LITECONTROL
making light work™

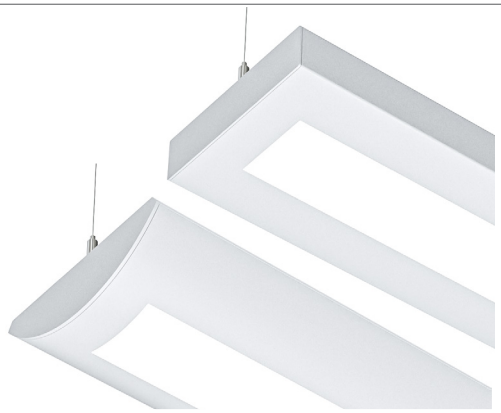
DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

Stance

LINEAR PENDANT FAMILY



FEATURES

- Virtually unlimited uplight/downlight distributions maximize application flexibility
- 10-day quick ship from Massachusetts ensures product will be on-site quickly
- Current's patented TriGain phosphor delivers 90 CRI color quality at 80 CRI efficacy
- Rectilinear (**PL**) and arcuate (**AR**) form factors available
- 2'–8' fixture lengths available both individually and in continuous rows

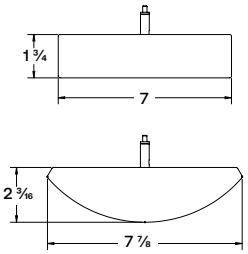
VI BAA TAA BABA TriGain® technology DLC LISTED

CONTROL TECHNOLOGY

NX WIRED NX WIRELESS SpectraSync™ Color Tuning Technology

SERVICE PROGRAM

QS10



	Weight Chart			
	SI		ID/I/D	
Length	Typical (lbs)	Max (lbs)	Typical (lbs)	Max (lbs)
2'	6.5	7.5	8.5	10.0
3'	9.5	10.5	12.5	13.5
4'	11.0	12.5	14.0	16.0
6'	15.0	17.0	19.0	22.0
8'	18.0	19.5	23.0	25.5

SPECIFICATIONS

HOUSING CONSTRUCTION

- Plank (**PL**) cross section 1 ¾" x 7" or Arc (**AR**) cross section of 2 3⁄16" x 7 ⅞"
- Windowed housing constructed from die-formed 20GA CRS and welded end headers
- Die-formed 14GA steel end caps
- 6063-T6 extruded aluminum with matte white powder coat finish light engine for Indirect/Direct (**ID**), Indirect (**I**) or Direct (**D**) distributions
- Dual purpose formed 22GA prepaint steel reflector also serves as wireway cover for Semi-Indirect (**SI**) distribution
- Four ⅝" KO's and two ½" KO's per 2', 3', or 4' module located on top of housing
- Finished components are powder-coat. Polyester powder-coat applied in-house on after multi stage wash
- Low profile cable gripper limits visibility while providing maximum horizontal balance
- Pendant location at ends of rows (or individual fixtures) are 9⁄32" from fixture ends. See Dimensions section for details
- Suspension required at every row joint. 3⁄64" diameter field-adjustable aircraft cables or ⅜" diameter stem options available
- Aircraft cable non-feed canopy 2" diameter; aircraft cable feed and stem canopy 5" diameter

OPTICS

- Indirect/Direct (**ID**), Semi-Indirect (**SI**), Direct (**D**), or Indirect (**I**) distribution options
- UV stabilized, impact resistant, matte textured surface soft diffuse acrylic (**SOF**) lens ships installed. Product installation does not require removal of lens

OPTICS (CONTINUED)

- Indirect/Direct (**ID**) and Indirect (**I**) products can be specified as standard lambertian (**STD**) or 103° low peak angle (**LPA**)
- Semi-Indirect (**SI**) is a set optical distribution of 75/25. High efficacy and budget friendly with 115° low peak angle (**LPA**) indirect distribution
- Visual comfort diffuser (**VCD**) option suppresses light above 65° to improve UGR values
- Clear dust cover (**DCC**) or frosted dust cover (**DCF**) options available. Can be added post installation

ELECTRICAL

- Variable Intensity (**VI**) technology allows precise specification of fixture output/wattage. Fixture will be programmed and labeled to specification
- Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy
- 2 SDCM color consistency
- Integral solid state constant current dimming driver. 1% for 0–10V controls
- Lens, LED Boards and solid state constant current drivers are field-serviceable while installed
- Single circuit (**1C**) wiring suitable for most configurations
- Two circuit (**2C**) option available with ID distribution for Uplight and Downlight switched/dimmed separately. Two power feeds required
- Nightlight (**NL**) option available
- Integral 10W battery powered driver (**EF**) available. Provides a minimum of 90 minutes of emergency lighting
- Inverter-Compatible, provided by others

ELECTRICAL (CONTINUED)

- Sensors install at end of individual fixtures. For rows or additional information, contact factory
- NX and SpectraSync™ compatible

CERTIFICATIONS

- cCSAus certified to UL 1598
- Suitable for damp locations
- UL924
- IBEW
- AF of L
- This product offers BABA compliant configurations. Configurations including batteries, sensors, controls, some drivers, and selected mountings may not be compliant. Please consult factory to verify BABA compliance for a given configuration.
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions.
- Emergency Battery Backup options are California Energy Commission (CEC) Title 20 Compliant.
- Install in environments where ambient temperature does not exceed 25°C
- DLC V5.1 listed luminaire. Not all product variations listed in this document are DLC qualified. Refer to designlights.org for most up-to-date list.

WARRANTY

- 5 year warranty

KEY DATA	
Output Range	I: 150–1900 Lm/Ft D: 150–1900 Lm/Ft SI: 150–1900 Lm/Ft
Max Efficacy Range	164 LPW
Color Consistency	2 SDCM

LITECONTROL
making light work™

DATE: LOCATION:

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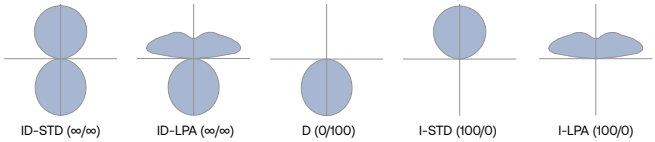
Stance

LINEAR PENDANT FAMILY

ORDERING GUIDE INDIRECT / DIRECT, DIRECT, OR INDIRECT

Gray Highlighting = 10 Day Quick Ship Program QS10



ID-STD (∞/∞) ID-LPA (∞/∞) D (0/100) I-STD (100/0) I-LPA (100/0)

Example: STNC-PL-P-ID-LPA-24-8-SOF-WHS-35K9-I050-DO80-D01-2C-UNV-FA1

CATALOG #

STNC	–	P	–		–		–		–		–		–	
Series		**Profile**		**Mounting**		**Fixture Distribution**		**Indirect Optics** [1]		**Row Length**		**Max Length in Row**		**Direct Diffuser** [2]		**Finish**
STNC		**PL** Plank **AR** Arc		**P** Pendant		**ID** Indirect/Direct **D** Direct (0/100) **I** Indirect(100/0)		**STD** Standard **LPA** Low Peak Angle		**___'** Enter in foot increments		**2** 2' **3** 3' **4** 4' **6** 6' **8** 8'		**SOF** Soft Diffuse Lens		**WHS** White, Smooth (C1) **GYS** Gray, Smooth (C4) **BLS** Black, Smooth (C5) **CC** Custom Color

CCT/CRI		**Indirect Output** [1,5]		**Direct Output** [2,5]		**Dimming**		**Circuiting**		**Voltage**		**Suspension Kit** [7]	
27K9	2700K, 90CRI	**I015**	150 (min) to **I190** 1900 (max)	**D015**	150 (min) to **D190** 1900 (max)	**D01**	1% 0-10V	**1C**	Single Circuit	**UNV**	Universal (120V-277V)	**FA1**	Suspension Kit, 51"
30K9	3000K, 90CRI					**D05**	5% 0-10V	**2C**	Dual Circuit (Uplight/ Downlight)	**347**	347V [3,6]	**FA2**	Suspension Kit, 87"
35K9	3500K, 90CRI					**NDM**	Non-Dimming					**FA3**	Suspension Kit, 219"
40K9	4000K, 90CRI					**LEC**	1% Lutron Hi-Lume EcoSystem [3]					**FA4**	Suspension Kit, 363"
50K9	5000K, 90CRI					**DALIP**	DALIP [3]					**P**	Swivel Stem Kit, 36"
2765T	2700-6500K Tunable White, 90CRI [3,4]					**SEN**	For use with Sensors						

OPTIONAL

Nightlight	Emergency [8]	Additional Lensing	T-Bar Clips [11]
NL Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row	**EF** 10W Emergency Battery Pack (CEC Title 20 Compliant) Enter quantity. 2EF = 2 emergency batteries/row	**DCC** Clear Acrylic Dust Cover [1] **DCF** Frosted Acrylic Dust Cover [1] **VCD** Visual Comfort Diffuser [2]	**CB1** T-bar clip - 15/16" **CB2** T-bar clip - 9/16" **CB3** T-bar clip - 9/16" SS

Controls & Sensors [3,9]	
NX Networked - Wireless [10]	
NXWSM	NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming
NXCS	NX Connect NXC-WIZ20 Wireless Indoor Occupancy and Photocell Sensor
Other	
ODPG	OCC/DLH w Group Philips SNS
ODWG	Wattstopper LMFS-601

Notes:

1 Compatible with I or ID distributions.
2 Compatible with D or ID distributions.
3 Additional lead time may be applicable. Consult factory.
4 Must be ordered with D05 dimming.
5 Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
6 Compatible with D01, D05, NDM, SEN. Excludes EF option.
7 Add suffix /V to replace all 2" non-feed canopy covers with 5" canopy covers. FA1/V = 51" suspension kit w/ 5" canopies; stems, canopies and feed cord are supplied in white regardless of fixture color unless otherwise specified.
8 EF - 10W battery powered driver. Provides a minimum of 90 minutes of emergency lighting.
9 Submittal drawings required for row configurations.
10 Refer to NX Integrated Controls Reference Table for Functionality of Options.
11 Includes Luminaire Canopy Box.

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Stance

LINEAR PENDANT FAMILY

DATE:	LOCATION:
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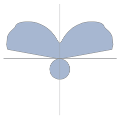
CATALOG #:	

Gray Highlighting = 10 Day Quick Ship Program QS10

ORDERING GUIDE SEMI-INDIRECT



SI-LPA (75/25)

Example: STNC-PL-P-SI-LPA-24-8-SOF-WHS-35K9-SI100-D01-1C-UNV-FA1

CATALOG #

STNC – ___ – P – ___ – ___ – ___ – ___ – ___ – ___ –

Series	Profile	Mounting	Fixture Distribution	Indirect Optics	Row Length	Max Length in Row	Direct Diffuser	Finish
STNC	**PL** Plank	**P** Pendant	**SI** Semi-Indirect (75/25)	**LPA** Low Peak Angle	___' Enter in foot increments	**2** 2'	**SOF** Soft Diffuse Lens	**WHS** White, Smooth (C1)
	AR Arc					**3** 3'		**GYS** Gray, Smooth (C4)
						4 4'		**BLS** Black, Smooth (C5)
						6 6'		**CC** Custom Color
						8 8'		

___ – ___ – ___ – ___ – ___ – ___ –

CCT/CRI	Lumen Output [3]	Dimming	Circuiting	Voltage	Suspension Kit [5]
27K9 2700K, 90CRI	**SI015** 150 (min)	**D01** 1% 0-10V	**1C** Single Circuit	**UNV** Universal (120V-277V)	**FA1** Suspension Kit, 51"
30K9 3000K, 90CRI	to	**D05** 5% 0-10V		**347** 347V [1,4]	**FA2** Suspension Kit, 87"
35K9 3500K, 90CRI	**SI190** 1900 (max)	**NDM** Non-Dimming			**FA3** Suspension Kit, 219"
40K9 4000K, 90CRI		**LEC** 1% Lutron Hi-Lume EcoSystem [1]			**FA4** Suspension Kit, 363"
50K9 5000K, 90CRI		**DALIP** DALIP [1]			
2765T 2700-6500K Tunable White, 90CRI [1,2]		**SEN** For use with Sensors			

OPTIONAL

___ – ___ – ___ –

Nightlight	Emergency [6]	Additional Lensing
NL Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row	**EF** 10W Emergency Battery Pack (CEC Title 20 Compliant) Enter quantity. 2EF = 2 emergency batteries/row	**DCC** Clear Acrylic Dust Cover
		DCF Frosted Acrylic Dust Cover
		VCD Visual Comfort Diffuser

Controls & Sensors [1,7]

NX Networked - Wireless [8]

NXWSM	NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming
NXCS	NX Connect NXC-WIZ20 Wireless Indoor Occupancy and Photocell Sensor

Other

ODPG	OCC/DLH w Group Philips SNS
ODWG	Wattstopper LMFS-601

Notes:

1. Additional lead time may be applicable. Consult factory.
2. Must be ordered with D05 dimming.
3. Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
4. Compatible with D01, D05, NDM, SEN. Excludes EF option.
5. Add suffix /V to replace all 2" non-feed canopy covers with 5" canopy covers. FA1/V = 51" suspension kit w/ 5" canopies; stems, canopies and feed cord are supplied in white regardless of fixture color unless otherwise specified.
6. EF - 10W battery powered driver. Provides a minimum of 90 minutes of emergency lighting.
7. Submittal drawings required for row configurations and patterns.
8. Refer to NX Integrated Controls Reference Table for Functionality of Options.

Stance
LINEAR PENDANT FAMILY

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

RESTRICTIONS

Dust Cover (DC) Restrictions		
	150-1500lm/ft	1550-1900lm/ft
SI		
ID		DC Not Available
I		DC Not Available
D	DC Not Available	

Emergency (EF) Restrictions					
	2'	3'	4'	6'	8'
SI	EF Not Available				
ID	EF Not Available				
I	EF Not Available				
D	EF Not Available				

Driver Restrictions									
	150lm/ft	200lm/ft	250lm/ft	300lm/ft	350-450lm/ft	500-1450lm/ft	1500-1750lm/ft	1800-1850lm/ft	1900lm/ft
2'	None Available		LEC Not Available				LEC Not Available for PID & PD	LEC Not Available	
3'	None Available	LEC Not Available							
4'	LEC Not Available								
6'	LEC Not Available								
8'									

Stance
LINEAR PENDANT FAMILY

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

CONTROLS OPTIONS AND FUNCTIONALITY

NX LIGHTING CONTROLS

	Control Option Ordering Logic & Description		Control Option Functionality								Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy / Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth® App Programming		
NX Wireless	NXWSM	NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming	✓	✓	✓	✓	✓	✓	✓	✓		NXSMP2-SMI
NX Connect	NXCS	NX Connect NXC-WIZ20 Wireless Indoor Occupancy and Photocell Sensor	–	✓	–	✓	✓	✓	✓	✓[1]		NXC-WIZ20

1 Requires use of NX Connect App available for download from Apple app store.

CONTROLS TECHNICAL SUPPORT

1-800-888-8006 (7:00 am–7:00 pm est)

APP INFORMATION

NX Lighting Controls App

The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.

Android

Apple iOS

NX Connect App

The NX Connect mobile App is a free to use mobile application for programming a NX Connect System. The mobile App allows you to discover, configure and share your NX Connect system.

Apple iOS

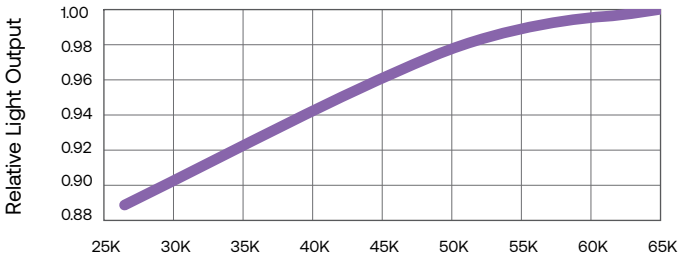
CONTROLS OPTIONS AND FUNCTIONALITY (CONTINUED)

SpectraSync™ Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

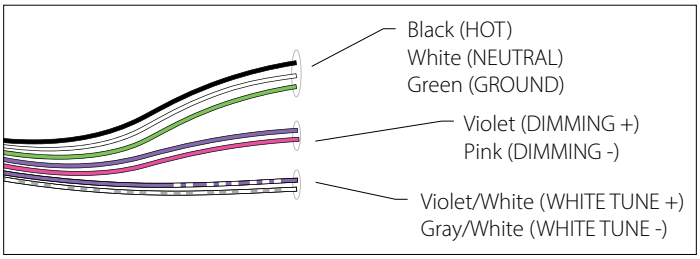
SPECTRASYNC COLOR TUNING TECHNOLOGY		
Mode	**Kelvin Range**	**Description**
Tunable White	2700K–6500K	Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space

Relative Light Output Based on CCT



SpectraSync Tunable White

Available in 2765T (2700K–6500K). Requires two 0–10V controllers, one for intensity and one for CCT. Minimum 5% dimming.

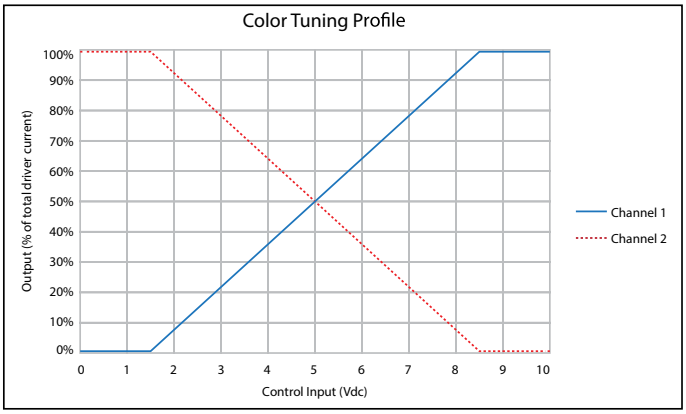


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and gray/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

Controller Manufacturer Data

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- Current: NX Lighting Controls Room Controllers (NXRCFX2) and In-fixture Controllers (NXFM2)
- Lutron: DVTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



DATE: LOCATION:

TYPE: PROJECT:

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Stance
LINEAR PENDANT FAMILY

PERFORMANCE DATA TABLE FOR I, D, ID

The table below shows the delivered lumens for the various lumen outputs.
Use this chart in connection with the output multiplier capability to deliver any output required

Indirect Standard (STD)			
Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)
I015	150	1.1	138
I020	200	1.4	147
I025	250	1.6	153
I030	300	1.9	157
I035	350	2.2	160
I040	400	2.5	161
I045	450	2.8	163
I050	500	3.1	163
I055	550	3.4	164
I060	600	3.7	164
I065	650	4.0	164
I070	700	4.3	164
I075	750	4.6	164
I080	800	4.9	163
I085	850	5.2	163
I090	900	5.6	162
I095	950	5.9	161
I100	1000	6.2	161
I105	1050	6.6	160
I110	1100	6.9	159
I115	1150	7.3	158
I120	1200	7.6	158
I125	1250	8.0	157
I130	1300	8.3	156
I135	1350	8.7	155
I140	1400	9.1	154
I145	1450	9.5	153
I150	1500	9.9	152
I155	1550	10.3	151
I160	1600	10.7	149
I165	1650	11.1	148
I170	1700	11.6	146
I175	1750	12.1	144
I180	1800	12.6	143
I185	1850	13.2	141
I190	1900	13.7	139

Indirect Low Peak Angle (LPA)			
Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)
I015	150	1.2	130
I020	200	1.4	139
I025	250	1.7	145
I030	300	2.0	149
I035	350	2.3	152
I040	400	2.6	153
I045	450	2.9	155
I050	500	3.2	156
I055	550	3.5	157
I060	600	3.8	157
I065	650	4.1	158
I070	700	4.4	158
I075	750	4.7	158
I080	800	5.1	158
I085	850	5.4	158
I090	900	5.7	158
I095	950	6.0	158
I100	1000	6.3	158
I105	1050	6.7	158
I110	1100	7.0	157
I115	1150	7.3	157
I120	1200	7.7	157
I125	1250	8.0	157
I130	1300	8.3	156
I135	1350	8.7	156
I140	1400	9.0	155
I145	1450	9.4	155
I150	1500	9.7	154
I155	1550	10.1	154
I160	1600	10.5	153
I165	1650	10.8	152
I170	1700	11.2	152
I175	1750	11.6	151
I180	1800	12.0	151
I185	1850	12.3	150
I190	1900	12.7	149

Direct			
Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)
D015	150	1.3	115
D020	200	1.6	121
D025	250	2.0	125
D030	300	2.4	127
D035	350	2.7	129
D040	400	3.1	129
D045	450	3.5	130
D050	500	3.9	130
D055	550	4.3	129
D060	600	4.6	129
D065	650	5.0	129
D070	700	5.5	128
D075	750	5.9	127
D080	800	6.3	127
D085	850	6.7	126
D090	900	7.2	125
D095	950	7.6	125
D100	1000	8.1	124
D105	1050	8.5	123
D110	1100	9.0	122
D115	1150	9.5	121
D120	1200	10.0	120
D125	1250	10.5	119
D130	1300	11.1	117
D135	1350	11.6	116
D140	1400	12.2	115
D145	1450	12.7	114
D150	1500	13.3	113
D155	1550	13.9	112
D160	1600	14.5	110
D165	1650	15.1	109
D170	1700	15.7	108
D175	1750	16.7	106
D180	1800	17.4	105
D185	1850	18.1	103
D190	1900	18.9	102

(wattage may vary up to 5% from published)

Output Multiplier Table - I, D, ID

Photometrics are published at a nominal 3500K temperature, 90 CRI.
This table may be used to approximate the lumen values at different Kelvin temperatures.
Power consumption would stay the same.

CCT	2700K	3000K	3500K	4000K	PL	AR	VCD
Multiplier	0.9	0.96	1.0	1.0	1.0	1.07	0.89

Stance
LINEAR PENDANT FAMILY

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

PERFORMANCE DATA TABLE FOR SI

The table below shows the delivered lumens for the various lumen outputs.
Use this chart in connection with the output multiplier capability to deliver any output required

Semi-Indirect Low Peak Angle			
Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)
SI015	150	1.2	124
SI020	200	1.5	131
SI025	250	1.8	136
SI030	300	2.1	140
SI035	350	2.5	142
SI040	400	2.8	144
SI045	450	3.1	145
SI050	500	3.4	146
SI055	550	3.8	146
SI060	600	4.1	147
SI065	650	4.4	147
SI070	700	4.7	147
SI075	750	5.1	147
SI080	800	5.4	147
SI085	850	5.8	147
SI090	900	6.1	147
SI095	950	6.5	147
SI100	1000	6.8	147
SI105	1050	7.2	147
SI110	1100	7.5	146
SI115	1150	7.9	146
SI120	1200	8.2	146
SI125	1250	8.6	145
SI130	1300	9.0	145
SI135	1350	9.3	145
SI140	1400	9.7	144
SI145	1450	10.1	143
SI150	1500	10.5	143
SI155	1550	10.9	142
SI160	1600	11.3	142
SI165	1650	11.7	141
SI170	1700	12.1	141
SI175	1750	12.5	140
SI180	1800	12.9	139
SI185	1850	13.3	139
SI190	1900	13.8	138

(wattage may vary up to 5% from published)

Output Multiplier Table - SI

Photometrics are published at a nominal 3500K temperature, 90 CRI.
This table may be used to approximate the lumen values at different Kelvin temperatures.
Power consumption would stay the same.

CCT	2700K	3000K	3500K	4000K	PL	AR	VCD
Multiplier	0.9	0.96	1.0	1.0	1.0	1.03	0.99

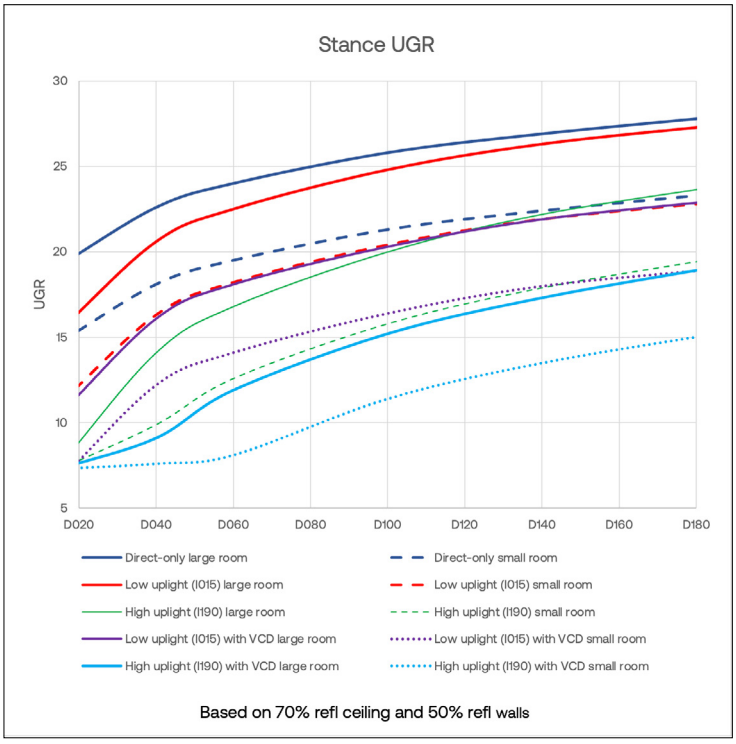
Lumen Maintenance

Values calculated to estimate lumen degradation over time derived from IES TM-21. Calculations based on luminaires tested to LM-79-2008 in 25°C (77°F) ambient environment at their worst thermal configuration.

	ID, D, I		SI	
	TM-21-21	TM-21-11	TM-21-21	TM-21-11
	Reported	Calculated	Reported	Calculated
L85	>60,000	67,500	>60,000	133,500
L80	N/A	97,000	N/A	188,000
L70	N/A	162,000	N/A	308,000

TM-21-22 reported values are supported by IES standards and based on six times LM-80 test time for the LED and in-situ thermal testing of luminaire per IES TM-21.

TM-21-11 values represent commonly used theoretical estimations.
The IES has published an updated position on LED Product Lifetime Prediction (IES PS-10-18) explaining the proper use of IES TM-21 and LM-80.



LITECONTROL
making light work™

Stance

LINEAR PENDANT FAMILY

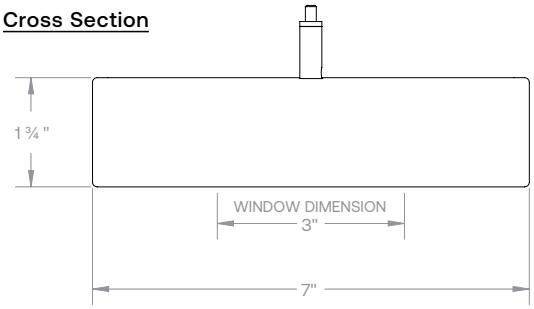
DATE: LOCATION:

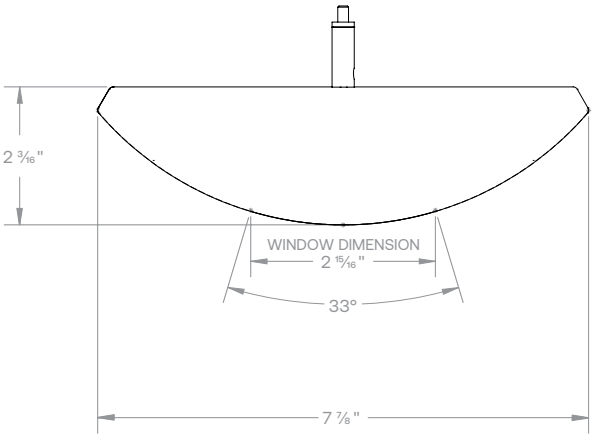
TYPE: PROJECT:

CATALOG #:

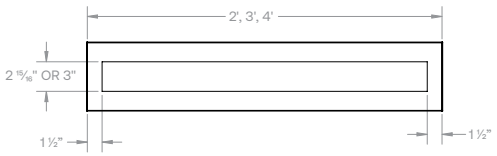
DIMENSIONS

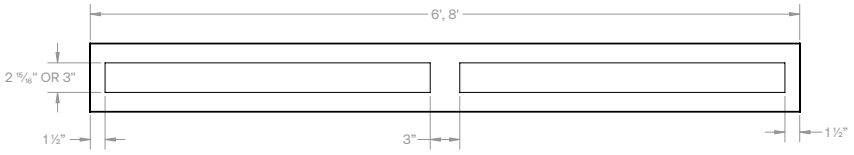
Cross Section



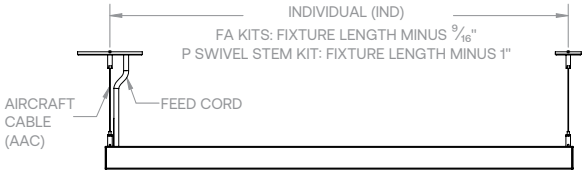


Ind Mount - Bottom View



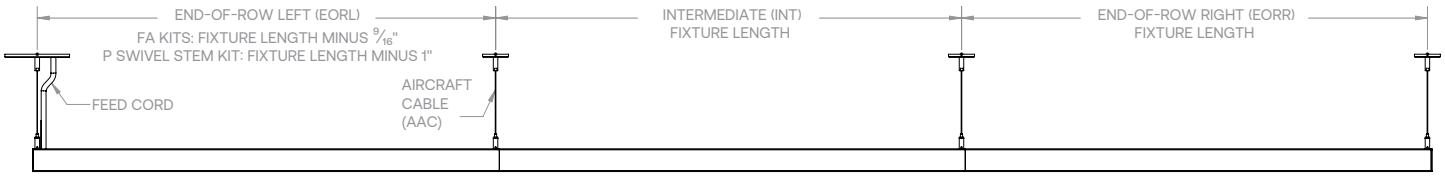


Ind Mount - Side View



	Weight Chart			
	SI		ID/I/D	
Length	Typical (lbs)	Max (lbs)	Typical (lbs)	Max (lbs)
2'	6.5	7.5	8.5	10.0
3'	9.5	10.5	12.5	13.5
4'	11.0	12.5	14.0	16.0
6'	15.0	17.0	19.0	22.0
8'	18.0	19.5	23.0	25.5

Row Mount - Side View



FINISHES

Gray Smooth

Black Smooth

White Smooth

Custom Color

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

Stance
LINEAR PENDANT FAMILY

PHOTOMETRY

STNC-PL-P-ID-LPA-4-SOF-35K9-I080-D080

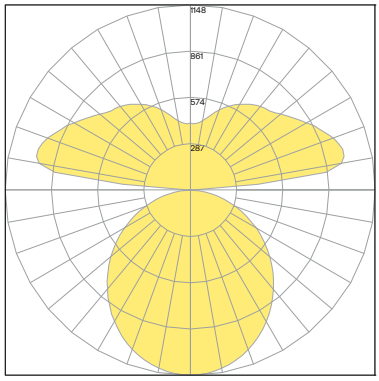
LUMINAIRE DATA

Description	4' Stance Plank, 3500K, 90CRI
Delivered Lumens	6340
Watts	45.4
Efficacy	140
Mounting	Pendant

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–40	1423	22.4
0–60	2481	39
0–90	3164	49.9
0–180	6340	100

POLAR GRAPH



Maximum Candela = 1148 Located At Horizontal Angle = 45, Vertical Angle = 2.5

Vertical Plane Through Horizontal Angles (90°–270°)

STNC-PL-P-ID-STD-4-SOF-35K9-I080-D080

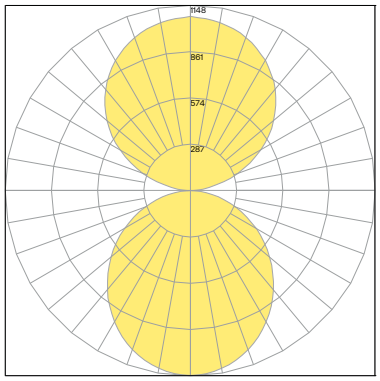
LUMINAIRE DATA

Description	4' Stance Plank, 3500K, 90CRI
Delivered Lumens	6341
Watts	44.8
Efficacy	142
Mounting	Pendant

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–40	1423	22.4
0–60	2481	39.1
0–90	3164	49.9
0–180	6341	100

POLAR GRAPH



Maximum Candela = 1148 Located At Horizontal Angle = 45, Vertical Angle = 2.5

Vertical Plane Through Horizontal Angles (0°–180°)

STNC-PL-P-SI-4-SOF-35K9-SI080

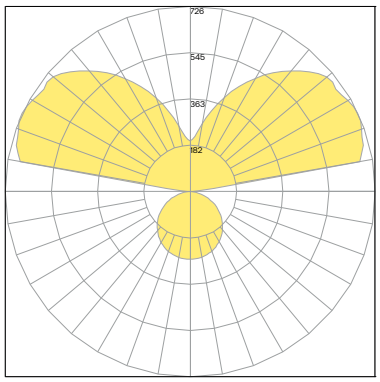
LUMINAIRE DATA

Description	4' Stance Plank, 3500K, 90CRI
Delivered Lumens	3200
Watts	21.7
Efficacy	147
Mounting	Pendant

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–40	338	11
0–60	599	19
0–90	771	24
0–180	3200	100

POLAR GRAPH



Maximum Candela = 726 Located At Horizontal Angle = 90, Vertical Angle = 115

Vertical Plane Through Horizontal Angles (90°–270°) (Through Max. Cd.)

Stance
LINEAR PENDANT FAMILY

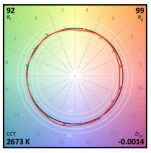
DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

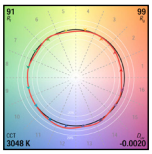
TM-30 DATA

TEST RESULTS					
Value	27K9	30K9	35K9	40K9	50K9
CCT (K)	2673	3048	3475	4060	5178
CIE R_a	94	95	93	97	96
D_{UV}	-0.0014	-0.002	-0.0002	-0.0002	0.0013
R_f	92	91	90	90	91
R_g	99	99	101	99	101
x	0.4596	0.4308	0.4065	0.3777	0.3405
y	0.4068	0.3971	0.3908	0.3746	0.3505



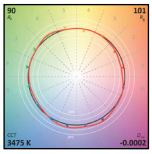
2700K

	HUE-ANGLE BIN (J)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Chroma Shift ($R_{cs,hj}$)	-5	-2	-1	-3	-2	1	-2	1	0	2	4	6	2	1	-4	-5
Hue Shift ($R_{hs,hj}$)	0.01	0.02	0.02	-0.02	0.01	0.03	0.01	0.02	0.04	0.05	0.04	-0.06	-0.13	-0.13	-0.03	-0.11
Fidelity ($R_{f,hj}$)	90	94	94	94	95	94	96	96	94	92	92	87	84	85	90	84



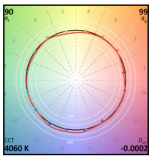
3000K

Chroma Shift ($R_{cs,hj}$)	-5	-2	-1	-2	-4	1	-3	0	0	1	4	6	2	3	-2	-3
Hue Shift ($R_{hs,hj}$)	0.01	0.02	0.03	0.00	0.02	0.01	0.01	0.01	0.05	0.07	0.08	-0.02	-0.10	-0.11	-0.06	-0.12
Fidelity ($R_{f,hj}$)	91	94	92	95	92	95	93	97	92	88	89	88	86	85	87	84



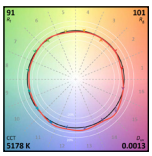
3500K

Chroma Shift ($R_{cs,hj}$)	-5	-3	-1	0	0	4	0	-1	-3	-3	2	6	5	7	2	0
Hue Shift ($R_{hs,hj}$)	-0.01	0.02	0.06	0.04	0.04	0.01	-0.02	-0.01	0.02	0.09	0.11	0.03	-0.05	-0.07	-0.08	-0.09
Fidelity ($R_{f,hj}$)	91	93	87	91	91	92	95	96	94	86	83	86	90	86	88	86



4000K

Chroma Shift ($R_{cs,hj}$)	-3	0	-1	-3	-5	-1	-3	-2	-1	-1	5	5	5	1	1	0
Hue Shift ($R_{hs,hj}$)	0.01	0.00	0.02	-0.01	0.01	0.02	0.03	0.04	0.09	0.10	0.09	0.01	-0.06	0.00	-0.07	-0.07
Fidelity ($R_{f,hj}$)	92	96	94	92	90	95	94	92	88	84	84	89	89	94	86	87



5000K

Chroma Shift ($R_{cs,hj}$)	-3	-1	-1	-2	-2	1	-1	-3	-3	-2	4	4	6	3	8	0
Hue Shift ($R_{hs,hj}$)	0.00	0.00	0.03	0.02	0.02	0.02	0.01	0.03	0.09	0.10	0.10	0.01	-0.04	-0.02	-0.12	-0.03
Fidelity ($R_{f,hj}$)	92	96	92	92	91	95	96	93	90	84	82	93	90	92	83	94

CRI: 90 MINIMUM

CCT	CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
2700K	94	98	99	98	98	99	93	90	82	63	100	97	86	99	99
3000K	95	97	99	99	96	97	95	91	85	66	96	98	81	98	98
3500K	93	94	94	91	94	93	92	95	88	68	83	93	70	94	94
4000K	97	99	99	94	98	96	95	97	96	91	92	97	68	99	95
5000K	96	98	96	92	97	96	92	98	97	89	88	95	68	98	95