

ALLURA W (ALRW)

Visioneering Premium-Grade Suspended Linear Luminaire (Window)

Project:	Catalogue:	Type:
Notes:		

Product Description

The ALLURA Type W (ALRW) is a suspended luminaire designed to support a strong architectural aesthetic. Its defining interior window reveals the ceiling plane, creating a distinctive visual feature that reinforces the fixture's integrated design intent. The slim housing and bi-directional distribution provide controlled, low-glare illumination suited to professional environments while maintaining a clean, refined presence. This combination of form and function allows the fixture to contribute to the overall architectural expression of the space.

Applications

Boardrooms, corridors, classrooms, studio lofts, and offices



Features

- Slim, linear profile
- Suitable for row-mounting
- Clear lens with debris shield
- Standard low voltage dimming (0-10v, 1%)
- Clean, open look

Featured Options

- Rectangular, open center aperture design
- Emergency lighting battery pack
- IOT integrated wireless solutions

Allura Family

For more information on other Allura products click [here](#)

Optical System

Frosted acrylic diffuser offer high levels of efficiency and visual comfort. The bi-directional optics provide a wide, uniform light distribution.

Mounting

Adjustable aircraft cable mounting system used at each hanging location. (Ordered separately)

Construction

Precision-formed steel housing assembly.

Finish

5-stage pretreatment, polyester powder coating.

Electrical

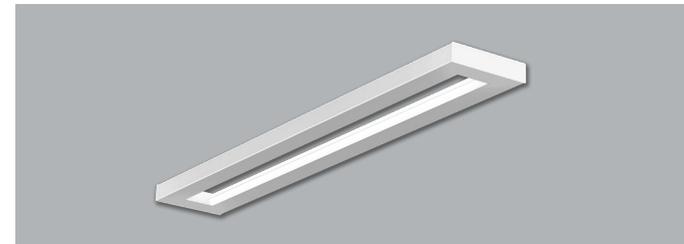
Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance for over 60,000 hours.

Warranty

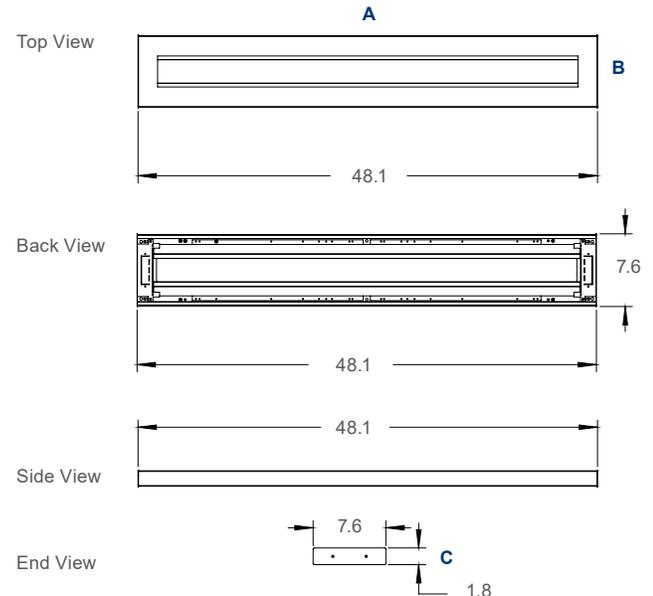
5-year limited warranty. For complete warranty, click here: [5YR Warranty](#)

Approvals

- ETL Listed.
- Suitable for dry and damp locations.
- RoHS Compliant.



Dimensions



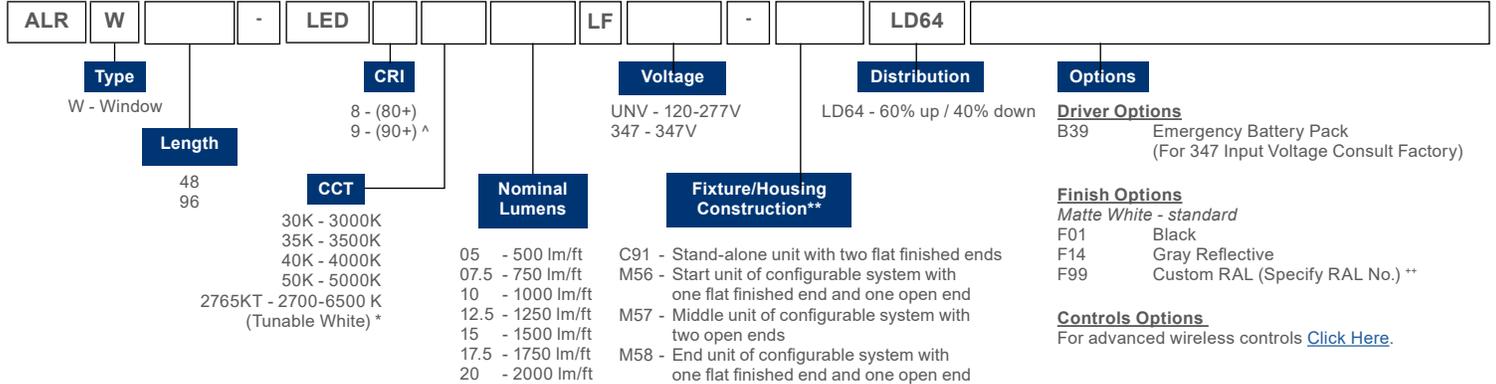
Dimensions (inch)			
Size	A	B	C
48	48	7.6	1.8
96	96	7.6	1.8

Consult the installation guide for exact dimensions.

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Order Key

EXAMPLE: ALRW48-LED940K15LF-347-C91LD64B39F01



^ 90+ CRI reduces lumen output by 20%. Consult factory for lead times and availability.

* When Selecting 2765KT, if a tunable white-compatible control is not selected the luminaire will come standard with two sets of 0-10V wires for dimming and color tuning (see tunable white diagram for details). For compatible control options please consult factory.

** For all units, power feeds, canopies & air craft cables must be ordered separately. See "How to order" section for details.

** Minimum order quantity may apply. Consult factory.

Other options may be available, consult factory.

How to Order configurable system

Step 1) Select desired unit from order key above

Part #	Description
C91	Stand-alone unit
M56	Start Unit
M57	Middle Unit
M58	End Unit

Step 2) For configurable system only, select desired connector(s), or stand-alone models, see step 3.

Part #	Description
	For straight row mounting, no connector needed
KIT00485	Elbow Connector (90 Degrees)
KIT00486	T Connector
KIT00487	Cross Connector

Step 3) Select suspension kit(s) and power feed(s) ****

Part#	Description
KIT00200	48" Air Craft Cable & Canopy
KIT00201	5-Wire UNV Power Feed with 48" Air Craft Cable & Canopy
KIT00221 †	6-Wire UNV Power Feed with 48" Air Craft Cable & Canopy (Emergency)
KIT00202	3-Wire 347V Power Feed with 48" Air Craft Cable & Canopy (Non-dimmable)
KIT00203	5-Wire 347V Power Feed with 48" Air Craft Cable & Canopy

**** One power feed is recommended for every 40 feet based on 6000 lumens unit on 120V 15A current.

**** For other suspension kit lengths, please consult factory. The standard finishing for fixtures, connectors, and suspension kits is white. Other finishing option may be available, consult factory.

† Emergency suspension kit must be connected to the housing containing emergency battery pack.

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Performance Data

ALRW Performance Chart				
Size	Nominal Lumens	Delivered Lumens	Watts	Efficacy
48	05L	2071	14.3	145
	7.5L	3068	20.48	150
	10L	4095	27.84	147
	12.5L	5061	34.82	145
	15L	6073	42.39	143
	17.5L	7069	50.07	141
	20L	8066	57.86	439
96	05L	4142	28.6	144
	7.5L	6042	40.49	149
	10L	8066	54.72	147
	12.5L	10059	69.16	145
	15L	12083	84.3	143
	17.5L	14139	100.15	141
	20L	16132	115.72	139

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

	Calculated Hours	Reported Hours
L70	≥238,000	>60,000
L80	≥149,000	>60,000
L90	≥71,000	>60,000

Values based on 840K with standard lens at 25°C.

EM Ordering Guide

EM Function	Order Code	Description	Notes
Standard EM	B39	10W EM battery pack	Standard 10W output, 90 minute run time in emergency mode.
High Wattage EM	B39(20W)	20W EM battery pack	Standard 20W output, 90 minute run time in emergency mode.
347V EM	347...B39	8W 347V EM battery pack	Fixture part number indicates 347V input voltage.
347 High Wattage EM	347...B39(20W)	20W 347V EM battery pack	Fixture part number indicates 347V input voltage.
Self Testing EM	B39(SD)	10W Self test EM battery pack	Self test instructions provided with each fixture. Digital copies available as needed.
Cold Weather	B06...B39	10W Cold weather EM battery pack suitable to -20°C	Standard EM battery pack 0°C minimum temperature.
120 Minute EM	B39(2HR)	EM battery pack with 120 minute minimum run time	Standard 14W output, 120 minute run time in emergency mode.
Specified EM	B39(xx)	Customer to specify brand, model number and/or feature.	xx Indicates model number of specified by Leviton.

Tunable White

When Selecting 2765KT, if a tunable white-compatible control is not selected the luminaire will come standard with two sets of 0-10V wires for dimming and color tuning. For compatible control options please consult factory.

Dim and CCT control wire colors are subject to change without notice. All control wires are marked per the parentheses.



Project:	Catalogue:	Type:
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Popular Configurations

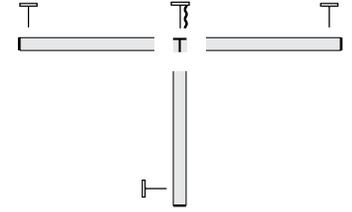
Stand-alone

Part#	Description	Qty.
C91		1
KIT00200		1
KIT00201		1



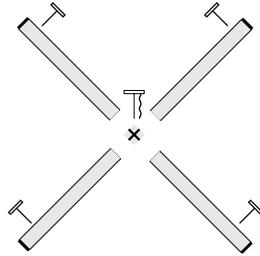
Tee

Part#	Description	Qty.
M58 Unit		3
KIT00200		3
KIT00201		1
KIT00486		1



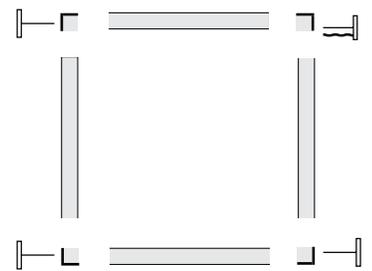
Cross

Part#	Description	Qty.
M58 Unit		4
KIT00200		4
KIT00201		1
KIT00487		1



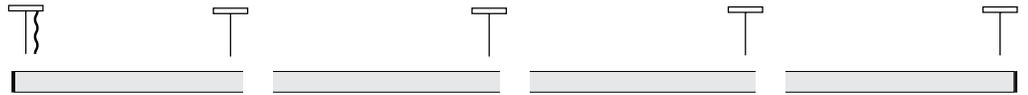
Square / Rectangle

Part#	Description	Qty.
M57 Unit		4
KIT00200		3
KIT00201		1
KIT00485		4



Row

Part#	Description	Qty.
M56 Unit		1
M57 Unit		2
M58 Unit		1
KIT00200		4
KIT00189		1

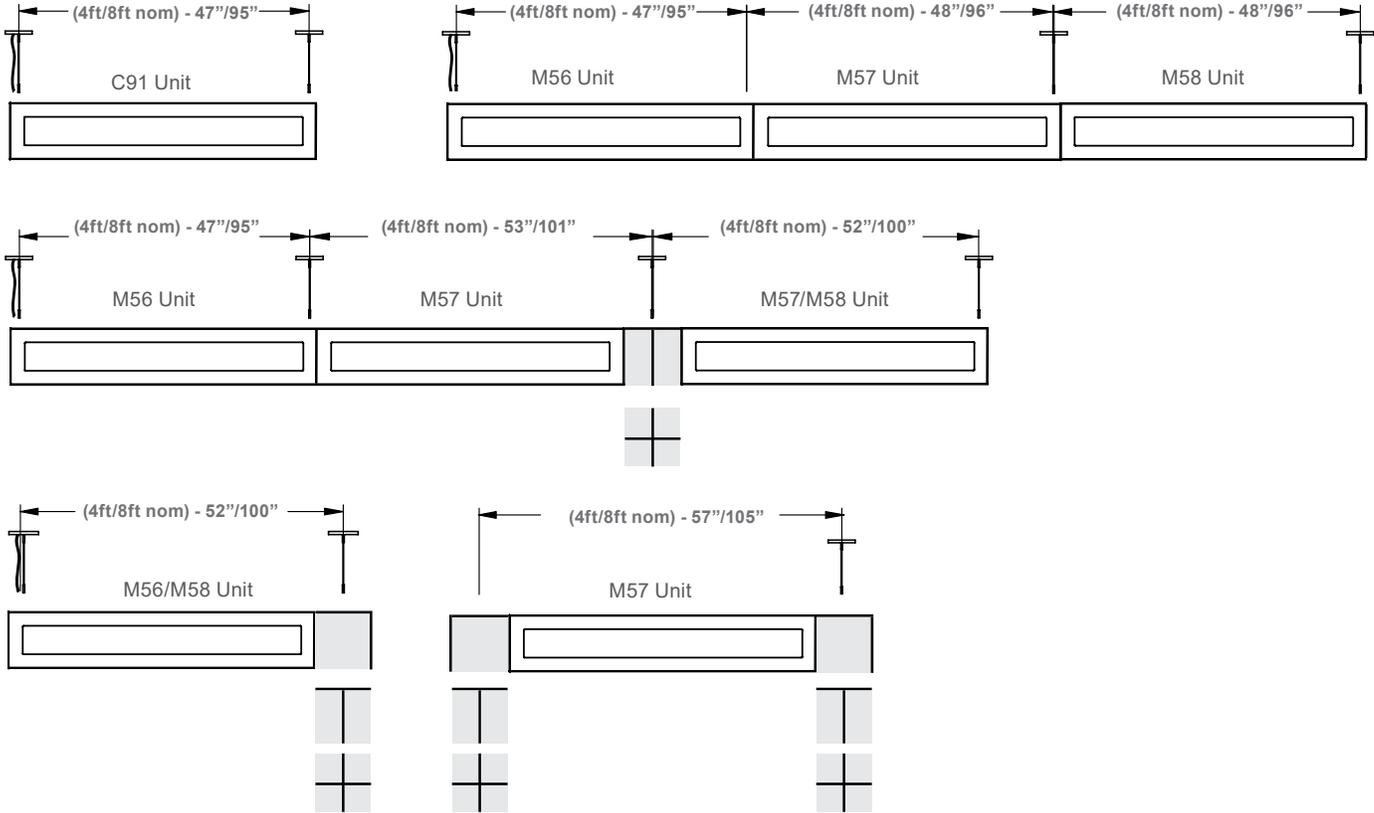


ALLURA W (ALRW)

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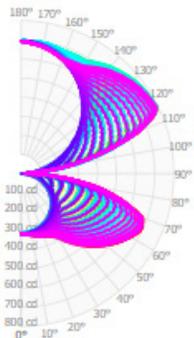
Project:	Catalogue:	Type:
Notes:		

Mounting Points



Photometrics

IES File: **ALRW48-LED840K12.5LFUNV-LD64**
 Lumens: **N/A**
 Wattage: **34.82**
 Efficacy: **145**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	266	5.2%
0.0° - 40.0°	478	9.5%
0.0° - 60.0°	1132	22.4%
0.0° - 90.0°	2102	41.5%
0.0° - 110.0°	2626	51.9%
0.0° - 130.0°	3670	72.5%
0.0° - 150.0°	4512	89.2%
0.0° - 170.0°	4995	98.7%
0.0° - 180.0°	5061	100.0%

Average Luminance Table (cd/m²) CP Summary

	0.00°	45.00°	90.00°
0.00°	1336	1336	1336
45.00°	3233	2287	1384
55.00°	4641	3199	1404
65.00°	6975	4767	1436
75.00°	9083	7637	1484
85.00°	10248	9320	1207

Coefficients of Utilization

Values are lumens delivered to the workplane from a single luminaire

pc	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	5320	5320	5320	5320	4852	4852	4852	4852	3979	3979	3979	3180	3180	3180	2447	2447	2447	2102						
1	4736	4470	4231	4016	4295	4067	3861	3674	3311	3160	3021	2617	2509	2409	1978	1903	1833	1530						
2	4241	3805	3444	3141	3831	3455	3142	2876	2800	2566	2364	2195	2025	1876	1636	1517	1410	1144						
3	3820	3278	2858	2524	3443	2975	2608	2312	2404	2127	1899	1875	1672	1500	1385	1240	1116	882						
4	3462	2856	2412	2073	3116	2592	2201	1900	2093	1795	1559	1629	1408	1228	1198	1038	907	700						
5	3155	2513	2064	1733	2838	2281	1885	1588	1843	1537	1304	1434	1205	1025	1053	887	754	571						
6	2888	2229	1787	1469	2599	2025	1632	1347	1638	1333	1106	1277	1046	870	939	770	638	476						
7	2657	1993	1562	1260	2392	1812	1429	1156	1469	1169	950	1147	918	748	846	677	548	404						
8	2454	1794	1378	1093	2212	1633	1262	1003	1327	1034	825	1039	815	650	769	602	477	348						
9	2276	1625	1226	956	2054	1481	1123	878	1206	923	724	948	729	571	704	541	421	304						
10	2120	1481	1099	844	1915	1351	1008	776	1104	830	640	870	657	507	649	489	374	268						

Effective Floor Cavity Reflectance: 20%

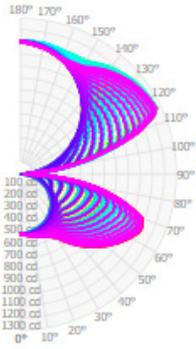
ALLURA W (ALRW)

Visioneering Premium-Grade Suspended Linear Luminaire (Window)

Project:	Catalogue:	Type:
Notes:		

Photometrics

IES File: **ALRW48-LED840K20LFUNV-LD64**
 Lumens: **N/A**
 Wattage: **57.86**
 Efficacy: **139**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	423	5.2%
0.0° - 40.0°	762	9.5%
0.0° - 60.0°	1804	22.4%
0.0° - 90.0°	3350	41.5%
0.0° - 110.0°	4185	51.9%
0.0° - 130.0°	5848	72.5%
0.0° - 150.0°	7191	89.2%
0.0° - 180.0°	8066	100.0%

Average Luminance Table (cd/m²) CP Summary

	0.00°	45.00°	90.00°
0.00°	2129	2129	2129
45.00°	5153	3644	2205
55.00°	7397	5098	2238
65.00°	11116	7597	2288
75.00°	14476	12171	2365
85.00°	16332	14854	1924

Coefficients of Utilization

Values are lumens delivered to the workplane from a single luminaire

pc	80%			70%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	8479	8479	8479	8479	7734	7734	7734	7734	6342	6342	6342	5069	5069	5069	3899	3899	3899	3350
1	7549	7124	6744	6401	6846	6481	6153	5855	5277	5036	4815	4172	3999	3839	3152	3033	2921	2439
2	6759	6063	5489	5006	6105	5507	5007	4584	4462	4090	3768	3499	3228	2991	2607	2417	2248	1824
3	6089	5224	4556	4023	5487	4741	4156	3685	3831	3390	3026	2989	2664	2391	2207	1976	1778	1405
4	5518	4552	3845	3304	4967	4131	3508	3027	3335	2861	2485	2596	2244	1958	1909	1655	1445	1116
5	5028	4004	3290	2762	4524	3635	3004	2531	2937	2450	2078	2286	1921	1634	1679	1414	1201	910
6	4603	3553	2847	2341	4143	3228	2602	2147	2611	2125	1763	2035	1667	1386	1496	1227	1016	758
7	4234	3176	2490	2009	3813	2888	2277	1843	2341	1863	1515	1829	1464	1192	1348	1079	874	643
8	3911	2859	2197	1742	3525	2603	2011	1599	2115	1648	1316	1656	1298	1036	1225	960	761	554
9	3628	2590	1954	1524	3273	2361	1790	1400	1923	1471	1154	1511	1161	911	1122	861	670	484
10	3378	2360	1751	1345	3052	2154	1606	1236	1759	1322	1021	1386	1047	807	1034	780	596	428

Effective Floor Cavity Reflectance: 20%