

# Stratis 4x4

LED - Fully Illuminated Backlit Premium Luminaire

Project:	Catalogue:	Type:
Notes:		

## Product Description

Premium-grade, low-profile LED luminaire, designed for versatility and superior performance. The Stratis seamlessly integrates into recessed, surface, and suspended applications, providing glare-free, uniform illumination with a fully illuminated aperture and even light distribution. The easy-access doorframe ensures effortless servicing. Ideal for automotive showrooms, lobbies, offices, schools, hospitals, and commercial buildings, this luminaire is the perfect upgrade from traditional fluorescent fixtures. Secure installation is guaranteed with anchor points at each corner for suspended cable mounting and hooks for seismic code compliance.

## Applications

Automotive showrooms, Lobbies, Convention Centers, Museums, Theaters and more.

## Features

- Ideal for shallow or obstructed plenum applications
- Enhanced, uniform lighting
- Standard low voltage dimming (0-10v), 1%
- For use in insulated ceilings
- Options for suspended and ceiling surface installation
- Recessed configuration designed for 9/16" and 15/16" T-bar

## Optical System

Frosted single-piece diffuser in door frame.

## Mounting

This luminaire has been specifically designed for lay-in T-Bar applications. Suspension and surface mount configurations available (see order key).

## Construction

Die-formed, cold rolled heavy-gauge steel housing assembly. Wiring access plates and knockouts are provided on back of housing. Diffuser is held within a hinged door frame. The heavy-gauge door frame hinges downward, on either side, and is held in the closed position by two positive cam latches.

## Finish

White, polyester powder painted housing. Custom finish options available, consult factory for availability.

## Electrical

Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance > 50,000 hours. Standard low voltage dimming (0-10v, 1%) driver.

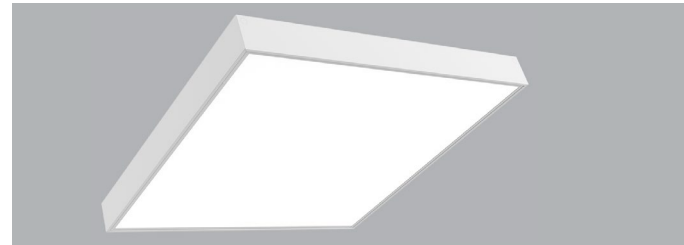
## Warranty

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

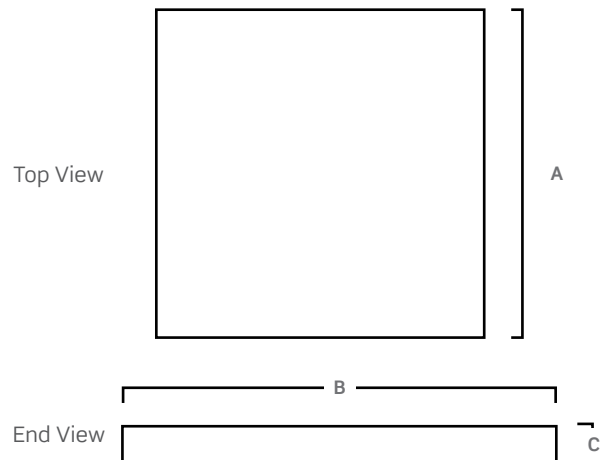


## Approvals

- ETL Listed
- Suitable for damp locations.
- TAA Available (see order key)



## Dimensions



Size	A	B	C
4x4	47.75"	47.75"	4"

Consult installation guide for exact dimensions.

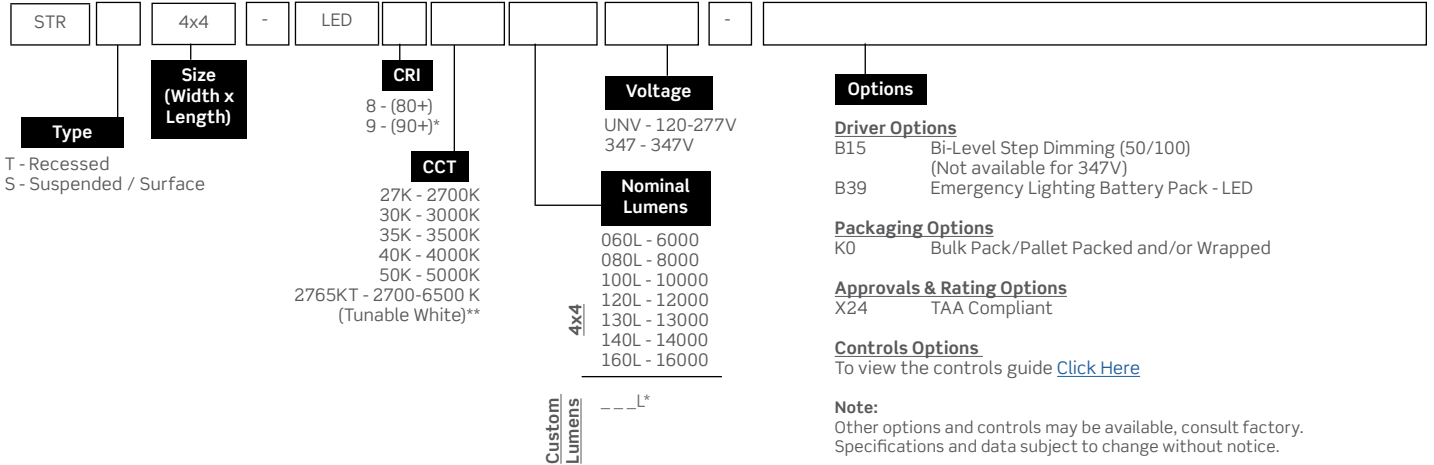
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## Order Key

**EXAMPLE: STRS4x4-LED835K100LUNV**



## Performance Data

Size	Nominal Lumens	Delivered Lumens	Watts	Efficacy
4x4	6000	6,279	47.4	132.5
	8000	8,033	61.3	131.0
	10000	10,988	85.1	129.1
	12000	12,366	96.5	128.1
	13000	13,224	103.6	127.6
	14000	14,078	110.8	127.1
	16000	16,343	130.1	125.6

Values based on 840K with standard lens at 25C

## 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

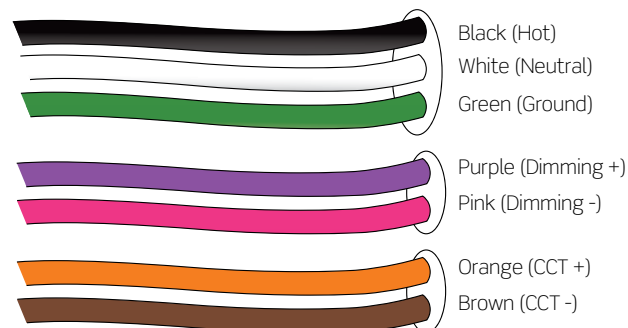
*Custom Lumens		
Size	Nominal Lumens Range	Watts
4x4	6000 - 16000	47 - 130

\*3000Lm Example:  
STRT4x4-LED840K030LCUNV

## 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.



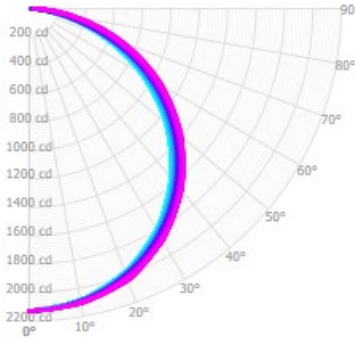
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## Photometrics

IES File: **STR4X4-LED840K060LUNV**  
 Lumens: **N/A**  
 Wattage: **47.4**  
 Efficacy: **132**



### Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	1669	26.6%
0.0° - 40.0°	2751	43.8%
0.0° - 60.0°	4923	78.4%
0.0° - 90.0°	6279	100.0%

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

	0.00°	45.00°	90.00°
0.00°	1454	1454	1454
45.00°	1485	1459	1422
55.00°	1478	1419	1382
65.00°	1448	1347	1295
75.00°	1372	1209	1076
85.00°	1429	1046	510

### Coefficients of Utilization

Values are lumens delivered to the workplane from a single luminaire

pc	70%				50%				30%
	70%	50%	30%	70%	50%	30%	70%	50%	
pw									
0	7475	7475	7475	<b>7301</b>	7301	7301	6977	<b>6977</b>	6977
1	6818	6513	6240	<b>6646</b>	6370	6121	6327	<b>6102</b>	5897
2	6190	5664	5230	<b>6023</b>	5545	5145	5715	<b>5320</b>	4984
3	5635	4964	4444	<b>5478</b>	4864	4382	5188	<b>4675</b>	4262
4	5154	4390	3831	<b>5008</b>	4306	3783	4739	<b>4147</b>	3692
5	4734	3916	3344	<b>4601</b>	3845	3308	4355	<b>3711</b>	3236
6	4369	3521	2953	<b>4247</b>	3461	2924	4024	<b>3347</b>	2867
7	4048	3189	2632	<b>3938</b>	3138	2609	3736	<b>3040</b>	2564
8	3767	2908	2367	<b>3667</b>	2864	2348	3484	<b>2780</b>	2311
9	3517	2666	2145	<b>3428</b>	2628	2129	3262	<b>2556</b>	2099
10	3296	2458	1957	<b>3215</b>	2426	1944	3065	<b>2363</b>	1918

Effective Floor Cavity Reflectance: 20%