
10	5.8	39	4.5	3.9
12	6.9	27	5.4	4.6

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	188	2.9	1.3
3	5.2	84	4.4	2.0
4	6.9	47	5.8	2.7
5	8.7	30	7.3	3.3



Fixture: LLAV0130WH Reflector: LLAV11RNF

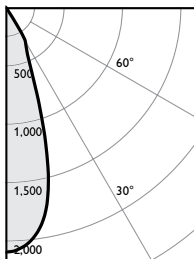
CCT¹: 3000K
Output lumens: 917 lms
Input watts²: 9W
Efficacy: 101.9lm/w
CRI: 80 min
CBCP: 3,939cd
Beam Angle: 24°
Field Angle: 47°
Report no³: 1070GFR

Narrow Flood 30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	71	3.5	2.9
8	4.6	40	4.6	3.9
10	5.8	26	5.8	4.9
12	6.9	18	6.9	5.9

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	123	3.9	1.7
3	5.2	55	5.9	2.6
4	6.9	31	7.9	3.4
5	8.7	20	9.8	4.3



Fixture: LLAV0130WH Reflector: LLAV11RF

CCT¹: 3000K
Output lumens: 898 lms
Input watts²: 9W
Efficacy: 99.8lm/w
CRI: 80 min
CBCP: 2,097cd
Beam Angle: 36°
Field Angle: 65°
Report no³: 1071GFR

Flood 30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	38	5.4	4.5
8	4.6	21	7.2	6.0
10	5.8	14	9.0	7.5
12	6.9	9	10.8	9.0

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	66	7.6	2.6
3	5.2	29	11.4	3.9
4	6.9	16	15.2	5.2
5	8.7	10	19.0	6.5

