www.osram.us/traxon

Product Highlights:

- Available in RGB, RGBW, RGBA, DW, and WHITE
- Lengths: 1ft and 4ft
- 60°x10°, 60°x30°, 10°x10°, 40°x40° optics
- User configurable segment control
- Full RDM functions and DMX personalities
- DynaMood® Technology:
  - AddressOne
  - BinOne
  - BoostOne

Light is powerful

Allegro Linear AC

A new generation of intelligent & powerful Linear family.

Light is OSRAM

Our Brands

traxon e:cue

OSRAM

Allegro Linear AC

The all new Allegro Linear AC is a powerful, yet energy efficient luminaire family, embedded with Traxon DynaMood® technology. Designed with optimized optics with beam angles of 60°x10°, 60°x30°, 10°x10°, 40°x40° and in two standard lengths: 1ft and 4ft. Available in standard RGBW and RGB, dynamic white and white options, the IP66 rated outdoor luminaire is designed for architectural color-changing façade lighting and outdoor high brightness linear lighting applications, providing a vast light output greater than 3,000 lumens on RGBW (55W; 4ft). The Allegro Linear AC family is highly robust to its environments, with impact ratings of IK07, and active over-temperature protection, allowing consistent performance over the lifetime of the luminaire. Our expertise in control technology, the DynaMood® features such as AddressOne for addressing, BinOne LED bin control, and BoostOne for the utilization of power to specific channel are part of the system - including Remote Device Management (RDM). These luminaires feature advance settings that can be configured with our e:cue control system.

Advantages & Benefits

Traxon DynaMood®

- AddressOne: flexible addressing
- BinOne: Consistent bin control
- BoostOne: Intelligent utilization of power

Optimized Optical performance

- Beam angles 60°x10°, 60°x30°, 10°x10°, 40°x40°

Control and interconnection

- Easy daisy-chain IN/OUT connectors
- Remote Device Management for full control
- Active temperature monitoring
- User configurable control segments (1ft) for flexible installation

Robust to environmental conditions

- IK07 impact resistant
- IP66 ingress protection
- Wind & Vibration standard conforming to IEC 60598-2-3:2002 / 3G ANSI c136.31

Family Design

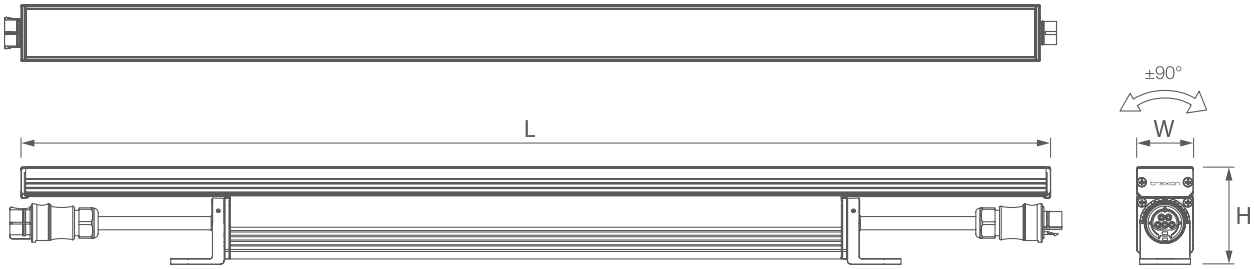
- Consistent design in 1ft (15W) & 4ft (55W)

Applications

- Stadiums
- Building Façades
- Landscapes
- Bridges
- Area Structures

Allegro Linear AC

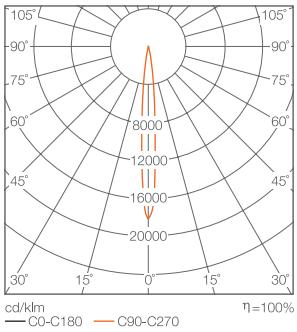
Dimensions



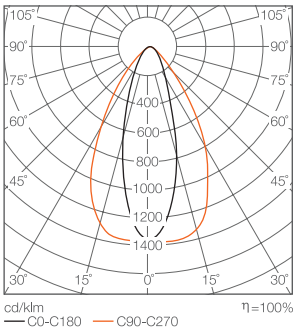
	15W	55W
L	320mm/12.6”	1215mm/47.8”
W	50mm/2.0”	
H	86mm/3.4”	

Photometrics

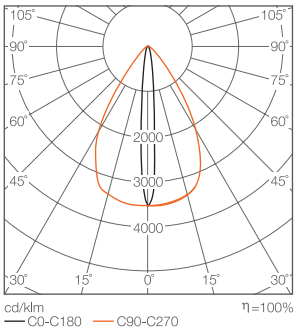
AL Linear AC RGBW 10



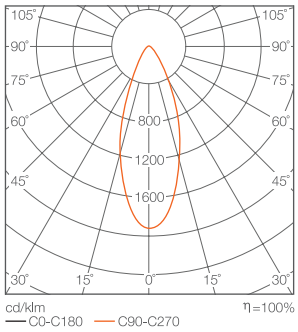
AL Linear AC RGBW 60X30



AL Linear AC RGBW 60X10



AL Linear AC RGBW 40



Product Reference	Ordering Code		AC/DC	V	W	∠°	lm	l [in]	W [in]	h [in]	°F min.-max.	CONTROL
Fixture												
AL LINEAR AC 300 RGBW 10 ETL	AM322790055	RGBW	AC	120-277	15	10	813	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGBW 60X10 ETL	AM322090155	RGBW	AC	120-277	15	60X10	778	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGBW 60x30 ETL	AM322690055	RGBW	AC	120-277	15	60X30	725	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGBW 40 ETL	AM322880055	RGBW	AC	120-277	15	40	857	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBW 10 ETL	AM322820055	RGBW	AC	120-277	55	10	3275	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBW 60X10 ETL	AM322500155	RGBW	AC	120-277	55	60X10	3132	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBW 60x30 ETL	AM322730055	RGBW	AC	120-277	55	60X30	2956	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBW 40 ETL	AM322920055	RGBW	AC	120-277	55	40	3501	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGB 10 ETL	AM328420055	RGB	AC	120-277	15	10	655	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGB 60X10 ETL	AM327140055	RGB	AC	120-277	15	60X10	622	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGB 60x30 ETL	AM327280055	RGB	AC	120-277	15	60X30	578	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGB 40 ETL	AM328520055	RGB	AC	120-277	15	40	691	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGB 10 ETL	AM328470055	RGB	AC	120-277	55	10	2511	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGB 60X10 ETL	AM327170055	RGB	AC	120-277	55	60X10	2389	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGB 60x30 ETL	AM327310055	RGB	AC	120-277	55	60X30	2249	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGB 40 ETL	AM328550055	RGB	AC	120-277	55	40	2663	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 DW 10 ETL	AM351820055	DW	AC	120-277	15	10	860	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 DW 60X10 ETL	AM329270055	DW	AC	120-277	15	60X10	831	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 DW 60X30 ETL	AM351740055	DW	AC	120-277	15	60X30	773	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 DW 40 ETL	AM351900055	DW	AC	120-277	15	40	905	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 DW 10 ETL	AM351850055	DW	AC	120-277	55	10	3554	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 DW 60X10 ETL	AM329310055	DW	AC	120-277	55	60X10	3434	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 DW 60X30 ETL	AM351770055	DW	AC	120-277	55	60X30	3193	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 DW 40 ETL	AM351930055	DW	AC	120-277	55	40	3740	47.8	2	3.4	-22 to +122	DMX512/RDM

Allegro Linear AC

Product Reference	Ordering Code		AC/DC	V	W	∠°	lm	l [in]	W [in]	h [in]	°F min.-max.	CONTROL
AL LINEAR AC 300 RGBA 10 ETL	AM354250055	RGBA	AC	120-277	15	10	551	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGBA 60X10 ETL	AM327780055	RGBA	AC	120-277	15	60X10	532	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGBA 60X30 ETL	AM354370055	RGBA	AC	120-277	15	60X30	495	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 RGBA 40 ETL	AM354330055	RGBA	AC	120-277	15	40	580	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBA 10 ETL	AM354280055	RGBA	AC	120-277	55	10	2219	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBA 60X10 ETL	AM327810055	RGBA	AC	120-277	55	60X10	2145	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBA 60X30 ETL	AM354400055	RGBA	AC	120-277	55	60X30	1994	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 RGBA 40 ETL	AM354360055	RGBA	AC	120-277	55	40	2336	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 27 DX 10 ETL	AM352870055	2700K	AC	120-277	15	10	700	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 27 DX 60X10 ETL	AM353060055	2700K	AC	120-277	15	60X10	676	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 27 DX 60X30 ETL	AM353140055	2700K	AC	120-277	15	60X30	629	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 27 DX 40 ETL	AM352980055	2700K	AC	120-277	15	40	737	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 27 DX 10 ETL	AM352930055	2700K	AC	120-277	55	10	2898	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 27 DX 60X10 ETL	AM353090055	2700K	AC	120-277	55	60X10	2801	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 27 DX 60X30 ETL	AM353170055	2700K	AC	120-277	55	60X30	2604	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 27 DX 40 ETL	AM353010055	2700K	AC	120-277	55	40	3051	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 30 DX 10 ETL	AM351560055	3000K	AC	120-277	15	10	827	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 30 DX 60X10 ETL	AM329380055	3000K	AC	120-277	15	60X10	799	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 30 DX 60X30 ETL	AM351450055	3000K	AC	120-277	15	60X30	743	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 30 DX 40 ETL	AM351660055	3000K	AC	120-277	15	40	871	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 30 DX 10 ETL	AM351610055	3000K	AC	120-277	55	10	3449	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 30 DX 60X10 ETL	AM329420055	3000K	AC	120-277	55	60X10	3369	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 30 DX 60X30 ETL	AM351510055	3000K	AC	120-277	55	60X30	3170	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 30 DX 40 ETL	AM351690055	3000K	AC	120-277	55	40	3683	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 40 DX 10 ETL	AM352060055	4000K	AC	120-277	15	10	901	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 40 DX 60X10 ETL	AM329470055	4000K	AC	120-277	15	60X10	871	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 40 DX 60X30 ETL	AM351980055	4000K	AC	120-277	15	60X30	810	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 40 DX 40 ETL	AM352140055	4000K	AC	120-277	15	40	948	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 40 DX 10 ETL	AM352090055	4000K	AC	120-277	55	10	3758	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 40 DX 60X10 ETL	AM329500055	4000K	AC	120-277	55	60X10	3670	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 40 DX 60X30 ETL	AM352010055	4000K	AC	120-277	55	60X30	3453	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 40 DX 40 ETL	AM352170055	4000K	AC	120-277	55	40	4012	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 57 DX 10 ETL	AM353400155	5700K	AC	120-277	15	10	909	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 57 DX 60X10 ETL	AM354010155	5700K	AC	120-277	15	60X10	878	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 57 DX 60X30 ETL	AM354050155	5700K	AC	120-277	15	60X30	817	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 300 57 DX 40 ETL	AM353440155	5700K	AC	120-277	15	40	957	12.6	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 57 DX 10 ETL	AM353430155	5700K	AC	120-277	55	10	3791	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 57 DX 60X10 ETL	AM354040155	5700K	AC	120-277	55	60X10	3702	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 57 DX 60X30 ETL	AM354080155	5700K	AC	120-277	55	60X30	3483	47.8	2	3.4	-22 to +122	DMX512/RDM
AL LINEAR AC 1200 57 DX 40 ETL	AM353470155	5700K	AC	120-277	55	40	4047	47.8	2	3.4	-22 to +122	DMX512/RDM
Accessories												
Quattro AC XB Data Injector (ETL Lighting / CE IT)	AB389160055											
5-pin Field Installable Male AC Connector Plug IP66	AA438580235											
5-pin Field Installable Female AC Connector Socket IP66	AA438570235											
3-pin Field Installable AC Connector Socket IP66	AA792890035											
XB 5C-AWG14 CABLE AC US 10M/32.8ft	AA639240054											
XB 5C-AWG14 CABLE AC US 50M/164ft	AA639250054											
XB 5C-AWG14 CABLE AC US 100M/328ft	AA569430155											
XB 3C-AWG14 CABLE AC US 10M/32.8ft	AA639270054											
XB 3C-AWG14 CABLE AC US 50M/164ft	AA639260054											
XB 3C-AWG14 CABLE AC US 100M/328ft	AA556630155											
RJ45 Male Connector Housing IP67	AA556100155											
5-pin Connector Socket End Cap IP66	AA508870335											

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Traxon e:cue

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