

# Styllus Linear™ Series

Styllus Linear™ LED Recessed Architectural Grade Luminaire

Rev. Date: V12 10/13/2023

## Product Description

The Styllus Linear™ Series is a full range linear architectural portfolio. Its sleek minimalistic design provides clean uniform lines of light for any application such as: offices, healthcare, education and interior design. Designed with Cree TrueWhite® Technology, the Styllus Linear™ Series offers premium color quality with a CRI > 90 and R9 > 65 ideal for optimally displaying objects like produce, fabric, and artwork. With smooth full-range dimming down to 1%, the Styllus Linear™ Series allows each space with the appropriate light level needed for any activity. Available in up to 72 feet of continuous rows of seamless light in two-foot increments. Being versatile for lighting design, it is configurable in straight linear rows or geometric patterns, and compatible with Cree Lighting's SmartCast® Technology, Lutron Vive, and Lutron EcoSystem controls systems. Specifiable in white, the Styllus Linear™ Series is perfect for any application.

**Applications:** Recessed applications for new construction and upgrade

## Performance Summary

Utilizes Cree TrueWhite® Technology (90 CRI)

**Initial Delivered Lumens:** 400-1,150 lumens per foot

**Efficacy:** Up to 119 LPW

**CRI:** 90+ CRI Standard, Optional 80+ CRI

**R9:** > 65 (90 CRI)

**CCT:** 3000K, 3500K, 4000K

**Input Voltage:** 120-277 VAC or 347 VAC

**L<sub>70</sub> Lifetime:** > 100,000 hours at 35°C

**Limited Warranty†:** 10 years on luminaire; 5 years on SmartCast® and Lutron controls; up to 5 years for SmartCast® accessories

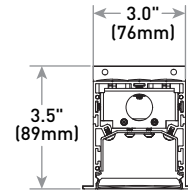
**Limited Warranty Emergency Back Up (EB) Battery and Generator Transfer Device:** 1 Year. Test regularly in accordance with local codes. Contains Self-Diagnostic Emergency Battery Back-up

**Dimensions with End Caps:** H 3.5" (89mm) x W 3.0" (76mm) x L up to 71.97' (21.94m)

**Weight:** 2.2 LB/FT (1.0kg)

**Dimming:** 0-10V dimming to 1%, DALI dimming to 5%, SmartCast® Technology dimming to 5%, Lutron EcoSystem dimming to 1%, Lutron Vive dimming to 5%

Assembled in the USA from US and imported parts



\*See <http://creelighting.com/warranty> for warranty terms. For SmartCast accessories, consult SmartCast spec sheets for details on warranty terms.

## Accessories

Field-Installed			
<b>SmartCast® Technology Configuration Tool</b> <a href="#">CCT-CWC-1</a> - One required per project when SC5 control is selected	<b>SmartCast® 5-Button Wireless Scene Controller</b> <a href="#">CSC-SC-5B-CWC-WH</a> (w/o text) <a href="#">CSC-SC-5S-CWC-WH</a> (w/scene text) <a href="#">CSC-SC-5X-CWC-WH</a> (w/custom text)	<b>SmartCast® Technology Wireless Plug Load Controller</b> <a href="#">CPLC-JB-CWC</a> <b>SmartCast Touchscreen Control</b> <a href="#">CSC-TS-A-BK</a>	<b>SmartCast® Ceiling Plug Power Supply</b> <a href="#">CSC-CPS-120V</a> - For use with SmartCast Wireless Gateway with Wi-Fi
<b>SmartCast® Technology Face Plates</b> <a href="#">CFP-1-WH</a> - Matching face plate, 1-gang, white <a href="#">CFP-2-WH</a> - Matching face plate, 2-gang, white	<b>SmartCast® Technology Wireless Dimmer</b> <a href="#">CSC-CWD-UNVN-WH</a> (neutral wire required) <a href="#">CSC-CWD-UNV-WH</a> (no neutral required) <b>SmartCast® Technology Wireless Switch</b> <a href="#">CSC-CWS-UNVN-WH</a> (neutral wire required) <a href="#">CSC-CWS-UNV-WH</a> (no neutral required)	<b>SmartCast Wireless Gateway with Wi-Fi</b> <a href="#">CSC-GW-CWC-W</a> - Required with SmartCast <b>Touchscreen Control SmartCast Wall Plug Power Supply</b> <a href="#">CSC-WPS-120V</a> - For use with SmartCast Wireless Gateway with Wi-Fi	<b>SmartCast 10V Zone Controller</b> <a href="#">CSC-ZC-10V-CWC</a> - Intelligent sensing and control of 0-10V luminaires

## Ordering Information

Example: ST3-RC-02-L-30K-L-10V-D-WH

ST3	RC							L			WH		
Product	Mount	Length	Plan*	Downlight Output	CRI	CCT	Voltage	Downlight Option	Controls	Ceiling Type	Color	Options	
ST3 Styllus Linear™ 3"	RC Recessed	02 - 2' increments up to 72'	Blank Linear <b>Shapes</b> - Not available with A, B, C, E or F ceiling types <b>S_</b> Square <b>R_X</b> Rectangle <b>U_X_X_</b> U Shape <b>L_X_</b> L Shape <b>C_</b> Custom	<b>L</b> Low (90 CRI 400 Lumens/FT & 80 CRI 510 Lumens/FT) <b>M</b> Medium (90 CRI 650 Lumens/FT & 80 CRI 830 Lumens/FT) <b>H</b> High (90 CRI 900 Lumens/FT & 80 CRI 1150 Lumens/FT)	Blank <b>30K</b> 90 CRI <b>8</b> 3500K <b>40K</b> 4000K	3000K <b>35K</b> 3500K <b>40K</b> 4000K	Blank 120-277 Volt <b>34</b> 347 Volt	<b>L</b> Lambertian <b>W</b> Wall Wash/ Asymmetric Optic - Not available with SmartCast or Lutron Vive - Not available with EB or GT	<b>10V</b> 0-10V dimming to 1% <b>DALI</b> DALI dimming to 5% - Not available with 2' lengths or 347V <b>SC5</b> SmartCast Wireless control and integral sensors. - Dimming to 5% - Not available in 2' lengths <b>LDE1</b> Lutron EcoSystem (Lutron HiLume 1% EcoSystem LED Driver with Soft-on, Fade to Black Dimming Technology) - Not available in 2' or 347V	<b>VDO</b> Lutron Vive [5% Dimming] - Not available in 2', section lengths - Not available for corners - Not available in 347V	<b>A</b> 1" T Bar <b>B</b> 9/16" T Bar <b>C</b> Screw Slot T Bar <b>D</b> Hard Ceiling, Flangeless <b>E</b> 1" Tegular <b>F</b> 9/16" Tegular <b>G</b> Overlap Flange	<b>WH</b> White	<b>EB 10W Emergency Battery Backup**</b> - 120-277V only - Standard 1EB/Run; for additional emergency units per run, consult sales - Illuminates first 4' of fixture - Not available in 2' fixtures <b>GT Generator Transfer Device**</b> - 120/277V only - Not available in 2' fixtures

\* Refer to page 4 for Plan Diagram for Corners.

\*\* GT and EB cannot be used together.



US: [creelighting.com](http://creelighting.com) (800) 236-6800

Canada: [creelighting-canada.com](http://creelighting-canada.com) (800) 473-1234

**Product Specifications**

**SMARTCAST® TECHNOLOGY**

SmartCast® Technology is the most intuitive and easiest to install intelligent light solution on the market. SmartCast® Technology delivers up to 70% energy savings at up to half the cost of other solutions. Luminaires combine best-in-class light with onboard sensors and intelligence to deliver a better light experience. Extreme energy productivity, code compliance and a better light experience without any extra design, installation or setup work.

**CREE TRUEWHITE® TECHNOLOGY**

A revolutionary way to generate high-quality white light, Cree TrueWhite® Technology is a patented approach that delivers an exclusive combination of 90+ CRI, beautiful light characteristics, and lifelong color consistency, all while maintaining high luminous efficacy – a true no compromise solution.

**CONSTRUCTION & MATERIALS**

- 6063 marine grade extruded aluminum housing
- Matte acrylic lens
- Bead suspended acrylic lens
- Textured powder coat paint with a matte white finish
- End caps are extruded aluminum and come installed on individually mounted luminaires (2'-12')
- One set of end caps is included to accommodate runs from 14'-72'
- Continuous rows include quick connect wiring harnesses for ease of installation. Alignment pins between luminaires create seamless appearance and straighter rows
- Includes (2) 7/8" plugged holes for wiring access on each end of luminaire
- Luminaires that mount on-grid include brackets for safety wires (by others)
- Luminaires that mount off-grid include (2) 5/8" plugged holes for threaded support rods (by others)
- May also be recessed into walls in both vertical and horizontal orientations
- **Weight:** 2.2 lbs./ft.; for GTD, add 0.50 lbs. each; for EB, add 2.8 lbs. each

**OPTICAL SYSTEM**

- Multiple lumen intensities to provide the correct level of illumination within each space
- High efficiency diffuser designed to minimize glare and provide uniform light distribution

**ELECTRICAL SYSTEM**

- **Power Factor:** > 0.9 at full load
- **Input Power:** Stays constant over life
- **Input Voltage:** 120-277V or 347V, 50/60Hz
- **Operating Temperature Range:** -20°C - +35°C (-4°F - +95°F); minimum operating temperature with EB14 option is 0°C (32°F)
- **Total Harmonic Distortion:** < 20% at full load

**10V DIMMING AND CONTROL**

- Continuous dimming to 1% with 0-10V DC control protocol
- **10V Source Current:** 0.60mA maximum up to 12'
- Use only lighting controls with neutral connection or controls intended for use with LED fixtures
- Reference <https://cree.widen.net/s/krrrzivrx/b0-10v-step-and-les-controls-options-spec-sheet-cr-flex-zr-troffers-ls-ur-styllus-ws-cdr-kbl> for recommended dimming controls and wiring diagrams
- Luminaires with DALI, SmartCast and Lutron Vive dim to 5%. Lutron EcoSystem dims to 1%

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- cULus listed
- Suitable for damp locations
- Designed for indoor use only
- Requires minimum 90°C supply conductors
- Type IC
- Suitable for continuous row mounting
- Not intended for use in environments containing airborne corrosive agents such as chemical solvents, cleaners, or cutting fluids
- UL924 (EB option). Maximum mounting height: 15.0' (4.6m)
- RoHS compliant. Consult factory for additional details
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
- Assembled in the USA from US and imported parts
- Meets Buy American requirements within ARRA
- DLC Qualified when ordered in 6'-12' lengths with 80 CRI and lambertian downlight distribution. Please refer to <https://qpl.designlights.org/solid-state-lighting> for most current information
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

**SmartCast® Technology**

**INTEGRAL MOTION SENSOR**

- Passive infrared (PIR)
- Coverage area: Please refer to the PIR motion sensor coverage table
- Not intended to be mounted higher than 20 ft.
- **Operation:**
  - Grouped with a wall control: Luminaire will operate in vacancy mode (manual-on/auto-off)
  - Not grouped with a wall control: Luminaire will operate in occupancy mode (auto-on/auto-off)
- Luminaires operate at full intensity until OneButton™ Setup is initiated by the Cree Lighting Configuration Tool

**AMBIENT LIGHT SENSOR**

- Sensor response matches response of human eye
- Not intended to be mounted higher than 20 ft. (6.1m)
- Luminaires operate at full intensity until OneButton™ Setup is initiated by the Cree Lighting Configuration Tool
- Daylight harvesting calibration performed automatically during OneButton™ Setup

**INTEGRAL WIRELESS COMMUNICATION**

- 2.4GHz wireless mesh technology with AES 128-bit encryption
- Self assigns to quietest channel during OneButton™ Setup
- **Range:**
  - 30 ft. (9.1m) in typical commercial applications
  - 300 ft. (91.4m) open air without obstructions
- **Network:** 250 devices max.
- **Space:** 100 devices max. per group
- FCC and IC certifications

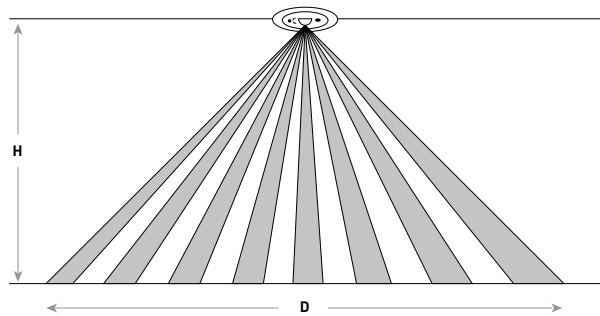
**LUMINAIRE**

- Luminaires operate at full intensity until OneButton™ Setup is initiated by the Cree Lighting Configuration Tool
- Independent wireless control of direct and indirect lights through SmartCast wall dimmers and SmartCast Touchscreen
- 10-year power fail memory of settings
- **NOTE:** SmartCast luminaires must be installed on unswitched AC power. Constant power is required to maintain all luminaires on the SmartCast network. If wall control or manual dimming is required, a SmartCast wall control dimmer must be used for manual on, off, and dimming.

**DEPLOYMENT**

- Please refer to the SmartCast® Deployment Guide at <https://cree.widen.net/s/mvxtfd2pcz/smartcast-r-wireless-deployment-guide>

**PIR Motion Sensor Coverage**



Mounting Height - H (Feet)	Motion Sensor Coverage Diameter - D (Feet)		
	Sensitivity - High (Default)	Sensitivity - Medium	Sensitivity - Low
10	20	10	8
12	26	14	12
14	28	15	13
20	38	Not Recommended	Not Recommended

Initial Delivered Lumens (30K/35K/40K)		
Lumen Package	Initial Delivered Lumens / Foot	
	90 CRI	80 CRI
L	400	510
M	650	830
H	900	1150

Styllus Linear™ Series Ambient Adjusted Lumen Maintenance <sup>1</sup>					
Ambient	Initial LMF	25K hr Reported <sup>2</sup> LMF	50K hr Estimated <sup>3</sup> LMF	75K hr Estimated <sup>3</sup> LMF	100K hr Estimated <sup>3</sup> LMF
5°C (41°F)	1.03	1.00	0.95	0.91	0.87
15°C (59°F)	1.01	0.98	0.93	0.89	0.85
25°C (77°F)	1.00	0.97	0.92	0.88	0.84
30°C (86°F)	0.99	0.96	0.91	0.87	0.83
35°C (95°F)	0.99	0.96	0.91	0.87	0.83

<sup>1</sup> Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors.

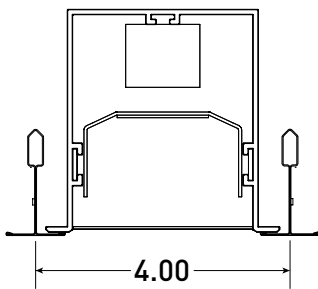
<sup>2</sup> In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED.

<sup>3</sup> Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

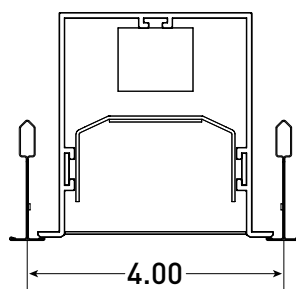
Electrical Data*							
Length	Lumen Package	System Watts	Total Current (A)				
		120-347V	120V	208V	240V	277V	347V
2'	L	11	0.09	0.05	0.05	0.04	0.03
	M	16	0.13	0.08	0.07	0.06	0.05
	H	22	0.18	0.10	0.09	0.08	0.06
4'	L	19	0.16	0.09	0.08	0.07	0.05
	M	30	0.25	0.14	0.12	0.11	0.09
	H	41	0.35	0.20	0.17	0.15	0.12
6'	L	27	0.23	0.13	0.11	0.10	0.08
	M	44	0.36	0.21	0.18	0.16	0.13
	H	60	0.51	0.29	0.25	0.22	0.17
8'	L	35	0.30	0.17	0.15	0.13	0.10
	M	57	0.48	0.27	0.24	0.21	0.16
	H	80	0.68	0.38	0.33	0.29	0.23
10'	L	44	0.36	0.21	0.18	0.16	0.13
	M	70	0.59	0.34	0.29	0.25	0.20
	H	102	0.86	0.49	0.42	0.37	0.29
12'	L	52	0.44	0.25	0.22	0.19	0.15
	M	87	0.72	0.42	0.36	0.31	0.25
	H	121	1.02	0.58	0.50	0.44	0.34

\*Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347V +/- 10%. For electrical data for continuous runs to 72", please refer to the Initial Delivered Lumens & Electrical Data chart on pages 8 and 9.

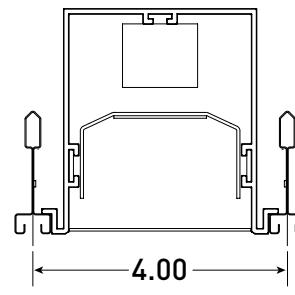
### ON-GRID MOUNTING



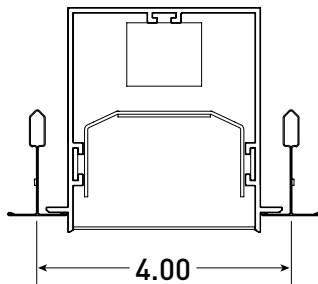
1" T-bar  
Flush Ceiling Tile



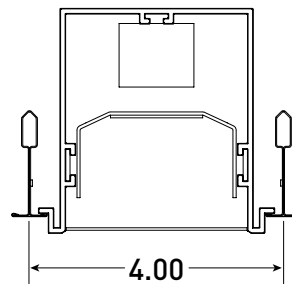
9/16" T-bar  
Flush Ceiling Tile



Screw Slot  
T-bar

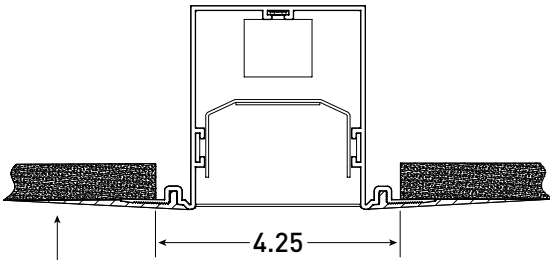


1" T-bar  
Tegular Tile



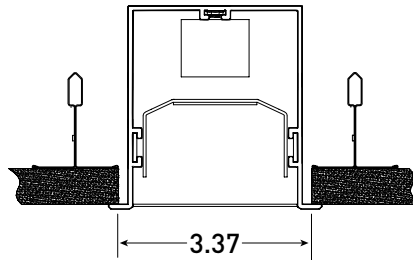
9/16" T-bar  
Tegular Tile

### OFF-GRID MOUNTING



Dashed area is sheetrock mud supplied by others.

**Hard Ceiling Flangeless**



**Hard Ceiling Overlap Flange**

#### Plan Diagram for Corners

S_	R_X_	U_X_X_	L_X_
Square Provide "A" dimension Example: S8' Part Number: ST3-RC-32-S8-L-30K-L-10V-A-WH	Rectangle Provide "AxB" dimension Example: R12'x8' Part Number: ST3-RC-40-R12X8-L-30K-L-10V-A-WH	U-Shape Provide "AxBxC" dimension Example: U12'x8'x12' Part Number: ST3-RC-32-U12X8X12-L-30K-L-10V-A-WH	L-Shape Provide "AxB" dimension Example: L16'x8' Part Number: ST3-RC-24-L16X8-L-30K-L-10V-A-WH

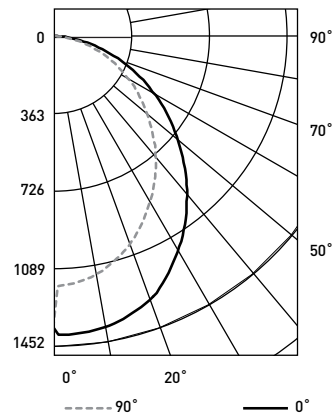
NOTE: Corner units are 4' in length, 2' for each leg.  
 Actual dimensions for corner units are 24.75" for each leg.

# Styllus Linear™ LED Recessed Architectural Grade Luminaire

## Photometry

### ST3-SD-04-H-30K-L-10V-04-A-WH BASED ON RESTL REPORT TEST #: PL13873-001A

Luminaire photometry has been conducted in accordance with IES LM-79. IES LM-79 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%.



ST3-\*\*-04-H-30K-L-\*\*\*\*  
Initial Delivered Lumens: 3,471

Coefficients Of Utilization – Zonal Cavity Method				
RC %:	80			
RW %:	70	50	30	10
RCR: 0	119	119	119	119
1	109	104	100	96
2	99	91	85	79
3	91	80	72	66
4	83	71	63	56
5	77	64	55	49
6	71	58	49	43
7	66	52	44	38
8	61	48	40	34
9	57	44	36	30
10	54	41	33	28

Effective Floor Cavity Reflectance: 20%

Average Luminance Table (cd/m²)			
Vertical Angle	Horizontal Angle		
	0°	45°	90°
45°	13,310	12,787	10,077
55°	12,402	11,885	9,314
65°	11,384	10,848	8,445
75°	9,881	9,428	7,292
85°	8,477	7,638	5,540

Zonal Lumen Summary			
Zone	Lumens	% Lamp	Luminaire
0-30	1021.47	N/A	29.40%
0-40	1638.56	N/A	47.20%
0-60	2786.18	N/A	80.30%
0-90	3468.05	N/A	99.90%
0-180	3470.63	N/A	100.00%

Reference <https://www.creelighting.com/styllus-linear> for detailed photometric data.

## Application Reference

Based on ST3-RC-04-H-30K-L-\*\*\*\* Luminaire

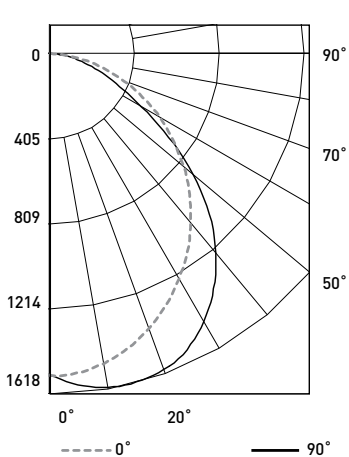
Open Space							
Linear ft*	Lumen Package	90 CRI			80 CRI		
		Lumens/ft	Average FC	FC/Linear ft	Lumens/ft	Average FC	FC/Linear ft
120	Low	400	23	0.19	510	29	0.24
	Medium	650	37	0.31	830	47	0.39
	High	900	51	0.43	1150	65	0.54
100	Low	400	19	0.19	510	24	0.24
	Medium	650	31	0.31	830	39	0.39
	High	900	43	0.43	1150	54	0.54
80	Low	400	15	0.19	510	19	0.24
	Medium	650	25	0.31	830	31	0.39
	High	900	34	0.43	1150	44	0.54
64	Low	400	12	0.19	510	15	0.24
	Medium	650	20	0.31	830	25	0.39
	High	900	27	0.43	1150	35	0.54

10' ceiling; 80/50/20 reflectances; 2.5' workplane, 10' mounting height. LLF: 1.0 Initial.  
Open Space: 50' x 40' x 10'  
Fixture spacing should typically not exceed 1x the mounting height in an open space or .5x the mounting height from a wall when it's the sole source of light.  
\* Maximum run length is 72

**Photometry**

**ST3-RC-04-H-30K-W-10V-A-WH BASED ON RESTL REPORT TEST #: PL15326-001B**

Luminaire photometry has been conducted in accordance with IES LM-79. IES LM-79 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%.



ST3-\*\*-04-H-30K-W-\*\*\*\*  
Initial Delivered Lumens: 3,600

Coefficients Of Utilization – Zonal Cavity Method				
RC %:	80			
RW %:	70	50	30	10
RCR: 0	119	119	119	119
1	110	105	101	98
2	100	93	86	81
3	92	82	74	68
4	85	73	65	58
5	78	66	57	51
6	72	59	51	45
7	67	54	46	40
8	63	50	41	36
9	59	46	38	32
10	55	42	34	29

Effective Floor Cavity Reflectance: 20%

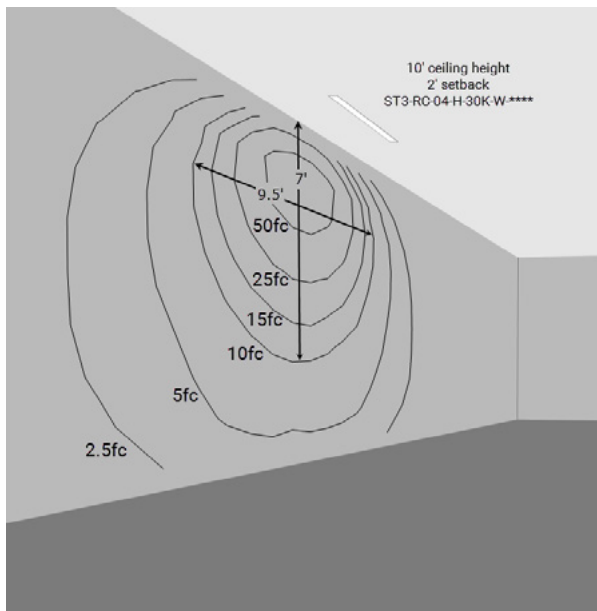
Average Luminance Table (cd/m <sup>2</sup> )			
Vertical Angle	Horizontal Angle		
	0°	45°	90°
45°	14,382	16,763	16,414
55°	13,539	15,242	13,033
65°	12,509	12,191	9,451
75°	11,007	8,619	7,256
85°	8,497	5,869	5,165

Zonal Lumen Summary			
Zone	Lumens	% Lamp	Luminaire
0-30	1141.97	N/A	31.70%
0-40	1818.06	N/A	50.50%
0-60	3001.82	N/A	83.40%
0-90	3600.04	N/A	100.00%
0-180	3600.04	N/A	100.00%

Reference <https://www.creelighting.com/styllus-linear> for detailed photometric data.

**Application Reference**

Based on ST3-RC-04-H-30K-W-\*\*\*\* Luminaire



Styllus Linear™ LED Recessed Architectural Grade Luminaire

Styllus Linear™ Recessed Configuration Chart										
Length (feet)	Units						Aperture (inches)	End Cap to End Cap (inches)	End Caps	End Cap & Hardware Kits
	2'	4'	6'	8'	10'	12'				
2	1						22.875	23.25	.5"	
4		1					46.875	47.25	.5"	
6			1				70.875	71.25	.5"	
8				1			94.875	95.25	.5"	
10					1		118.875	119.25	.5"	
12						1	142.875	143.25	.5"	
14			1	1			165.875	166.25	0.971"	1
16				2			189.75	190.125	0.971"	1
18		1	1	1			212.6875	213.0625	1.520"	1
20		1		2			236.6875	237.0625	1.520"	1
22			1	2			260.6875	261.0625	1.520"	1
24				3			284.625	285	1.520"	1
26		1	1	2			307.625	308	2.069"	1
28		1		3			331.625	332	2.069"	1
30			1	3			355.625	356	2.069"	1
32				4			379.625	380	2.069"	1
34		1	1	3			402.5	402.875	2.618"	1
36		1		4			426.5	426.875	2.618"	1
38			1	4			450.5	450.875	2.618"	1
40				5			474.5	474.875	2.618"	1
42		1	1	4			497.4375	497.8125	3.161"	1
44		1		5			521.4375	521.8125	3.161"	1
46			1	5			545.4375	545.8125	3.161"	1
48				6			569.4375	569.8125	3.161"	1
50		1	1	5			592.375	592.75	3.719"	1
52		1		6			616.375	616.75	3.719"	1
54			1	6			640.375	640.75	3.719"	1
56				7			664.375	664.75	3.719"	1
58		1	1	6			687.25	687.625	4.266"	1
60		1		7			711.25	711.625	4.266"	1
62			1	7			735.25	735.625	4.266"	1
64				8			759.25	759.625	4.266"	1
66		1	1	7			782.125	782.5	4.815"	1
68		1		8			806.125	806.5	4.815"	1
70			1	8			830.125	830.5	4.815"	1
72				9			854.125	854.5	4.815"	1

Styllus Linear™ LED Recessed Architectural Grade Luminaire

Delivered Lumens & Electrical Data*									
Length	Lumen Package	System Watts	Initial Delivered Lumens** Lambertian/ Wall Wash Distributions		Total Current (A)				
					120V	208V	240V	277V	347V
2'	L	11	800	1,020	0.09	0.05	0.05	0.04	0.03
	M	16	1,300	1,660	0.13	0.08	0.07	0.06	0.05
	H	22	1,800	2,300	0.18	0.10	0.09	0.08	0.06
4'	L	19	1,600	2,050	0.16	0.09	0.08	0.07	0.05
	M	30	2,600	3,330	0.25	0.14	0.12	0.11	0.09
	H	41	3,600	4,610	0.35	0.20	0.17	0.15	0.12
6'	L	27	2,400	3,070	0.23	0.13	0.11	0.10	0.08
	M	44	3,900	4,990	0.36	0.21	0.18	0.16	0.13
	H	60	5,400	6,900	0.51	0.29	0.25	0.22	0.17
8'	L	35	3,200	4,100	0.30	0.17	0.15	0.13	0.10
	M	57	5,200	6,650	0.48	0.27	0.24	0.21	0.16
	H	80	7,200	9,225	0.68	0.38	0.33	0.29	0.23
10'	L	44	4,000	5,125	0.36	0.21	0.18	0.16	0.13
	M	70	6,500	8,325	0.59	0.34	0.29	0.25	0.20
	H	102	9,000	11,525	0.86	0.49	0.42	0.37	0.29
12'	L	52	4,800	6,150	0.44	0.25	0.22	0.19	0.15
	M	87	7,800	9,975	0.72	0.42	0.36	0.31	0.25
	H	121	10,800	13,825	1.02	0.58	0.50	0.44	0.34
14'	L	62	5,600	7,170	0.52	0.30	0.26	0.23	0.18
	M	101	9,100	11,640	0.84	0.48	0.42	0.36	0.29
	H	140	12,600	16,125	1.18	0.67	0.58	0.51	0.40
16'	L	70	6,400	8,200	0.59	0.34	0.29	0.25	0.20
	M	114	10,400	13,300	0.95	0.55	0.47	0.41	0.32
	H	160	14,400	18,450	1.35	0.77	0.66	0.57	0.46
18'	L	81	7,200	9,220	0.68	0.39	0.34	0.29	0.23
	M	131	11,700	14,970	1.09	0.63	0.54	0.47	0.38
	H	181	16,200	20,735	1.53	0.87	0.76	0.65	0.52
20'	L	89	8,000	10,250	0.75	0.43	0.37	0.32	0.25
	M	144	13,000	16,630	1.20	0.69	0.60	0.52	0.41
	H	201	18,000	23,060	1.70	0.96	0.84	0.72	0.58
22'	L	97	8,800	11,270	0.82	0.47	0.41	0.35	0.28
	M	158	14,300	18,290	1.31	0.76	0.65	0.57	0.45
	H	220	19,800	25,350	1.86	1.06	0.92	0.79	0.63
24'	L	105	9,600	12,300	0.89	0.51	0.44	0.38	0.30
	M	171	15,600	19,950	1.43	0.82	0.71	0.62	0.48
	H	240	21,600	27,675	2.03	1.15	1.00	0.86	0.69
26'	L	116	10,400	13,320	0.97	0.56	0.49	0.42	0.33
	M	188	16,900	21,620	1.56	0.90	0.78	0.68	0.54
	H	261	23,400	29,960	2.20	1.25	1.09	0.94	0.75
28'	L	124	11,200	14,350	1.05	0.60	0.52	0.45	0.35
	M	201	18,200	23,280	1.67	0.96	0.83	0.72	0.57
	H	281	25,200	32,285	2.37	1.35	1.17	1.01	0.81

Delivered Lumens & Electrical Data*									
Length	Lumen Package	System Watts	Initial Delivered Lumens** Lambertian/ Wall Wash Distributions		Total Current (A)				
					120V	208V	240V	277V	347V
30'	L	132	12,000	15,370	1.12	0.64	0.56	0.48	0.38
	M	215	19,500	24,940	1.79	1.03	0.89	0.77	0.61
	H	300	27,000	34,575	2.53	1.44	1.25	1.08	0.86
32'	L	140	12,800	16,400	1.19	0.68	0.59	0.51	0.40
	M	228	20,800	26,600	1.90	1.09	0.95	0.82	0.64
	H	320	28,800	36,900	2.70	1.53	1.33	1.15	0.92
34'	L	151	13,600	17,420	1.27	0.73	0.63	0.55	0.43
	M	245	22,100	28,270	2.04	1.17	1.02	0.88	0.70
	H	341	30,600	39,185	2.88	1.64	1.42	1.23	0.98
36'	L	159	14,400	18,450	1.34	0.77	0.67	0.58	0.45
	M	258	23,400	29,930	2.15	1.24	1.07	0.93	0.73
	H	361	32,400	41,510	3.05	1.73	1.50	1.30	1.04
38'	L	167	15,200	19,470	1.41	0.81	0.70	0.61	0.48
	M	272	24,700	31,590	2.26	1.30	1.13	0.98	0.77
	H	380	34,200	43,800	3.21	1.82	1.58	1.37	1.09
40'	L	175	16,000	20,500	1.48	0.85	0.74	0.64	0.50
	M	285	26,000	33,250	2.38	1.37	1.18	1.03	0.80
	H	400	36,000	46,125	3.38	1.91	1.66	1.44	1.15
42'	L	186	16,800	21,520	1.57	0.90	0.78	0.68	0.53
	M	302	27,300	34,920	2.51	1.45	1.25	1.09	0.86
	H	421	37,800	48,410	3.55	2.02	1.75	1.52	1.21
44'	L	194	17,600	22,550	1.64	0.94	0.81	0.70	0.55
	M	315	28,600	36,580	2.62	1.51	1.31	1.13	0.89
	H	441	39,600	50,735	3.72	2.11	1.83	1.59	1.27
46'	L	202	18,400	23,570	1.71	0.98	0.85	0.74	0.58
	M	329	29,900	38,240	2.74	1.57	1.36	1.18	0.93
	H	460	41,400	53,025	3.88	2.20	1.91	1.65	1.32
48'	L	210	19,200	24,600	1.78	1.02	0.88	0.76	0.60
	M	342	31,200	39,900	2.85	1.64	1.42	1.23	0.96
	H	480	43,200	55,350	4.05	2.30	1.99	1.72	1.38
50'	L	221	20,000	25,620	1.86	1.07	0.93	0.80	0.63
	M	359	32,500	41,570	2.99	1.72	1.49	1.29	1.02
	H	501	45,000	57,635	4.23	2.40	2.08	1.80	1.44
52'	L	229	20,800	26,650	1.94	1.11	0.96	0.83	0.65
	M	372	33,800	43,230	3.10	1.78	1.54	1.34	1.05
	H	521	46,800	59,960	4.40	2.49	2.16	1.87	1.50
54'	L	237	21,600	27,670	2.01	1.15	1.00	0.86	0.68
	M	386	35,100	44,890	3.21	1.85	1.60	1.39	1.09
	H	540	48,600	62,250	4.56	2.59	2.24	1.94	1.55
56'	L	245	22,400	28,700	2.08	1.19	1.03	0.89	0.70
	M	399	36,400	46,550	3.33	1.91	1.66	1.44	1.12
	H	560	50,400	64,575	4.73	2.68	2.32	2.01	1.61

\* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347V +/- 10%.  
 \*\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens.



Styllus Linear™ LED Recessed Architectural Grade Luminaire

Delivered Lumens & Electrical Data*										
Length	Lumen Package	System Watts		Initial Delivered Lumens** Lambertian/Wall Wash Distributions		Total Current (A)				
		120-347V				120V	208V	240V	277V	347V
		90 CRI	80 CRI							
58'	L	256	23,200	29,720	2.16	1.24	1.07	0.93	0.73	
	M	416	37,700	48,220	3.46	1.99	1.73	1.50	1.18	
	H	581	52,200	66,860	4.90	2.78	2.41	2.09	1.67	
60'	L	264	24,000	30,750	2.23	1.28	1.11	0.96	0.75	
	M	429	39,000	49,880	3.57	2.06	1.78	1.54	1.21	
	H	601	54,000	69,185	5.07	2.88	2.49	2.16	1.73	
62'	L	272	24,800	31,770	2.30	1.32	1.14	0.99	0.78	
	M	443	40,300	51,540	3.69	2.12	1.84	1.59	1.25	
	H	620	55,800	71,475	5.23	2.97	2.57	2.23	1.78	
64'	L	280	25,600	32,800	2.37	1.36	1.18	1.02	0.80	
	M	456	41,600	53,200	3.80	2.18	1.89	1.64	1.28	
	H	640	57,600	73,800	5.40	3.06	2.65	2.30	1.84	
66'	L	291	26,400	33,820	2.46	1.41	1.22	1.06	0.83	
	M	473	42,900	54,870	3.94	2.26	1.96	1.70	1.34	
	H	661	59,400	76,085	5.58	3.17	2.75	2.38	1.90	
68'	L	299	27,200	34,850	2.53	1.45	1.25	1.09	0.85	
	M	486	44,200	56,530	4.05	2.33	2.02	1.75	1.37	
	H	681	61,200	78,410	5.75	3.26	2.83	2.45	1.96	
70'	L	307	28,000	35,870	2.60	1.49	1.29	1.12	0.88	
	M	500	45,500	58,190	4.16	2.39	2.07	1.80	1.41	
	H	700	63,000	80,700	5.91	3.35	2.91	2.52	2.01	
72'	L	315	28,800	36,900	2.67	1.53	1.32	1.15	0.90	
	M	513	46,800	59,850	4.28	2.46	2.13	1.85	1.44	
	H	720	64,800	83,025	6.08	3.44	2.99	2.59	2.07	

\* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347V +/- 10%.

\*\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens.