

ALTO Pendant - Square Corners

Visioneering Architectural Suspended Luminaire with Regressed Lens

Project:	Catalogue:	Type:
Notes:		

Product Description

The ALTO is a suspended pendant luminaire featuring modern styling and high visual comfort. A single regressed lens with square corners creates a soft, inviting glow while delivering uniform illumination across architectural spaces. High-performance LED technology optimizes energy consumption without compromising brightness.

Applications

Office areas, retail stores, classrooms, hospitals, nursing homes, and hospitality



Features

- Fully luminous aperture
- Even illumination
- 1.25" Regressed lens
- Aperture with rounded corners
- 1x4, 2x2 and 2x4 configurations
- Standard low voltage dimming (0-10v, 1%)

Options

- Emergency lighting battery pack
- Integral wireless controls
- DALI
- Available in 80 or 90 CRI, with CCT options ranging from 3000K to 5000K, including tunable white capabilities

Other Configurations

- Medical, Behavioral Health, MRI
- Recessed grid
- Rounded corners

Optical System

Frosted single-piece diffuser regressed 1" into fixture housing.

Mounting

Adjustable aircraft cable mounting system used at each hanging location.

Construction

Die-formed, cold rolled code-gauge steel housing assembly. Wiring access plates and knockouts are provided on back of housing.

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. Standard low voltage dimming (0-10v) driver.

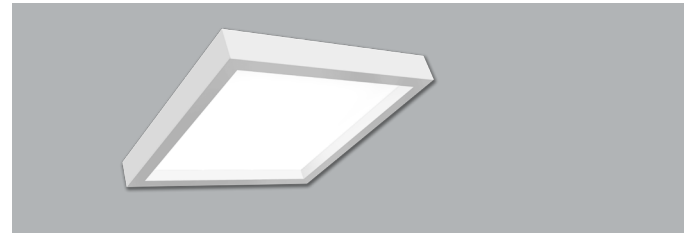
Warranty

5-year limited warranty. For complete warranty, click here:



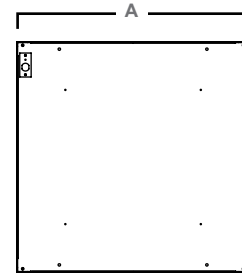
Approvals

- ETL Certified to UL1598 and CSA22.2 no 250.0
- Tested in accordance to IESNA LM-79
- Suitable for dry and damp locations
- RoHS Compliant



Dimensions

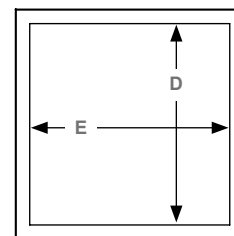
Top View



End View



Bottom View



Dimensions (inch)					
Size	A	B	C	D	E
1x4	48.00"	12.00"	3.00"	45.00"	9.00"
2x2	24.00"	24.00"	3.00"	21.00"	21.00"
2x4	48.00"	24.00"	3.00"	45.00"	21.00"

Consult installation guide for exact dimensions.

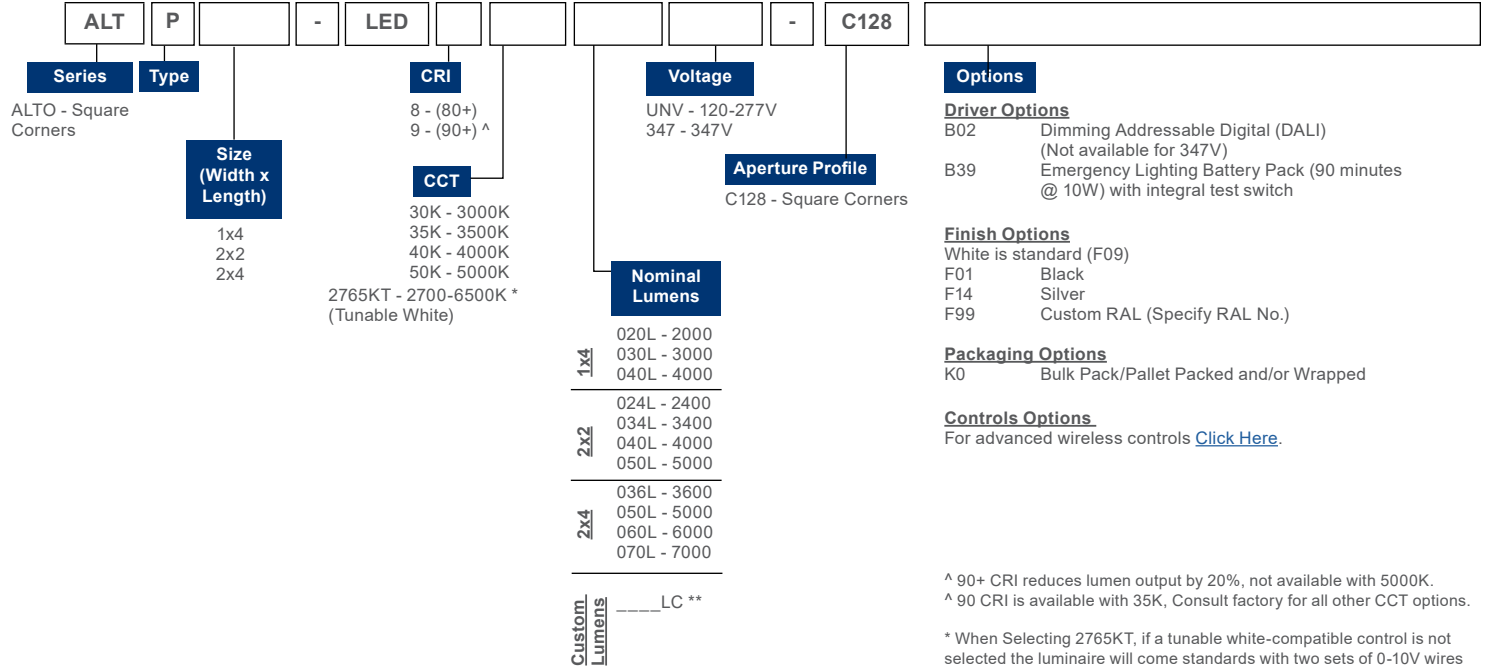
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Visioneering Architectural Suspended Luminaire with Regressed Lens

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Order Key

EXAMPLE: ALTP2x2-LED840K040LUNV-C128



^ 90+ CRI reduces lumen output by 20%, not available with 5000K.
^ 90 CRI is available with 35K, Consult factory for all other CCT options.

* When Selecting 2765KT, if a tunable white-compatible control is not selected the luminaire will come standards 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.

Tunable configurations feature 80CRI standard. Consult factory for 90CRI availability.

Other options may be available, consult factory.
Specifications and data subject to change without notice.


Available Options



C129 option

For ALTO Pendant - Rounded Corners spec sheet - [Click Here](#)

Power and Installation Kits (Ordered Separately)

Part#	Description
KIT00469	 UNV Stand-Alone / Start of Run Power Kit 2 x 48" Y Air Craft Cable & Canopies with UNV Power Feed

For larger installations with multiple ALTO, please 'consult factory'.

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Performance Data

LED Performance Data				
Size	Nominal Lumens	C129		
		Delivered Lumens	Watts	Lumens Per Watt
1x4	2000	2086	16	131
	3000	3099	24	128
	4000	4209	33	126
2x2	2400	2441	19	131
	3400	3482	27	129
	4000	4111	32	127
	5000	5101	41	125
2x4	3600	3788	27	140
	5000	5206	38	138
	6000	6247	46	137
	7000	7280	54	136

**Custom Lumens		
Size	Nominal Lumens Range	Watts
1x4	2000 - 4000	16 - 33
2x2	2400 - 5000	19 - 41
2x4	3600 - 7000	27 - 54

*3000Lm Example:
ALTP2x2-LED840K030LCUNV-C128

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

Performance Scaling Factor

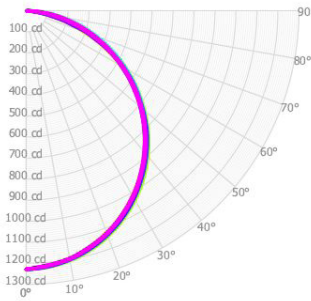
CRI	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

Lifetime Expectancy

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

Photometrics

IES File: **ALT2x2-LED840K034LUNV-C128**
Lumens: **N/A**
Wattage: **27.07**
Efficacy: **129**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	943	27.1%
0.0° - 40.0°	1542	44.3%
0.0° - 60.0°	2725	78.3%
0.0° - 90.0°	3483	100.0%

Average Luminance Table (cd/m²) CP Summary

	0.00°	45.00°	90.00°
0.00°	3407	3407	3407
45.00°	3148	3112	3232
55.00°	3043	2990	3129
65.00°	2897	2821	2978
75.00°	2687	2567	2552
85.00°	2580	2116	905

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	4146	4146	4146	4146	4049	4049	4049	4049	3869	3869	3869	3705	3705	3705	3554	3554	3554	3482				
1	3780	3611	3459	3322	3685	3532	3393	3268	3383	3269	3164	3246	3153	3067	3120	3046	2976	2902				
2	3433	3141	2900	2698	3340	3075	2853	2665	2951	2764	2602	2836	2680	2543	2730	2601	2486	2409				
3	3127	2755	2467	2237	3040	2699	2432	2217	2595	2366	2177	2498	2303	2139	2408	2243	2102	2024				
4	2861	2438	2129	1892	2780	2392	2102	1879	2304	2052	1852	2222	2004	1827	2146	1957	1802	1725				
5	2630	2177	1861	1627	2556	2138	1840	1618	2063	1801	1600	1994	1763	1582	1929	1727	1565	1490				
6	2428	1959	1645	1419	2361	1926	1629	1412	1863	1597	1399	1804	1567	1387	1748	1538	1374	1302				
7	2251	1776	1468	1252	2190	1748	1455	1247	1694	1430	1238	1643	1406	1228	1596	1382	1219	1149				
8	2095	1620	1321	1116	2040	1596	1311	1113	1550	1290	1105	1506	1271	1098	1465	1251	1092	1024				
9	1958	1487	1199	1004	1908	1466	1190	1001	1426	1173	996	1388	1157	990	1353	1141	985	921				
10	1835	1372	1095	910	1790	1354	1087	908	1319	1073	903	1286	1059	899	1255	1046	895	834				

Effective Floor Cavity Reflectance: 20%

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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 Viscor.

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.

