Styllus Linear® Series

Styllus Linear® LED Suspended Direct/Indirect Architectural Grade Luminaire

Product Description

 $The Styllus \, Linear^{@} \, Series \, is \, a \, full \, range \, linear \, architectural \, portfolio. \, Its \, sleek \, minimal istic \, design \, provides \, clean \, uniform \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, is \, sleek \, minimal \, architectural \, portfolio \, architec$ lines of light for any application such as: offices, healthcare, education and interior design. 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, $Lutron\ Vive, and\ Lutron\ EcoSystem\ controls\ systems.\ Specifiable\ in\ three\ colors:\ white,\ black\ and\ graphite,\ the\ Styllus\ systems.$ Linear® Series is perfect for any application.

Applications: Suspended Direct/Indirect applications for new construction and upgrade

Performance Summary

Initial Delivered Lumens: 510-1,150 lumens per foot Downlight / 450-1,025 lumens per foot Uplight

Efficacy: Up to 119 LPW Downlight / 131 LPW Uplight

CRI: 80+ CRI

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

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 4.5" [114mm] x W 3.0" [76mm] x L up to 72.02' [21.95m]

Weight: 3.5 LB/FT (1.6kg)

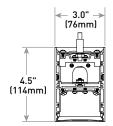
Dimming: 0-10V dimming to 1%, DALI dimming to 5%, SmartCast® Technology dimming to 5%, Lutron EcoSystem dimming to 1%, Lutron Vive dimming to 5%

Assembled in the USA from US and imported parts

 $^{+} See \, \underline{\text{https://www.creelighting.com/resources/warranties/}} \, for \, warranty \, terms. \, For \, Smart Cast \, accessories, \, consult \, Smart Cast \, spec \, sheets \, for \, details \,$



Rev. Date: V16.03/05/2025



SmartCast 10V Zone Controller

- Intelligent sensing and control of 0-10V luminaires

Accessories

Field-Installed

SmartCast® Technology Configuration Tool

- One required per project when SC5 control is selected SmartCast® Technology Face Plates

CFP-1-WH
- Matching face plate, 1-gang, white

CFP-2-WH
- Matching face plate, 2-gang, white

SmartCast® 5-Button Wireless Scene Controller

SmartCast* 5-Button Wireless Scene Contro SCS-SC-A-55-UNNN-WH (w/o text) SCS-SC-A-55-UNNN-WH (w/scene text) SmartCast* Technology Wireless Dimmer CSC-CWD-UNN-WH (neutral wire required) SmartCast* Technology Wireless Switch SCS-CWD-UNN-WH (neutral wire 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

Ordering Information

ST3	SI														
Family	Mounting	Length	Plan*	Uplight Output	Downlight Output	CRI	сст	Voltage	Downlight Option	Controls		Suspension Length	Ceiling Type	Finish	Options
ST3 Styllus Linear® 3"	SI Suspended Direct/ Indirect	02 - 2' increments up to 72'	Blank Linear S_ Square R_X_ Rectangle U_X_X_ U Shape L_X_ L Shape C_ Custom	FT) M Medium	L Low (510 Lumens/FT) M Medium (830 Lumens/FT) H High (1150 Lumens/FT)		30K 3000K 35K 3500K 40K 4000K	Volt 34		10V 0-10V dimming to 1% DAL DALI dimming to 5% - Not available with 2'lengths or 347V SCS 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	04 Up to 4' 08 Up to 8' 12 Up to 12'	A 1" T Bar B 9/16" T Bar C Screw Slot T Bar D Hard Ceiling	WH White BK Black GR Graphite	EB 10W Emergency Batter Backup** - 120-277V only - Standard 1 EB/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 DF Dual Feed - Allows for independent contr of direct and indirect light - Not available with Lutron Viv - Not available with Lutron Viv - Not available with CT option - Not supported with - SmartCast Wireless****

*Refer to page 6 for Plan Diagram for Corners. **GT and EB cannot be used together.

SmartCast supports independent wireless control of direct and indirect lights without Dual Feed.













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.

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
- Individual luminaires and continuous rows include non-feed cable kits and power feed/cable kits to support installation
- Non-feed cable kits include a 2" aluminum canopy with 1/16" galvanized 7x7 steel
- Feed kits include a 5" aluminum canopy with 1/16" galvanized 7x7 steel cable and SJT power cord(s)
- Included cords: All control options: (1) 18/5 cord; DF Option: (2) 18/4 cords; EB
 Option: (1) 18/2 and (1) 18/4 cord; GT Option: (2) 18/5 cords; EB+DF Option: (1) 18/4
 and (1) 18/5 cord
- Luminaires with white finish include a white canopy and white cord(s); black or graphite luminaire finishes include a black canopy and black cord(s)
- 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: 3.5 lbs./ft.; for GTD, add 0.50 lbs. each; for EB, add 2.8 lbs. each

OPTICAL SYSTEM

- Ultra-Wide batwing distribution provides even illumination across a ceiling while allowing for maximum spacing between fixtures
- Multiple lumen intensities along with various up/down light options 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/b6gdfgzrd9/0-10v-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
- 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
- Assembled in the USA from US and imported parts
- 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

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

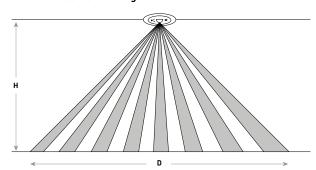
LIMINAIDE

- 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 Tauchscropp
- 10-year nower 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/smartcastr-wireless-deployment-guide

PIR Motion Sensor Coverage



Mounting Height - H	Motion Sensor Coverage Diameter - D (Feet)					
(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			

Electric	Electrical Data*								
		Indirect Lumen Package							
	Direct	Low Lumen Package							
Length	Lumen Package	System Watts Total Current (A)							
		120-347V	120V	208V	240V	277V	347V		
	L	20	0.17	0.10	0.08	0.07	0.06		
2'	М	25	0.21	0.12	0.11	0.09	0.08		
	Н	31	0.26	0.15	0.13	0.11	0.09		
	L	35	0.28	0.16	0.14	0.12	0.09		
4'	М	46	0.38	0.22	0.19	0.16	0.13		
	Н	57	0.48	0.27	0.24	0.20	0.16		
	L	49	0.41	0.24	0.21	0.18	0.14		
6'	М	66	0.55	0.32	0.27	0.24	0.19		
	Н	82	0.69	0.40	0.34	0.30	0.23		
	L	64	0.54	0.31	0.27	0.23	0.18		
8'	М	86	0.71	0.41	0.36	0.31	0.24		
	Н	109	0.91	0.52	0.45	0.39	0.31		
	L	81	0.67	0.39	0.34	0.29	0.24		
10'	М	107	0.90	0.51	0.45	0.39	0.31		
	Н	139	1.16	0.66	0.57	0.50	0.40		
	L	94	0.79	0.45	0.39	0.34	0.27		
12'	М	129	1.07	0.62	0.54	0.46	0.37		
	Н	163	1.37	0.78	0.68	0.59	0.46		

^{*} 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 10-18.

Electric	Electrical Data*								
		Indirect Lumen Package Medium Lumen Package							
	Direct								
Length	Lumen Package	System Watts	Total Current (A)						
		120-347V	120V	208V	240V	277V	347V		
	L	24	0.20	0.12	0.10	0.09	0.07		
2'	М	29	0.24	0.14	0.12	0.11	0.09		
	Н	35	0.29	0.17	0.15	0.13	0.10		
	L	43	0.36	0.21	0.18	0.16	0.12		
4'	М	54	0.45	0.26	0.23	0.20	0.16		
	Н	65	0.55	0.31	0.27	0.24	0.19		
	L	62	0.51	0.30	0.26	0.22	0.18		
6'	М	79	0.65	0.38	0.33	0.28	0.23		
	Н	95	0.80	0.46	0.40	0.34	0.27		
	L	81	0.68	0.39	0.34	0.29	0.23		
8'	М	103	0.86	0.49	0.43	0.37	0.29		
	Н	126	1.06	0.60	0.52	0.45	0.36		
	L	101	0.84	0.49	0.42	0.36	0.29		
10'	М	127	1.07	0.61	0.53	0.46	0.36		
	Н	159	1.33	0.76	0.66	0.57	0.45		
	L	120	1.01	0.58	0.50	0.44	0.35		
12'	М	155	1.29	0.75	0.65	0.56	0.45		
	Н	189	1.59	0.91	0.79	0.68	0.54		

^{*} 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 10-18.



Electric	al Data*									
		Indirect Lumen Package								
	Direct	High Lumen Package								
Length	Lumen Package	System Watts Total Current (A)								
		120-347V	120V	208V	240V	277V	347V			
	L	29	0.24	0.14	0.12	0.11	0.08			
2'	М	34	0.29	0.17	0.14	0.12	0.10			
	Н	40	0.34	0.19	0.17	0.14	0.11			
	L	53	0.44	0.25	0.22	0.19	0.15			
4'	М	64	0.53	0.31	0.27	0.23	0.19			
	Н	75	0.63	0.36	0.31	0.27	0.22			
	L	77	0.64	0.37	0.32	0.28	0.22			
6'	М	94	0.78	0.45	0.39	0.34	0.27			
	Н	110	0.93	0.53	0.46	0.40	0.31			
	L	101	0.85	0.49	0.42	0.37	0.29			
8'	М	123	1.03	0.59	0.51	0.44	0.35			
	Н	146	1.23	0.70	0.61	0.53	0.42			
	L	127	1.06	0.61	0.53	0.46	0.37			
10'	М	153	1.29	0.74	0.64	0.55	0.44			
	Н	185	1.55	0.89	0.77	0.67	0.53			
	L	153	1.28	0.74	0.64	0.55	0.44			
12'	М	188	1.56	0.90	0.78	0.68	0.54			
	Н	222	1.86	1.07	0.92	0.80	0.63			

^{*} 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 10-18.

Styllus Linear® Series Ambient Adjusted Lumen Maintenance¹						
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	

¹Lumen 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.

²In 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.

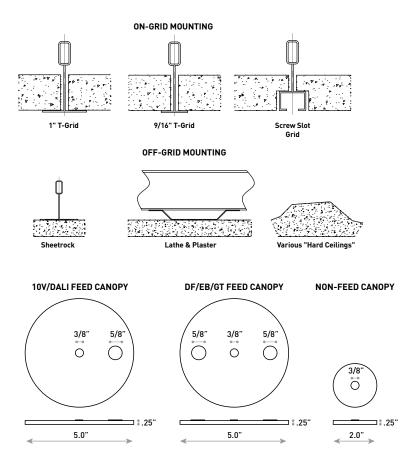
³Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

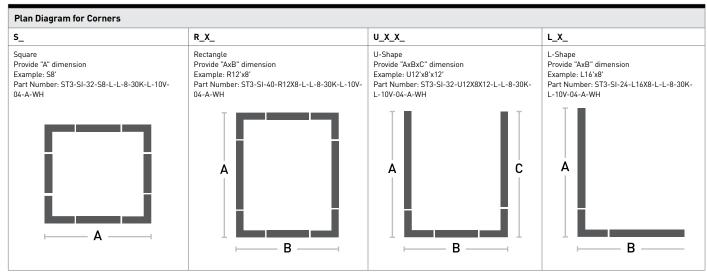
Website: creelighting.com **US:** (800) 236-6800 **Canada:** (800) 473-1234



Initial Delivered Lumens (30K/35K/40K)									
	Indirect Lumen Package - 80 CRI								
Direct Lumen Package	Low		Medium		High				
Tuckage	Downlight	Uplight	Downlight	Uplight	Downlight	Uplight			
L	510	450	510	745	510	1025			
М	830	450	830	745	830	1025			
Н	1150	450	1150	745	1150	1025			

Percentage of Downlight/Uplight										
	Indirect Lumen Package									
Direct Lumen Package	Low		Medium		High					
	%Downlight	%Uplight	%Downlight	%Uplight	%Downlight	%Uplight				
L	53%	47%	41%	59%	33%	67%				
М	65%	35%	53%	47%	45%	55%				
Н	72%	28%	61%	39%	53%	47%				





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

Photometry

ST3-SI-04-H-H-30K-L-10V-04-A-WH BASED ON RESTL REPORT TEST #: PL14232-001A

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%.

Average Luminance Table (cd/m²) Horizontal Angle

45°

12.773

12,029

11,239

10,142

9,020

90°

10.256

9,479

8,690

7,516

0°

13.163

12,339

11,461

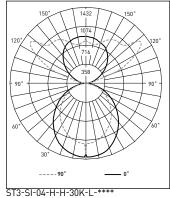
10,221

9,242

Vertical Angle 45°

55°

65°



Initial Delivered Lumens: 7,111

	ents Of I avity Me		n –	
RC %:	80			
RW %:	70	50	30	10
RCR: 0	107	107	107	107
1	97	93	89	86
2	89	81	75	70
3	81	71	64	58
4	74	63	55	49
5	68	56	48	42
6	63	50	42	37
7	58	46	38	32
8	54	41	34	28
9	50	38	30	25
10	47	35	27	23

U %:	80			
W %:	70	50	30	10
CR: 0	107	107	107	107
	97	93	89	86
	89	81	75	70
	81	71	64	58
	74	63	55	49
	68	56	48	42
	63	50	42	37
	58	46	38	32
	54	41	34	28

Effective Floor Cavity Re	flectance: 20%

Zonal Li	Zonal Lumen Summary						
Zone	Lumens	% Lamp	Luminaire				
0-30	1008.12	N/A	14.20%				
0-40	1621.79	N/A	22.80%				
0-60	2772.62	N/A	39.00%				
0-90	3477.9	N/A	48.90%				
90-120	971.81	N/A	13.70%				
90-150	2918.48	N/A	41.00%				
90-180	3633.34	N/A	51.10%				
0-180	7111.24	N/A	100.00%				

Reference https://www.creelighting.com/styllus-series/ for detailed photometric data.



Application ReferenceBased on ST3-SI-04-H-H-8-30K-L-**** Luminaire

Open Space	9					
			80 (CRI		
Linear ft*	Direct Lumen Package	Direct Lumens /ft	Indirect Lumen Package	Indirect Lumens /ft	Average FC	FC/ Linear ft
	Low	510	Low	450	49	0.41
120	Medium	830	Medium	745	81	0.67
	High	1150	High	1025	111	0.92
	Low	510	Low	450	41	0.41
100	Medium	830	Medium	745	67	0.67
	High	1150	High	1025	92	0.92
	Low	510	Low	450	33	0.41
80	Medium	830	Medium	745	54	0.67
	High	1150	High	1025	74	0.92
	Low	510	Low	450	26	0.41
64	Medium	830	Medium	745	42	0.67
	High	1150	High	1025	59	0.92



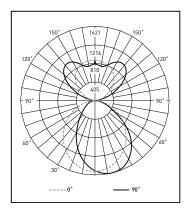
^{10&#}x27; ceiling: 80/50/20 reflectances; 2.5' workplane, 8.5' mounting height. LLF: 1.0 initial.

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-SI-04-H-H-30K-W-**** BASED ON RESTL REPORT TEST #S: PL15326-001B (DOWNLIGHT) & PL14232-001 (UPLIGHT)



ST3-SI-04-H-H-30K-W-**** Initial Delivered Lumens: 6,800

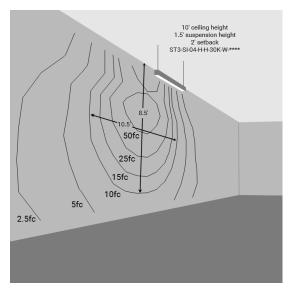
	ents Of l avity Me		on –	
RC %:	80			
RW %:	70	50	30	10
RCR: 0	108	108	108	108
1	99	95	91	87
2	90	83	77	72
3	82	73	66	60
4	76	65	57	51
5	69	58	50	44
6	64	52	44	38
7	59	47	39	34
8	55	43	35	30
9	51	39	32	27
10	48	36	29	24

Effective Floor Cavity Reflectance: 20%

 $Reference \ \underline{https://www.creelighting.com/styllus-series/} \ for \ detailed \ photometric \ data.$

Application Reference

Based on ST3-SI-04-H-30K-W-**** Luminaire



Ave	erage Luminance Table (cd/m²) Zonal Lumen Summary							
		Horizor	ntal Angle	;	Zone	Lumens	% Lamp	Luminaire
		0°	45°	90°	0-30	1149.07	N/A	16.90%
ngle	45°	14,480	16,860	16,516	0-40	1830.25	N/A	26.90%
Vertical Angle	55°	13,623	15,318	13,042	0-60	3021.98	N/A	44.40%
Verti	65°	12,585	12,224	9,458	0-90	3625.66	N/A	53.30%
	75°	11,081	8,684	7,267	0-180	6800.06	N/A	100.00%
	85°	8 484	6.058	5 207				

			l	Jnits					
Length (feet)	2'	4'	6'	8.	10'	12'	Aperture (inches)	End Cap to End Cap (inches)	1/8" End Cap Kits
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



Deliver	ed Lumens	& Electri	cal Data*						
				Indirect Lumen Packa	ge				
		Low Lum	nen Package						
Length	Direct Lumen	System Watts	Initial Delivered Lume	ens**	Total (Current	(A)		
	Package	120- 347V	Lambertian/Wall Wash Distributions Downlight	Batwing Distribution Uplight	120V	208V	240V	277V	347
			80 CRI	80 CRI					
	L	20	1,020	900	0.17	0.10	0.08	0.07	0.06
2'	М	25	1,660	900	0.21	0.12	0.11	0.09	0.08
	Н	31	2,300	900	0.26	0.15	0.13	0.11	0.09
	L	35	2,050	1,790	0.28	0.16	0.14	0.12	0.09
4'	М	46	3,330	1,790	0.38	0.22	0.19	0.16	0.13
	Н	57	4,610	1,790	0.48	0.27	0.24	0.20	0.16
	L	49	3,070	2,690	0.41	0.24	0.21	0.18	0.14
6'	М	66	4,990	2,690	0.55	0.32	0.27	0.24	0.19
	Н	82	6,900	2,690	0.69	0.40	0.34	0.30	0.23
	L	64	4,100	3,580	0.54	0.31	0.27	0.23	0.18
8'	М	86	6,650	3,580	0.71	0.41	0.36	0.31	0.24
	Н	109	9,225	3,580	0.91	0.52	0.45	0.39	0.31
	L	81	5,125	4,480	0.67	0.39	0.34	0.29	0.24
10'	М	107	8,325	4,480	0.90	0.51	0.45	0.39	0.31
	Н	139	11,525	4,480	1.16	0.66	0.57	0.50	0.40
	L	94	6,150	5,375	0.79	0.45	0.39	0.34	0.27
12'	М	129	9,975	5,375	1.07	0.62	0.54	0.46	0.37
	Н	163	13,825	5,375	1.37	0.78	0.68	0.59	0.46
	L	113	7,170	6,270	0.95	0.54	0.47	0.41	0.33
14'	М	152	11,640	6,270	1.26	0.73	0.63	0.55	0.44
	Н	191	16,125	6,270	1.61	0.92	0.79	0.69	0.55
	L	128	8,200	7,160	1.07	0.61	0.53	0.46	0.36
16'	М	172	13,300	7,160	1.43	0.82	0.71	0.62	0.48
	Н	218	18,450	7,160	1.83	1.04	0.90	0.78	0.62
	L	148	9,220	8,060	1.23	0.71	0.61	0.53	0.42
18'	М	198	14,970	8,060	1.64	0.94	0.82	0.71	0.57
	Н	248	20,735	8,060	2.08	1.19	1.03	0.89	0.71
	L	163	10,250	8,950	1.35	0.78	0.68	0.58	0.46
20'	М	218	16,630	8,950	1.80	1.04	0.90	0.78	0.62
	Н	275	23,060	8,950	2.30	1.31	1.14	0.99	0.79
	L	177	11,270	9,850	1.48	0.85	0.74	0.64	0.51
22'	M	238	18,290	9,850	1.97	1.14	0.99	0.85	0.68
22									
	Н	300	25,350	9,850	2.52	1.44	1.25	1.08	0.86
2/!	L	192	12,300	10,740	1.61	0.92	0.80	0.69	0.55
24'	M	258	19,950	10,740	2.14	1.23	1.07	0.92	0.73
	Н .	327	27,675	10,740	2.74	1.56	1.35	1.17	0.94
	L	212	13,320	11,640	1.76	1.02	0.88	0.76	0.60
26'	М	284	21,620	11,640	2.35	1.35	1.17	1.02	0.81
	Н	357	29,960	11,640	2.99	1.71	1.48	1.28	1.02

^{*} 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.



		& Electric	.at Data						
				Indirect Lumen Packa	ge				
		Low Lum	ien Package						
Length	Direct Lumen	System Watts	Initial Delivered Lume	ens**	Total (Current	(A)		
	Package	120- 347V	Lambertian/Wall Wash Distributions Downlight	Batwing Distribution Uplight	120V	208V	240V	277V	347\
			80 CRI	80 CRI					
	L	227	14,350	12,530	1.89	1.09	0.94	0.82	0.64
28'	М	304	23,280	12,530	2.52	1.45	1.26	1.09	0.86
	Н	384	32,285	12,530	3.22	1.83	1.59	1.38	1.10
	L	241	15,370	13,430	2.02	1.16	1.00	0.87	0.69
30'	М	324	24,940	13,430	2.69	1.55	1.34	1.16	0.92
	Н	409	34,575	13,430	3.43	1.96	1.70	1.47	1.17
	L	256	16,400	14,320	2.14	1.23	1.07	0.92	0.73
32'	М	344	26,600	14,320	2.85	1.64	1.42	1.23	0.97
	Н	436	36,900	14,320	3.65	2.08	1.80	1.56	1.25
	L	276	17,420	15,220	2.30	1.32	1.15	0.99	0.79
34'	М	370	28,270	15,220	3.06	1.77	1.53	1.33	1.06
	Н	466	39,185	15,220	3.91	2.23	1.93	1.67	1.34
	L	291	18,450	16,110	2.42	1.39	1.21	1.05	0.82
36'	М	390	29,930	16,110	3.23	1.86	1.61	1.40	1.10
	Н	493	41,510	16,110	4.13	2.35	2.04	1.77	1.41
	L	305	19,470	17,010	2.55	1.47	1.27	1.10	0.87
38'	М	410	31,590	17,010	3.40	1.96	1.70	1.47	1.16
	Н	518	43,800	17,010	4.35	2.48	2.15	1.86	1.48
	L	320	20,500	17,900	2.68	1.54	1.33	1.15	0.91
40'	М	430	33,250	17,900	3.57	2.05	1.78	1.54	1.21
	Н	545	46,125	17,900	4.57	2.60	2.25	1.95	1.56
	L	340	21,520	18,800	2.83	1.63	1.41	1.22	0.97
42'	М	456	34,920	18,800	3.78	2.18	1.89	1.63	1.30
	Н	575	48,410	18,800	4.82	2.75	2.38	2.06	1.65
	L	355	22,550	19,690	2.96	1.70	1.47	1.28	1.01
44'	М	476	36,580	19,690	3.94	2.27	1.97	1.71	1.35
	Н	602	50,735	19,690	5.04	2.87	2.49	2.16	1.73
	L	369	23,570	20,590	3.09	1.77	1.54	1.33	1.06
46'	М	496	38,240	20,590	4.11	2.37	2.05	1.78	1.41
	Н	627	53,025	20,590	5.26	3.00	2.60	2.25	1.80
	L	384	24,600	21,480	3.21	1.84	1.60	1.38	1.09
48'	М	516	39,900	21,480	4.28	2.46	2.14	1.85	1.45
	Н	654	55,350	21,480	5.48	3.12	2.71	2.34	1.87
	L	404	25,620	22,380	3.37	1.94	1.68	1.46	1.15
50'	M	542	41,570	22,380	4.49	2.59	2.24	1.94	1.54
	Н	684	57,635	22,380	5.73	3.27	2.83	2.46	1.96
	L	419	26,650	23,270	3.49	2.01	1.74	1.51	1.19
52'		562	43,230	23,270	4.66	2.68	2.32	2.01	1.59
			,200		1.50	2.50	2.52	2.51	,

^{*} 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.



				Indirect Lumen Pac	:kage				
		Low Lum	nen Package						
Length	Direct Lumen	System Watts	Initial Delivered Lu	mens**	Total (Current	(A)		
Length	Package	120- 347V	Lambertian/Wall Wash Distribu- tions Downlight	Batwing Distribu- tion Uplight	120V	208V	240V	277V	347\
			80 CRI	80 CRI					
	L	433	27,670	24,170	3.62	2.08	1.80	1.56	1.24
54'	М	582	44,890	24,170	4.83	2.78	2.41	2.09	1.65
	Н	736	62,250	24,170	6.17	3.52	3.05	2.64	2.11
	L	448	28,700	25,060	3.75	2.15	1.86	1.61	1.28
56'	М	602	46,550	25,060	4.99	2.87	2.49	2.16	1.70
	Н	763	64,575	25,060	6.39	3.64	3.16	2.73	2.19
	L	468	29,720	25,960	3.90	2.25	1.95	1.69	1.33
58'	М	628	48,220	25,960	5.20	3.00	2.60	2.25	1.78
	Н	793	66,860	25,960	6.65	3.79	3.29	2.85	2.27
	L	483	30,750	26,850	4.03	2.31	2.01	1.74	1.37
60'	М	648	49,880	26,850	5.37	3.09	2.68	2.32	1.83
	Н	820	69,185	26,850	6.87	3.91	3.39	2.94	2.35
	L	497	31,770	27,750	4.16	2.39	2.07	1.79	1.42
62'	М	668	51,540	27,750	5.54	3.19	2.76	2.39	1.89
	Н	845	71,475	27,750	7.09	4.04	3.50	3.03	2.42
	L	512	32,800	28,640	4.28	2.46	2.13	1.85	1.46
64'	М	688	53,200	28,640	5.71	3.28	2.85	2.47	1.94
	Н	872	73,800	28,640	7.31	4.16	3.61	3.12	2.50
	L	532	33,820	29,540	4.44	2.55	2.21	1.92	1.52
66'	М	714	54,870	29,540	5.92	3.41	2.95	2.56	2.03
	Н	902	76,085	29,540	7.56	4.31	3.74	3.24	2.59
	L	547	34,850	30,430	4.56	2.62	2.27	1.97	1.55
68'	М	734	56,530	30,430	6.08	3.50	3.04	2.63	2.07
	Н	929	78,410	30,430	7.78	4.43	3.84	3.33	2.66
	L	561	35,870	31,330	4.69	2.70	2.34	2.02	1.60
70'	М	754	58,190	31,330	6.25	3.60	3.12	2.70	2.13
	Н	954	80,700	31,330	8.00	4.56	3.95	3.42	2.73
	L	576	36,900	32,220	4.82	2.76	2.40	2.08	1.64
72'	М	774	59,850	32,220	6.42	3.70	3.20	2.77	2.18
	Н	981	83,025	32,220	8.22	4.68	4.06	3.52	2.81



^{*} 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.

				Indirect Lumen Pack	age				
		Medium	Lumen Package						
Length	Direct Lumen	System Watts	Initial Delivered Lur	mens**	Total (Current	(A)		
Length	Package	120- 347V	Lambertian/Wall Wash Distribu- tions Downlight	Batwing Distribution Uplight	120V	208V	240V	277V	347
			80 CRI	80 CRI					
	L	24	1,020	1,490	0.20	0.12	0.10	0.09	0.07
2'	М	29	1,660	1,490	0.24	0.14	0.12	0.11	0.09
	Н	35	2,300	1,490	0.29	0.17	0.15	0.13	0.10
	L	43	2,050	2,970	0.36	0.21	0.18	0.16	0.12
4'	М	54	3,330	2,970	0.45	0.26	0.23	0.20	0.16
	Н	65	4,610	2,970	0.55	0.31	0.27	0.24	0.19
	L	62	3,070	4,450	0.51	0.30	0.26	0.22	0.18
6'	М	79	4,990	4,450	0.65	0.38	0.33	0.28	0.23
	Н	95	6,900	4,450	0.80	0.46	0.40	0.34	0.27
	L	81	4,100	5,950	0.68	0.39	0.34	0.29	0.23
8'	М	103	6,650	5,950	0.86	0.49	0.43	0.37	0.29
	Н	126	9,225	5,950	1.06	0.60	0.52	0.45	0.3
	L	101	5,125	7,425	0.84	0.49	0.42	0.36	0.29
10'	М	127	8,325	7,425	1.07	0.61	0.53	0.46	0.3
	Н	159	11,525	7,425	1.33	0.76	0.66	0.57	0.45
	L	120	6,150	8,900	1.01	0.58	0.50	0.44	0.3
12'	М	155	9,975	8,900	1.29	0.75	0.65	0.56	0.45
	Н	189	13,825	8,900	1.59	0.91	0.79	0.68	0.54
	L	143	7,170	10,400	1.19	0.69	0.60	0.52	0.4
14'	М	182	11,640	10,400	1.51	0.87	0.75	0.65	0.52
	Н	221	16,125	10,400	1.85	1.06	0.92	0.80	0.63
	L	162	8,200	11,900	1.36	0.78	0.68	0.59	0.4
16'	М	206	13,300	11,900	1.72	0.99	0.86	0.74	0.58
	Н	252	18,450	11,900	2.12	1.21	1.05	0.91	0.72
	L	186	9,220	13,370	1.55	0.89	0.78	0.67	0.53
18'	М	236	14,970	13,370	1.96	1.13	0.98	0.85	0.68
	Н	286	20,735	13,370	2.40	1.38	1.19	1.03	0.8
	L	205	10,250	14,870	1.72	0.99	0.86	0.74	0.58
20'	М	260	16,630	14,870	2.17	1.25	1.08	0.94	0.7
	Н	317	23,060	14,870	2.66	1.52	1.32	1.14	0.9
	L	224	11,270	16,350	1.87	1.08	0.93	0.81	0.6
22'	М	285	18,290	16,350	2.37	1.36	1.18	1.02	0.8
	Н	347	25,350	16,350	2.91	1.66	1.44	1.25	0.9
	L	243	12,300	17,850	2.04	1.17	1.02	0.88	0.70
24'	М	309	19,950	17,850	2.57	1.48	1.28	1.11	0.88
	Н	378	27,675	17,850	3.17	1.81	1.57	1.36	1.0
	L	267	13,320	19,320	2.23	1.29	1.11	0.96	0.7
26'	M	339	21,620	19,320	2.82	1.62	1.41	1.22	0.9
	Н	412	29,960	19,320	3.46	1.98	1.71	1.49	1.1

^{*} 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.



				Indirect Lumen Pack	age				
		Medium	Lumen Package						
	Direct	System Watts	Initial Delivered Lur	mens**	Total (Current	(A)		
Length	Lumen Package	120- 347V	Lambertian/Wall Wash Distribu- tions Downlight	Batwing Distribution Uplight	120V	208V	240V	277V	347
			80 CRI	80 CRI					
	L	286	14,350	20,820	2.40	1.38	1.19	1.03	0.82
28'	М	363	23,280	20,820	3.02	1.74	1.51	1.31	1.04
	Н	443	32,285	20,820	3.72	2.13	1.84	1.60	1.28
	L	305	15,370	22,300	2.55	1.47	1.27	1.10	0.88
30'	М	388	24,940	22,300	3.22	1.86	1.61	1.39	1.11
	Н	473	34,575	22,300	3.97	2.27	1.96	1.70	1.36
	L	324	16,400	23,800	2.72	1.56	1.35	1.17	0.93
32'	M	412	26,600	23,800	3.43	1.98	1.71	1.48	1.17
	Н	504	36,900	23,800	4.23	2.41	2.09	1.81	1.45
	L	348	17,420	25,270	2.91	1.68	1.45	1.26	1.00
34'	M	442	28,270	25,270	3.67	2.12	1.84	1.59	1.27
34									
	H	538	39,185	25,270	4.52	2.58	2.24	1.94	1.55
	L	367	18,450	26,770	3.07	1.77	1.53	1.33	1.05
36'	М	466	29,930	26,770	3.88	2.24	1.94	1.68	1.33
	Н	569	41,510	26,770	4.78	2.73	2.36	2.05	1.64
	L	386	19,470	28,250	3.23	1.86	1.61	1.40	1.11
38'	М	491	31,590	28,250	4.08	2.35	2.04	1.76	1.40
	Н	599	43,800	28,250	5.03	2.87	2.49	2.16	1.72
	L	405	20,500	29,750	3.40	1.95	1.69	1.47	1.16
40'	М	515	33,250	29,750	4.29	2.47	2.14	1.85	1.46
	Н	630	46,125	29,750	5.29	3.02	2.61	2.27	1.81
	L	429	21,520	31,220	3.59	2.07	1.79	1.55	1.23
42'	М	545	34,920	31,220	4.53	2.61	2.26	1.96	1.56
	Н	664	48,410	31,220	5.58	3.19	2.76	2.39	1.91
	L	448	22,550	32,720	3.75	2.16	1.87	1.62	1.28
44'	М	569	36,580	32,720	4.74	2.73	2.37	2.05	1.62
	Н	695	50,735	32,720	5.84	3.33	2.89	2.50	2.00
	L	467	23,570	34,200	3.91	2.25	1.95	1.69	1.34
46'	м	594	38,240	34,200	4.94	2.84	2.47	2.14	1.69
	Н	725	53,025	34,200	6.08	3.47	3.01	2.61	2.08
	L	486	24,600	35,700	4.08	2.34	2.03	1.76	1.39
48'	M	618	39,900	35,700	5.15	2.96	2.57	2.22	1.75
	Н	756	55,350	35,700	6.35	3.62	3.14	2.72	2.17
EO!	L	510	25,620	37,170	4.27	2.46	2.13	1.84	1.46
50'	M	648	41,570	37,170	5.39	3.10	2.69	2.33	1.85
	Н	790	57,635	37,170	6.63	3.79	3.28	2.84	2.27
	L	529	26,650	38,670	4.43	2.55	2.21	1.91	1.51
52'	М	672	43,230	38,670	5.60	3.22	2.79	2.42	1.91

^{*} 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.



Direct Lumen Package	Medium System Watts 120- 347V 548	Lumen Package Initial Delivered Lum Lambertian/Wall Wash Distributions Downlight 80 CRI	Indirect Lumen Packs ens** Batwing Distribution Uplight		Current	(A)				
L M H	System Watts 120- 347V	Initial Delivered Lum Lambertian/Wall Wash Distributions Downlight	Batwing Distribution	Total (Current	(A)				
Package L M H	120- 347V 548	Wash Distributions Downlight			I	Total Current (A)				
M H		80 CRI		120V	208V	240V	277V	347V		
M H			80 CRI							
Н	697	27,670	40,150	4.59	2.64	2.29	1.98	1.57		
	0//	44,890	40,150	5.80	3.34	2.89	2.51	1.98		
L	851	62,250	40,150	7.14	4.08	3.53	3.06	2.44		
	567	28,700	41,650	4.75	2.73	2.37	2.05	1.63		
М	721	46,550	41,650	6.00	3.46	3.00	2.60	2.05		
Н	882	64,575	41,650	7.40	4.22	3.66	3.17	2.54		
L	591	29,720	43,120	4.95	2.85	2.47	2.14	1.69		
М	751	48,220	43,120	6.25	3.60	3.12	2.70	2.14		
Н	916	66,860	43,120	7.69	4.39	3.81	3.30	2.63		
L	610	30,750	44,620	5.11	2.94	2.55	2.21	1.75		
М	775	49,880	44,620	6.45	3.72	3.22	2.79	2.21		
Н	947	69,185	44,620	7.95	4.54	3.93	3.41	2.73		
L	629	31,770	46,100	5.27	3.03	2.63	2.28	1.81		
М	800	51,540	46,100	6.65	3.83	3.32	2.88	2.28		
Н	977	71,475	46,100	8.20	4.68	4.06	3.51	2.81		
L	648	32,800	47,600	5.43	3.12	2.71	2.35	1.86		
М	824	53,200	47,600	6.86	3.95	3.42	2.97	2.34		
Н	1008	73,800	47,600	8.46	4.83	4.18	3.62	2.90		
L	672	33,820	49,070	5.63	3.24	2.81	2.43	1.93		
М	854	54,870	49,070	7.10	4.09	3.55	3.07	2.44		
Н	1042	76,085	49,070	8.75	5.00	4.33	3.75	3.00		
L	691	34,850	50,570	5.79	3.33	2.89	2.50	1.98		
М	878	56,530	50,570	7.31	4.21	3.65	3.16	2.50		
Н	1073	78,410	50,570	9.01	5.14	4.46	3.86	3.09		
L	710	35,870	52,050	5.95	3.42	2.96	2.57	2.04		
М	903	58,190	52,050	7.51	4.33	3.75	3.25	2.57		
Н	1103	80,700	52,050	9.26	5.28	4.58	3.97	3.17		
L	729	36,900	53,550	6.11	3.51	3.05	2.64	2.09		
	H L M H L M H L M H H L M H H L M H H L M H H L M H H L M H H L M M H H M M H M M M M	H 947 L 629 M 800 H 977 L 648 M 824 H 1008 L 672 M 854 H 1042 L 691 M 878 H 1073 L 710 M 903 H 1103	H 947 69,185 L 629 31,770 M 800 51,540 H 977 71,475 L 648 32,800 M 824 53,200 H 1008 73,800 L 672 33,820 M 854 54,870 H 1042 76,085 L 691 34,850 M 878 56,530 H 1073 78,410 L 710 35,870 M 903 58,190 H 1103 80,700	H 947 69,185 44,620 L 629 31,770 46,100 M 800 51,540 46,100 H 977 71,475 46,100 L 648 32,800 47,600 M 824 53,200 47,600 H 1008 73,800 47,600 L 672 33,820 49,070 M 854 54,870 49,070 H 1042 76,085 49,070 L 691 34,850 50,570 M 878 56,530 50,570 H 1073 78,410 50,570 M 903 58,190 52,050 H 1103 80,700 52,050	H 947 69,185 44,620 7.95 L 629 31,770 46,100 5.27 M 800 51,540 46,100 6.65 H 977 71,475 46,100 8.20 L 648 32,800 47,600 5.43 M 824 53,200 47,600 8.46 H 1008 73,800 47,600 8.46 L 672 33,820 49,070 5.63 M 854 54,870 49,070 7.10 H 1042 76,085 49,070 8.75 L 691 34,850 50,570 5.79 M 878 56,530 50,570 7.31 H 1073 78,410 50,570 9.01 L 710 35,870 52,050 5.95 M 903 58,190 52,050 7.51 H 1103 80,700 52,050 9.26	H 947 69,185 44,620 7.95 4.54 L 629 31,770 46,100 5.27 3.03 M 800 51,540 46,100 6.65 3.83 H 977 71,475 46,100 8.20 4.68 L 648 32,800 47,600 5.43 3.12 M 824 53,200 47,600 6.86 3.95 H 1008 73,800 47,600 8.46 4.83 L 672 33,820 49,070 5.63 3.24 M 854 54,870 49,070 7.10 4.09 H 1042 76,085 49,070 8.75 5.00 L 691 34,850 50,570 5.79 3.33 M 878 56,530 50,570 7.31 4.21 H 1073 78,410 50,570 9.01 5.14 L 710 35,870 52,050 5.95 3.42 M 903 58,190 52,050 7.51 4.33 H 1103 80,700 52,050 9.26 5.28	H 947 69,185 44,620 7.95 4.54 3.93 L 629 31,770 46,100 5.27 3.03 2.63 M 800 51,540 46,100 6.65 3.83 3.32 H 977 71,475 46,100 8.20 4.68 4.06 L 648 32,800 47,600 5.43 3.12 2.71 M 824 53,200 47,600 6.86 3.95 3.42 H 1008 73,800 47,600 8.46 4.83 4.18 L 672 33,820 49,070 5.63 3.24 2.81 M 854 54,870 49,070 7.10 4.09 3.55 H 1042 76,085 49,070 7.10 4.09 3.55 H 1042 76,085 50,570 5.79 3.33 2.89 M 878 56,530 50,570 7.31 4.21 3.65 H 1073 78,410 50,570 9.01 5.14 4.46 L 710 35,870 52,050 5.95 3.42 2.96 M 903 58,190 52,050 7.51 4.33 3.75 H 1103 80,700 52,050 9.26 5.28 4.58	H 947 69,185 44,620 7.95 4.54 3.93 3.41 L 629 31,770 46,100 5.27 3.03 2.63 2.28 M 800 51,540 46,100 6.65 3.83 3.32 2.88 H 977 71,475 46,100 8.20 4.68 4.06 3.51 L 648 32,800 47,600 5.43 3.12 2.71 2.35 M 824 53,200 47,600 6.86 3.95 3.42 2.97 H 1008 73,800 47,600 8.46 4.83 4.18 3.62 L 672 33,820 49,070 5.63 3.24 2.81 2.43 M 854 54,870 49,070 7.10 4.09 3.55 3.07 H 1042 76,085 49,070 5.79 3.33 2.89 2.50 M 878 56,530 50,570 7.31 4.21 3.65 3.16 H 1073 78,410 50,570 9.01 5.14 4.46 3.86 L 710 35,870 52,050 7.51 4.33 3.75 3.25 H 1103 80,700 52,050 7.51 4.33 3.75		



^{*} 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.

				Indirect Lumen Pack	age				
		High Lun	nen Package						
Length	Direct Lumen	System Watts	Initial Delivered Lur	mens**	Total (Current	(A)		
	Package	120- 347V	Lambertian/Wall Wash Distribu- tions Downlight	Batwing Distribution Uplight	120V	208V	240V	277V	347\
			80 CRI	80 CRI					
	L	29	1,020	2,050	0.24	0.14	0.12	0.11	0.08
2'	М	34	1,660	2,050	0.29	0.17	0.14	0.12	0.10
	Н	40	2,300	2,050	0.34	0.19	0.17	0.14	0.11
	L	53	2,050	4,100	0.44	0.25	0.22	0.19	0.15
4'	М	64	3,330	4,100	0.53	0.31	0.27	0.23	0.19
	Н	75	4,610	4,100	0.63	0.36	0.31	0.27	0.22
	L	77	3,070	6,150	0.64	0.37	0.32	0.28	0.22
6'	М	94	4,990	6,150	0.78	0.45	0.39	0.34	0.27
	Н	110	6,900	6,150	0.93	0.53	0.46	0.40	0.31
	L	101	4,100	8,200	0.85	0.49	0.42	0.37	0.29
8'	М	123	6,650	8,200	1.03	0.59	0.51	0.44	0.35
	Н	146	9,225	8,200	1.23	0.70	0.61	0.53	0.42
	L	127	5,125	10,250	1.06	0.61	0.53	0.46	0.37
10'	M	153	8,325	10,250	1.29	0.74	0.64	0.55	0.44
-	Н	185	11,525	10,250	1.55	0.89	0.77	0.67	0.53
	L	153	6,150	12,300	1.28	0.74	0.64	0.55	0.44
12'	М	188	9,975	12,300	1.56	0.90	0.78	0.68	0.54
12	Н	222	13,825	12,300	1.86	1.07	0.70	0.80	0.63
	L	178			1.49	0.86	0.75	0.65	0.51
14'	М		7,170	14,350			0.75		0.62
14		217	11,640	14,350	1.81	1.04		0.78	
	Н .	256	16,125	14,350	2.15	1.23	1.07	0.92	0.73
	L	202	8,200	16,400	1.70	0.98	0.85	0.73	0.58
16'	М	246	13,300	16,400	2.05	1.18	1.02	0.89	0.70
	Н	292	18,450	16,400	2.45	1.40	1.21	1.05	0.84
	L	231	9,220	18,450	1.93	1.11	0.97	0.84	0.66
18'	М	281	14,970	18,450	2.34	1.35	1.17	1.01	0.8
	Н	331	20,735	18,450	2.78	1.59	1.38	1.20	0.95
	L	255	10,250	20,500	2.14	1.23	1.07	0.92	0.73
20'	М	310	16,630	20,500	2.58	1.49	1.29	1.12	0.89
	Н	367	23,060	20,500	3.08	1.76	1.53	1.32	1.0
	L	279	11,270	22,550	2.34	1.35	1.17	1.01	0.8
22'	М	340	18,290	22,550	2.83	1.63	1.41	1.23	0.98
	Н	402	25,350	22,550	3.38	1.93	1.67	1.45	1.16
	L	303	12,300	24,600	2.54	1.46	1.27	1.10	0.87
24'	М	369	19,950	24,600	3.08	1.77	1.54	1.33	1.05
	Н	438	27,675	24,600	3.68	2.10	1.82	1.58	1.20
	L	332	13,320	26,650	2.78	1.60	1.39	1.20	0.95
26'	М	404	21,620	26,650	3.36	1.94	1.68	1.46	1.10
	Н	477	29,960	26,650	4.01	2.29	1.99	1.72	1.3

^{*} 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.



				Indirect Lumen Pack	ene				
		High L.	een Deelver	munect Lumen Pack	aye				
	Direct	High Lun System	nen Package Initial Delivered Lur	mane**	Total	Current	(A)		
Length	Lumen	Watts	minar Denvered Lur	licilo	iotat t	ourent	240V 277V 1.49 1.29 1.80 1.56 2.14 1.85 1.59 1.38 1.93 1.67 2.28 1.98 1.69 1.46 2.05 1.77 2.43 2.10 1.81 1.57 2.19 1.90 2.60 2.25 1.91 1.66 2.32 2.01 2.74 2.38 2.01 1.74 2.44 2.11 2.89 2.50 2.11 1.83 2.56 2.22 3.04 2.63 2.23 1.93 2.71 2.34 3.20 2.78 2.33 2.02 2.83 2.45 3.35 2.90 2.44 2.11 2.95 2.56 3.50 3.03 2.54 2.20	1	
	Package	120- 347V	Lambertian/Wall Wash Distribu- tions Downlight	Batwing Distribution Uplight	120V	208V	240V	277V	347
			80 CRI	80 CRI					
	L	356	14,350	28,700	2.98	1.72	1.49	1.29	1.02
28'	М	433	23,280	28,700	3.61	2.08	1.80	1.56	1.24
	Н	513	32,285	28,700	4.31	2.46	2.14	1.85	1.48
	L	380	15,370	30,750	3.19	1.83	1.59	1.38	1.10
30'	М	463	24,940	30,750	3.86	2.22	1.93	1.67	1.33
	Н	548	34,575	30,750	4.60	2.63	2.28	1.98	1.58
	L	404	16,400	32,800	3.39	1.95	1.69	1.46	1.16
32'	М	492	26,600	32,800	4.10	2.36	2.05	1.77	1.40
	Н	584	36,900	32,800	4.90	2.80	2.43	2.10	1.68
	L	433	17,420	34,850	3.63	2.09	1.81	1.57	1.24
34'	М	527	28,270	34,850	4.39	2.53	2.19	1.90	1.51
	Н	623	39,185	34,850	5.23	3.00	2.60	2.25	1.79
	L	457	18,450	36,900	3.83	2.20	1.91	1.66	1.31
36'	М	556	29,930	36,900	4.64	2.67	2.32	2.01	1.59
	Н	659	41,510	36,900	5.54	3.16			1.90
	L	481	19,470	38,950	4.03	2.32			1.39
38'	M	586	31,590	38,950	4.88	2.81			1.68
50	Н	694	43,800	38,950	5.83	3.33			2.00
	L	505	20,500	41,000	4.24	2.44			1.45
/O'			33.250						
40'	М	615		41,000	5.13	2.95			1.75
	Н .	730	46,125	41,000	6.13	3.50			2.10
	L	534	21,520	43,050	4.47	2.58			1.53
42'	М	650	34,920	43,050	5.42	3.12			1.86
	Н	769	48,410	43,050	6.46	3.70			2.2
	L	558	22,550	45,100	4.68	2.69	2.33	2.02	1.60
44'	М	679	36,580	45,100	5.66	3.26	2.83	2.45	1.94
	Н	805	50,735	45,100	6.76	3.86	3.35	2.90	2.32
	L	582	23,570	47,150	4.88	2.81	2.44	2.11	1.68
46'	М	709	38,240	47,150	5.91	3.40	2.95	2.56	2.03
	Н	840	53,025	47,150	7.05	4.03	3.50	3.03	2.42
	L	606	24,600	49,200	5.09	2.93	2.54	2.20	1.74
48'	М	738	39,900	49,200	6.16	3.55	3.07	2.66	2.10
	Н	876	55,350	49,200	7.36	4.20	3.64	3.16	2.5
	L	635	25,620	51,250	5.32	3.06	2.66	2.30	1.83
50'	М	773	41,570	51,250	6.44	3.71	3.22	2.79	2.2
	Н	915	57,635	51,250	7.69	4.40	3.81	3.30	2.6
	L	659	26,650	53,300	5.53	3.18	2.76	2.39	1.8
52'	М	802	43,230	53,300	6.69	3.85	3.34	2.89	2.2
	Н	951	59,960	53,300	7.99	4.57	3.96	3.43	2.74

^{*} 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	Direct Lumen Package	Indirect Lumen Package							
		High Lumen Package							
		System Watts Initial Delivered Lumens**			Total Current (A)				
		120- 347V	Lambertian/Wall Wash Distributions Downlight Batwing Distribution Uplight 80 CRI 80 CRI		120V	208V	240V	277V	347V
54'	L	683	27,670	55,350	5.73	3.30	2.86	2.48	1.97
	М	832	44,890	55,350	6.94	4.00	3.46	3.00	2.38
	Н	986	62,250	55,350	8.28	4.73	4.10	3.55	2.84
56'	L	707	28,700	57,400	5.93	3.41	2.96	2.56	2.03
	М	861	46,550	57,400	7.18	4.14	3.58	3.11	2.45
	Н	1022	64,575	57,400	8.58	4.90	4.25	3.68	2.94
58'	L	736	29,720	59,450	6.17	3.55	3.08	2.67	2.12
	М	896	48,220	59,450	7.47	4.30	3.73	3.23	2.57
	Н	1061	66,860	59,450	8.91	5.10	4.42	3.83	3.06
60'	L	760	30,750	61,500	6.37	3.67	3.18	2.75	2.18
	М	925	49,880	61,500	7.71	4.44	3.85	3.34	2.64
	Н	1097	69,185	61,500	9.21	5.27	4.56	3.95	3.16
62'	L	784	31,770	63,550	6.58	3.78	3.28	2.84	2.26
	М	955	51,540	63,550	7.96	4.59	3.97	3.44	2.73
	Н	1132	71,475	63,550	9.51	5.43	4.71	4.08	3.26
64'	L	808	32,800	65,600	6.78	3.90	3.38	2.93	2.32
	М	984	53,200	65,600	8.21	4.73	4.10	3.55	2.80
	Н	1168	73,800	65,600	9.81	5.60	4.86	4.21	3.36
66'	L	837	33,820	67,650	7.02	4.04	3.50	3.03	2.41
	М	1019	54,870	67,650	8.49	4.89	4.24	3.68	2.92
	Н	1207	76,085	67,650	10.14	5.80	5.02	4.35	3.48
68'	L	861	34,850	69,700	7.22	4.15	3.60	3.12	2.47
	М	1048	56,530	69,700	8.74	5.04	4.36	3.78	2.99
	Н	1243	78,410	69,700	10.44	5.97	5.17	4.48	3.58
70'	L	885	35,870	71,750	7.42	4.27	3.70	3.21	2.55
	М	1078	58,190	71,750	8.99	5.18	4.49	3.89	3.08
	Н	1278	80,700	71,750	10.73	6.14	5.32	4.61	3.68
72'	L	909	36,900	73,800	7.63	4.39	3.80	3.29	2.61
	М	1107	59,850	73,800	9.23	5.32	4.61	3.99	3.15
	Н	1314	83,025	73,800	11.03	6.30	5.46	4.73	3.78

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^{*} 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.