

Styllus Linear® Series

Styllus Linear® LED Wall Direct Architectural Grade Luminaire

Rev. Date: V14 10/01/2024

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 three colors: white, black and graphite, the Styllus Linear® Series is perfect for any application.

Applications: Wall 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 (90CRI)

CCT: 3000K, 3500K, 4000K

Input Voltage: 120-277 VAC or 347 VAC

L₇₀ Lifetime: > 100,000 hours at 35°C

Limited Warranty*: 10 years for luminaire; 5 years for 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 3.625" (92mm) x L up to 72.02' (21.95m)

Weight: 2.6 LB/FT (1.2kg)

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 <https://www.creelighting.com/resources/warranties/> for warranty terms. For SmartCast accessories, consult SmartCast spec sheets for details on warranty terms.

Accessories

Field-Installed		
SmartCast® Technology Configuration Tool CCT-CWC-1 - One required per project when SC5 control is selected	SmartCast® 5-Button Wireless Scene Controller CSC-SC-A-5B-UNVN-WH (w/o text) CSC-SC-A-5S-UNVN-WH (w/scene text) CSC-SC-A-5X-UNVN-WH (w/custom text) SmartCast® Technology Wireless Dimmer CSC-CWD-UNVN-WH (neutral wire required) CSC-CWD-UNV-WH (no neutral required) SmartCast® Technology Wireless Switch CSC-CWS-UNVN-WH (neutral wire required) CSC-CWS-UNV-WH (no neutral required) SmartCast® Technology Wireless Plug Load Controller CPLC-JB-CWC	SmartCast 10V Zone Controller CSC-ZC-10V-CWC - Intelligent sensing and control of 0-10V luminaires

Ordering Information

Example: ST3-WD-02-L-30K-L-10V-WH

ST3	WD											
Family	Mounting	Length	Plan*	Downlight Output	CRI	CCT	Voltage	Downlight Option	Controls		Finish	Options
ST3 Styllus Linear® 3"	WD Wall Direct	02 - 2' increments up to 72'	Blank Linear L_X_ L Shape C_ Custom	L Low (90 CRI 400 Lumens/FT & 80 CRI 510 Lumens/FT) M Medium (90 CRI 650 Lumens/FT & 80 CRI 830 Lumens/FT) H High (90 CRI 900 Lumens/FT & 80 CRI 1150 Lumens/FT)	Blank 90 CRI 8 80 CRI	30K 3000K 35K 3500K 40K 4000K	Blank 120-277 Volt 347 Volt	L Lambertian	10V 0-10V dimming to 1% DAL DALI dimming to 5% - Not available with 2' lengths or 347V SC5 SmartCast Wireless control and integral sensors. - Dimming to 5% - Not available in 2' lengths LDE1 Lutron EcoSystem (Lutron HiLume 1% EcoSystem LED Driver with Soft-on, Fade to Black Dimming Technology) - Not available in 2' or 347v	VDO Lutron Vive (5% Dimming) - Not available in 2', section lengths - Not available for corners - Not available in 347V	WH White BK Black GR Graphite	EB 10W Emergency Battery Backup** - 120-277V only - Standard 1EB/Run; for additional emergency units per run, consult sales - Illuminates first 4' of fixture - Not available in 2' fixtures GT Generator Transfer Device** - 120/277V only - Not available in 2' fixtures

* Refer to page 3 for Plan Diagram for Corners.

** GT and EB cannot be used together.



Cree TrueWhite® Technology SMARTCAST® TECHNOLOGY

EcoSystem Enabled

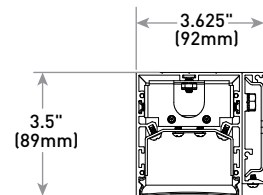
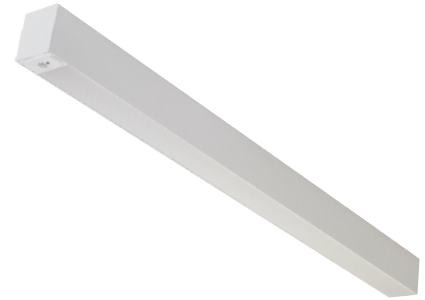
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Website: [creelighting.com](https://www.creelighting.com)

US: (800) 236-6800 Canada: (800) 473-1234

CREE LIGHTING®



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, black or graphite finish
- Luminaires mount to wall with two 5.9" W extruded aluminum wall cleats. Wall cleats have (2) 0.75" wireway holes and (2) 0.31" holes to secure luminaire to wall; hardware by others. Wall cleats secure to luminaire with (2) Phillips head screws provided
- 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
- **Weight:** 2.6 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/b6gdfqzrd9/0-10v-and-step-dimming-controls-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
- 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 the requirements for Buy American Act (BAA) because it qualifies as a commercially-available off-the-shelf (COTS) item. Please refer to www.creelighting.com/BAA-BABA
- DLC Qualified when ordered in 6'-12' lengths with 80 CRI. 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

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

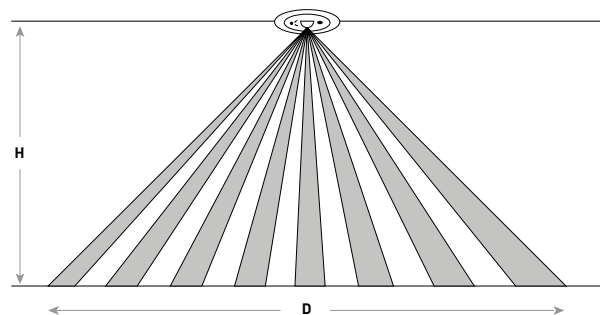
LUMINAIRE

- 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 ¹					
Ambient	Initial LMF	25K hr Reported ² LMF	50K hr Estimated ³ LMF	75K hr Estimated ³ LMF	100K hr Estimated ³ 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

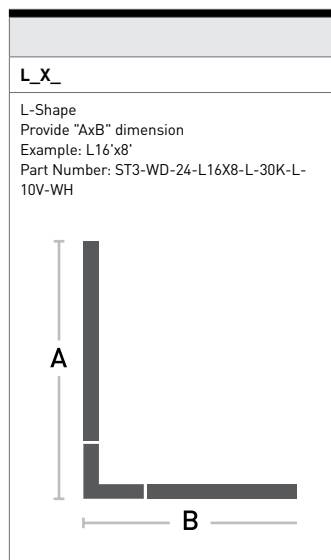
¹ Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors.

² 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.

³ 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 7 and 8.

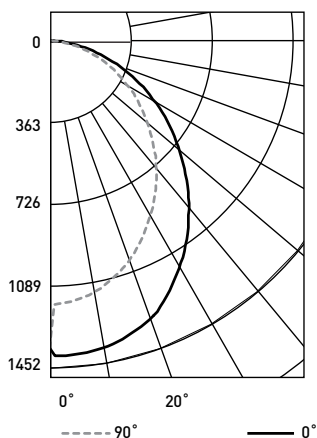


NOTE: Corner units are 4' in length, 2' for each leg.
Actual dimensions for corner units are 24.75" for each leg.

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-series/> for detailed photometric data.

Application Reference

Based on ST3-WD-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
28	Low	400	23	0.81	510	29	1.03
	Medium	650	37	1.31	830	47	1.67
	High	900	51	1.81	1150	65	2.31
24	Low	400	19	0.81	510	25	1.03
	Medium	650	31	1.31	830	40	1.67
	High	900	43	1.81	1150	55	2.31
20	Low	400	16	0.81	510	21	1.03
	Medium	650	26	1.31	830	33	1.67
	High	900	36	1.81	1150	46	2.31
16	Low	400	13	0.81	510	16	1.03
	Medium	650	21	1.31	830	27	1.67
	High	900	29	1.81	1150	37	2.31

10' ceiling: 80/50/20 reflectances; 2.5' workplane, 8' mounting height, LLF: 1.0 Initial.
Open Space: 50' x 6' x 10'
Fixture spacing should typically not exceed 1x the mounting height in an open space.

Styllus Linear® Wall Mount Configuration Chart									
Length (feet)	Units						Aperture (inches)	End Cap to End Cap (inches)	1/8" End Cap Kits
	2'	4'	6'	8'	10'	12'			
2	1						24	24.25	
4		1					48	48.25	
6			1				72	72.25	
8				1			96	96.25	
10					1		120	120.25	1
12						1	144	144.25	1
14			1	1			168	168.25	1
16				2			192	192.25	1
18		1	1	1			216	216.25	1
20		1		2			240	240.25	1
22			1	2			264	264.25	1
24				3			288	288.25	1
26		1	1	2			312	312.25	1
28		1		3			336	336.25	1
30			1	3			360	360.25	1
32				4			384	384.25	1
34		1	1	3			408	408.25	1
36		1		4			432	432.25	1
38			1	4			456	456.25	1
40				5			480	480.25	1
42		1	1	4			504	504.25	1
44		1		5			528	528.25	1
46			1	5			552	552.25	1
48				6			576	576.25	1
50		1	1	5			600	600.25	1
52		1		6			625	625.25	1
54			1	6			648	648.25	1
56				7			672	672.25	1
58		1	1	6			696	696.25	1
60		1		7			720	720.25	1
62			1	7			744	744.25	1
64				8			768	768.25	1
66		1	1	7			792	792.25	1
68		1		8			816	816.25	1
70			1	8			840	840.25	1
72				9			864	864.25	1

Styllus Linear® LED Wall Direct Architectural Grade Luminaire

Delivered Lumens & Electrical Data*									
Length	Lumen Package	System Watts	Initial Delivered Lumens** Lambertian Distribution		Total Current (A)				
		120-347V			120V	208V	240V	277V	347V
		90 CRI	80 CRI						
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

* 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.

Delivered Lumens & Electrical Data*									
Length	Lumen Package	System Watts	Initial Delivered Lumens** Lambertian Distribution		Total Current (A)				
		120-347V			120V	208V	240V	277V	347V
		90 CRI	80 CRI						
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

Website: creelighting.com

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CREE  **LIGHTING**

Delivered Lumens & Electrical Data*									
Length	Lumen Package	System Watts	Initial Delivered Lumens** Lambertian Distribution		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.