

# ALTO Pendant - Rounded 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 rounded 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
- Square 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.

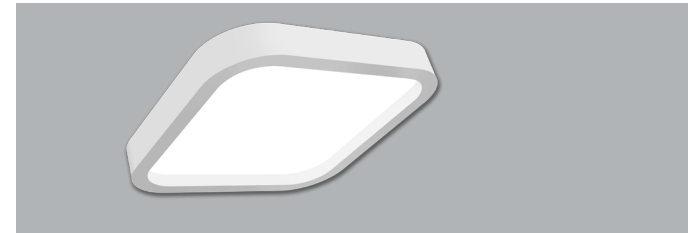
## Warranty

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



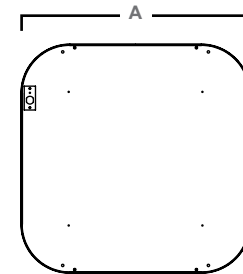
## Approvals

- 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

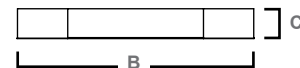


## Dimensions

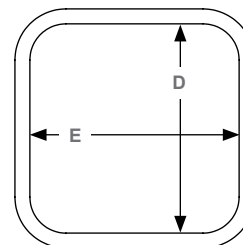
Top View



End View



Bottom View



Dimensions (inch)					
Size	A	B	C	D	E
1x4	48.00"	12.00"	3.03"	45.00"	9.00"
2x2	24.00"	24.00"	3.03"	21.00"	21.00"
2x4	48.00"	24.00"	3.03"	45.00"	21.00"

Consult installation guide for exact dimensions.



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## Performance Data

LED Performance Data				
Size	Nominal Lumens	C129		
		Delivered Lumens	Watts	Lumens Per Watt
1x4	2000	2026	16	127
	3000	3010	24	125
	4000	4087	33	122
2x2	2400	2401	19	129
	3400	3425	27	127
	4000	4044	32	125
	5000	5018	41	123
2x4	3600	3666	27	135
	5000	5039	38	134
	6000	6046	46	132
	7000	7046	54	131

**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-C129

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

## Performance Scaling Factor

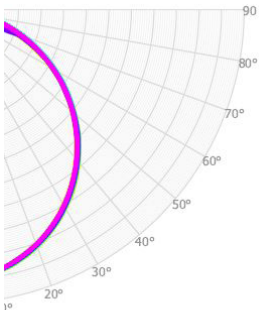
CRI	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809

## Lifetime Expectancy

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

## Photometrics

ALT2x2-LED840K034LUNV-C129  
N/A  
27.07  
127



### Zonal Lumen Summary

Zone	Lumens	%Fixture	pc
0.0° - 30.0°	926	27.0%	
0.0° - 40.0°	1515	44.2%	
0.0° - 60.0°	2678	78.2%	
0.0° - 90.0°	3424	100.0%	

### Average Luminance Table (cd/m<sup>2</sup>) CP Summary

	0.00°	45.00°	90.00°
0.00°	3339	3339	3339
45.00°	3097	3056	3160
55.00°	2997	2935	3057
65.00°	2855	2780	2903
75.00°	2647	2525	2511
85.00°	2536	2035	820

### Coefficients of Utilization

Values are lumens delivered to the workplane from a single luminaire

pw	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	4077	4077	4077	4077	3982	3982	3982	3982	3805	3805	3805	3643	3643	3643	3494	3494	3494	3424				
1	3717	3550	3401	3266	3623	3472	3336	3213	3326	3214	3111	3192	3100	3015	3068	2994	2926	2853				
2	3375	3088	2851	2652	3284	3023	2805	2620	2901	2717	2558	2788	2634	2500	2684	2557	2443	2368				
3	3074	2708	2425	2199	2988	2654	2391	2179	2551	2325	2140	2456	2263	2102	2367	2205	2066	1990				
4	2813	2397	2092	1860	2733	2351	2067	1847	2264	2017	1821	2184	1969	1795	2109	1924	1771	1695				
5	2585	2140	1829	1599	2513	2101	1809	1590	2028	1770	1572	1960	1733	1555	1896	1697	1538	1464				
6	2387	1926	1616	1394	2321	1893	1601	1388	1831	1570	1375	1773	1540	1363	1718	1512	1350	1279				
7	2213	1746	1443	1230	2153	1718	1430	1225	1665	1405	1216	1615	1381	1207	1568	1358	1198	1129				
8	2060	1593	1299	1097	2006	1569	1288	1093	1523	1268	1086	1480	1249	1079	1440	1230	1072	1006				
9	1924	1461	1178	986	1875	1441	1169	983	1401	1153	978	1364	1136	973	1329	1121	968	904				
10	1804	1348	1075	894	1760	1330	1068	892	1296	1054	887	1264	1041	883	1234	1028	879	819				

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.

