



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.

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

Fixture

example: LLAV2040AL

Series	Lumens	CRI/CCT*	Adapter	Finish	Options
LLAV	20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LLAV Alcyon LED vertical cylinder	20 21W 2000lm	27 80CRI/2700K 30 80CRI/3000K 40 80CRI/4000K 927 90CRI/2700K 930 90CRI/3000K ¹	— Lightolier H Halo J Juno P Prospec ² See above	WH White AL Alum. BK Black See above	— no options CW CrispWhite ¹

Reflector

example: LLAV11RNF

Series	Lumens	Reflector
LLAV	11	<input type="checkbox"/>
LLAV Alcyon LED vertical cylinder	11 Compatible with 9W/900lm, 14W/1300lm & 21W/2000lm	RNS 10° Narrow Spot RS 18° Spot RNF 24° Narrow flood RF 36° Flood

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

SR400RPC120	Philips Controls Sunrise (3%)
ZP425QE	Philips Controls (6%)
SELV-300P	Lutron Skylark (4%)
IPE04	Leviton Decora (4%)

Accessories

example: LLA11SNBK

Series	Finish
<input type="checkbox"/>	<input type="checkbox"/>
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).

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, 60 Hz
 Input power: 21W
 Efficacy: 64 lm/W (nominal) @ 3000 K
 High power factor: >0.9
 CRI: 80-85 (typical)

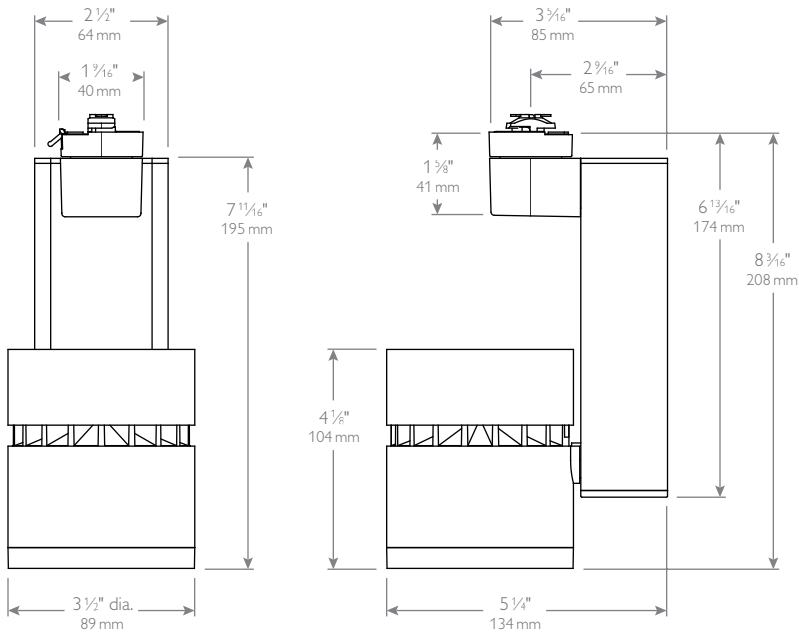
Labels

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

LLAV20 Alcyon LED Vertical

Cylinder, 21W/2000lm

Dimensions



	Beam spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)
LLAV11RNS Narrow Spot	10°	27,029	50,000
LLAV11RS Spot	18°	11,605	50,000
LLAV11RNF Narrow Flood	24°	7,581	50,000
LLAV11RF Flood	36°	4,045	50,000

Note: LLAV11R is used on 600/1000/2000lm fixture

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.

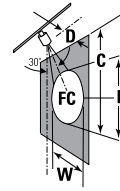
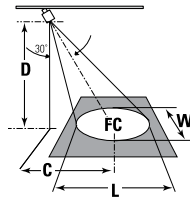


LLAV20 Alcyon LED Vertical

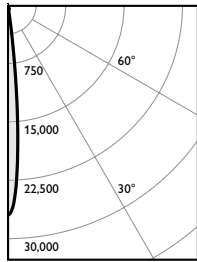
Cylinder, 21W/2000lm

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: LLAV2030WH
Reflector: LLAV11RNS

CCT!: 3000K
Output lumens: 1778 lms
Input watts²: 21.1W
Efficacy: 84.3lm/w
CRI: 80 min
CBCP.: 27,029cd
Beam Angle: 11°
Field Angle: 21°
Report no³: 1075GFR

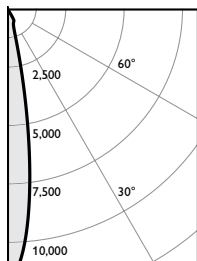
Narrow Spot

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	488	1.5	1.3
8	4.6	274	2.1	1.8
10	5.8	176	2.6	2.2
12	6.9	122	3.1	2.7

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	845	1.6	0.8
3	5.2	375	2.4	1.2
4	6.9	211	3.2	1.5
5	8.7	135	4.0	1.9



Fixture: LLAV2030WH
Reflector: LLAV11RS

CCT!: 3000K
Output lumens: 1779 lms
Input watts²: 21.0W
Efficacy: 84.7lm/w
CRI: 80 min
CBCP.: 11,605cd
Beam Angle: 19°
Field Angle: 35°
Report no³: 1074GFR

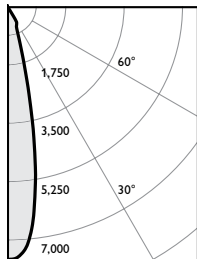
Spot

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	209	2.7	2.3
8	4.6	118	3.6	3.1
10	5.8	75	4.5	3.9
12	6.9	52	5.4	4.6

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	363	2.9	1.3
3	5.2	161	4.4	2.0
4	6.9	91	5.8	2.7
5	8.7	58	7.3	3.3



Fixture: LLAV2030WH
Reflector: LLAV11RNF

CCT!: 3000K
Output lumens: 1765 lms
Input watts²: 21.0W
Efficacy: 84.0lm/w
CRI: 80 min
CBCP.: 7,571cd
Beam Angle: 24°
Field Angle: 47°
Report no³: 1073GFR

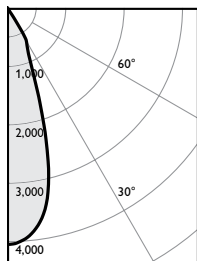
Narrow Flood

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	137	3.5	2.9
8	4.6	77	4.6	3.9
10	5.8	49	5.8	4.9
12	6.9	34	6.9	5.9

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	237	3.9	1.7
3	5.2	105	5.9	2.6
4	6.9	59	7.9	3.4
5	8.7	38	9.8	4.3



Fixture: LLAV2030WH
Reflector: LLAV11RF

CCT!: 3000K
Output lumens: 1732 lms
Input watts²: 21.0W
Efficacy: 82.5lm/w
CRI: 80 min
CBCP.: 4,045cd
Beam Angle: 36°
Field Angle: 65°
Report no³: 1072GFR

Flood

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	73	5.4	4.5
8	4.6	41	7.2	6.0
10	5.8	26	9.0	7.5
12	6.9	18	10.8	9.0

30° Vertical Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	126	7.6	2.6
3	5.2	56	11.4	3.9
4	6.9	32	15.2	5.2
5	8.7	20	19.0	6.5

