

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

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



CONTROL TECHNOLOGY



SPECIFICATIONS

HOUSING CONSTRUCTION

- Plank (PL) cross section 1 3/4" x 7" or Arc (AR) cross section of 2 3/16" x 7 7/8"
- 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 5/8" KO's and two 1/2" 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 3/32" from fixture ends. See Dimensions section for details
- Suspension required at every row joint. 3/64" diameter field-adjustable aircraft cables or stem options available
- Non-feed canopy covers 2" diameter (unless 5" non-feed cover specified).

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

SERVICE PROGRAM

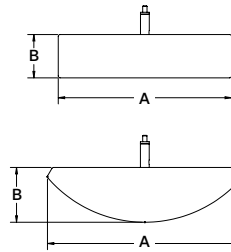


OPTICS (CONTINUED)

- 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



Length	Weight Chart			
	SI		ID/I/D	
	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

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, and some drivers 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

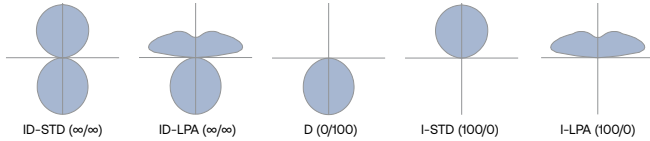
- 5 year warranty

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

ORDERING GUIDE INDIRECT / DIRECT, DIRECT, OR INDIRECT

Gray
Highlighting

= 10 Day Quick Ship Program



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

CATALOG # _____

STNC	P	Fixture Distribution	Indirect Optics ¹	Row Length	Max Length in Row	Direct Diffuser ²	Finish
Series	Profile	Mounting	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 30K9 3000K, 90CRI 35K9 3500K, 90CRI 40K9 4000K, 90CRI 50K9 5000K, 90CRI 2765T 2700-6500K Tunable White, 90CRI ^{3,4}	I015 150 (min) to I190 1900 (max)	DO15 150 (min) to D190 1900 (max)	DO1 1% 0-10V DO5 5% 0-10V NDM Non-Dimming LEC 1% Lutron Hi-Lume EcoSystem ³ DALIP DALIP ³ SEN For use with Sensors	1C Single Circuit 2C Dual Circuit (Uplight/Downlight)	UNV Universal (120V-277V) 347 347V ^{3,6}	FA1 Suspension Kit, 51" FA2 Suspension Kit, 87" FA3 Suspension Kit, 219" FA4 Suspension Kit, 363" P Swivel Stem Kit, 36"

OPTIONAL

Nightlight	Emergency ⁸	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 ¹ DCF Frosted Acrylic Dust Cover ¹ VCD Visual Comfort Diffuser ²

Controls & Sensors ^{3,9}	
NX Networked - Wireless¹⁰	
NXWSM	NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming
NXCS	NX Connect NX-C-WIZ20 Wireless Indoor Occupancy and Photocell Sensor
Other	
ODPG	OCC/DLH w Group Philips SNS200
ODWG	Wattstopper LMFS-601

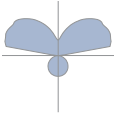
Notes:

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

ORDERING GUIDE SEMI-INDIRECT

Gray
Highlighting

= 10 Day Quick Ship Program



SI-LPA (75/25)

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

CATALOG # _____

STNC	P	Fixture Distribution	Indirect Optics	Row Length	Max Length in Row	Direct Diffuser	Finish	
Series	Profile	Mounting	Indirect Optics	Row Length	Max Length in Row	Direct Diffuser	Finish	
STNC	PL Plank AR Arc	P Pendant	SI Semi-Indirect (75/25)	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	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	H90 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 NX-C-WIZ20 Wireless Indoor Occupancy and Photocell Sensor
Other	
ODPG	OCC/DLH w Group Philips SNS200
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; 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.



DATE: _____ LOCATION: _____
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RESTRICTIONS

Lutron (LEC) Restrictions							
Length	150	200	250	300	350-1400	1450	1500
2'	LEC not available						
3'	LEC not available						
4'	LEC not available						LEC not available
6'							
8'	LEC not available						

Emergency (EF) Restrictions												
Length	150	through	750	800	through	1000	through	1200	1250	through	1450	1500
2'	EF not available											
3'	EF not available											
4'												EF + LEC not available
6'						EF not available						
8'	LH/RH required for EF+LEC											

CONTROLS OPTIONS AND FUNCTIONALITY

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 NX SMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming	✓	✓	✓	✓	✓	✓	✓	✓		NX SMP2-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)

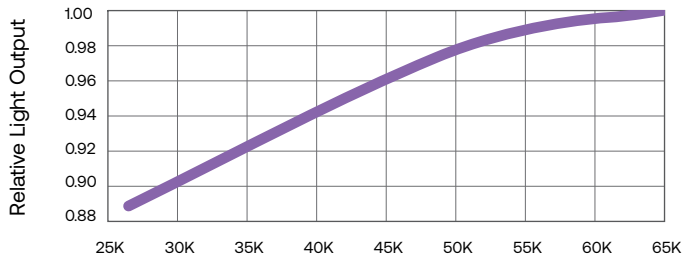
SpectraSync™ Color Tuning Technology:

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.



SPECTRASYNCH 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



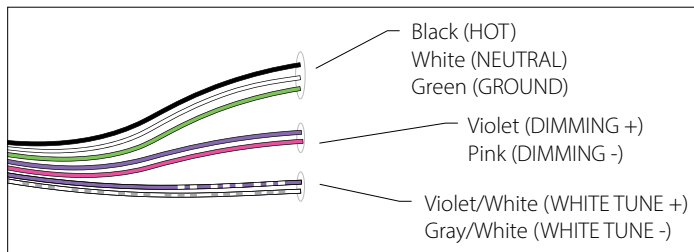
Controller Manufacturer Data

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: DDTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers

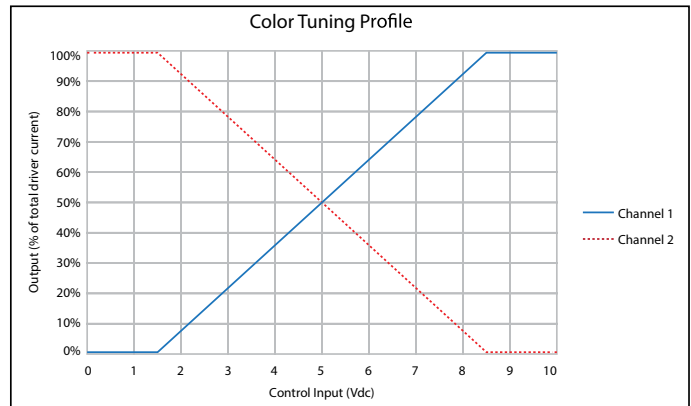
SpectraSync Tunable White

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.

Color Tuning Profile



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)				Indirect Low Peak Angle (LPA)				Direct			
Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)	Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)	Nomenclature	Lumens/Ft	Wattage/Ft	Efficacy (Lm/W)
I015	150	1.1	138	I015	150	1.2	130	D015	150	1.3	115
I020	200	1.4	147	I020	200	1.4	139	D020	200	1.6	121
I025	250	1.6	153	I025	250	1.7	145	D025	250	2.0	125
I030	300	1.9	157	I030	300	2.0	149	D030	300	2.4	127
I035	350	2.2	160	I035	350	2.3	152	D035	350	2.7	129
I040	400	2.5	161	I040	400	2.6	153	D040	400	3.1	129
I045	450	2.8	163	I045	450	2.9	155	D045	450	3.5	130
I050	500	3.1	163	I050	500	3.2	156	D050	500	3.9	130
I055	550	3.4	164	I055	550	3.5	157	D055	550	4.3	129
I060	600	3.7	164	I060	600	3.8	157	D060	600	4.6	129
I065	650	4.0	164	I065	650	4.1	158	D065	650	5.0	129
I070	700	4.3	164	I070	700	4.4	158	D070	700	5.5	128
I075	750	4.6	164	I075	750	4.7	158	D075	750	5.9	127
I080	800	4.9	163	I080	800	5.1	158	D080	800	6.3	127
I085	850	5.2	163	I085	850	5.4	158	D085	850	6.7	126
I090	900	5.6	162	I090	900	5.7	158	D090	900	7.2	125
I095	950	5.9	161	I095	950	6.0	158	D095	950	7.6	125
I100	1000	6.2	161	I100	1000	6.3	158	D100	1000	8.1	124
I105	1050	6.6	160	I105	1050	6.7	158	D105	1050	8.5	123
I110	1100	6.9	159	I110	1100	7.0	157	D110	1100	9.0	122
I115	1150	7.3	158	I115	1150	7.3	157	D115	1150	9.5	121
I120	1200	7.6	158	I120	1200	7.7	157	D120	1200	10.0	120
I125	1250	8.0	157	I125	1250	8.0	157	D125	1250	10.5	119
I130	1300	8.3	156	I130	1300	8.3	156	D130	1300	11.1	117
I135	1350	8.7	155	I135	1350	8.7	156	D135	1350	11.6	116
I140	1400	9.1	154	I140	1400	9.0	155	D140	1400	12.2	115
I145	1450	9.5	153	I145	1450	9.4	155	D145	1450	12.7	114
I150	1500	9.9	152	I150	1500	9.7	154	D150	1500	13.3	113
I155	1550	10.3	151	I155	1550	10.1	154	D155	1550	13.9	112
I160	1600	10.7	149	I160	1600	10.5	153	D160	1600	14.5	110
I165	1650	11.1	148	I165	1650	10.8	152	D165	1650	15.1	109
I170	1700	11.5	147	I170	1700	11.2	152	D170	1700	15.7	108
I175	1750	12.0	146	I175	1750	11.6	151	D175	1750	16.4	107
I180	1800	12.4	145	I180	1800	12.0	151	D180	1800	17.0	106
I185	1850	12.9	144	I185	1850	12.3	150	D185	1850	17.7	104
I190	1900	13.3	143	I190	1900	12.7	149	D190	1900	18.4	103

(wattage may vary up to 5% from published)

Output Multiplier Table

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

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

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	1.05	0.99

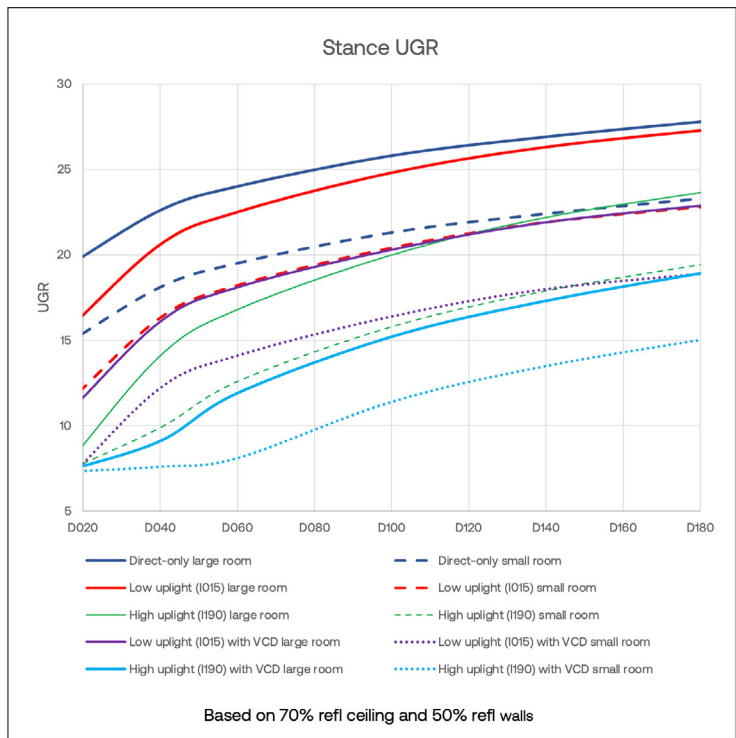
Lumen Maintenance

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.

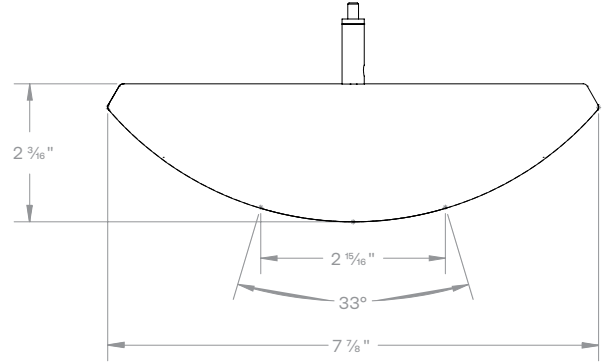
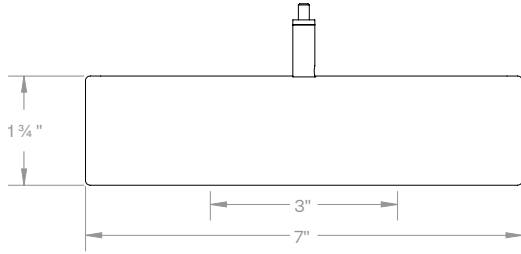
TM-21-11 values represent commonly used theoretical estimations. The IES has published an updated position on LED Product Lifetime Prediction (IES PS-10-18) explaining the proper use of IES TM-21 and LM-80.



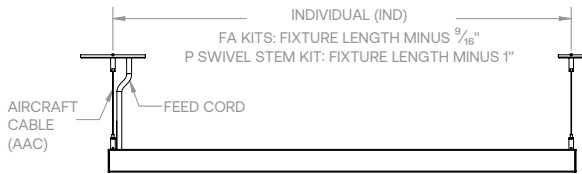
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DIMENSIONS

Cross Section

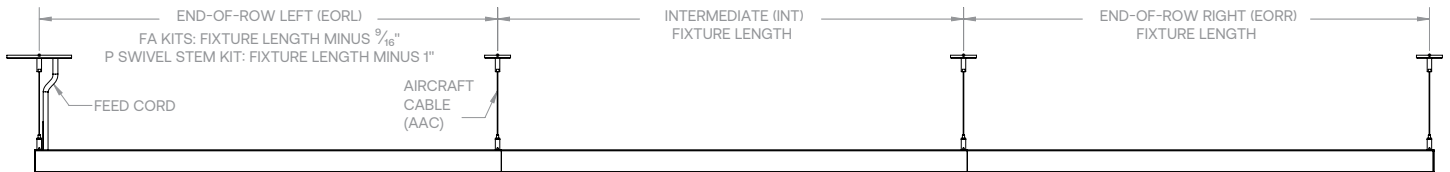


Ind Mount - Side View



Length	SI		ID/I/D	
	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

PHOTOMETRY

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

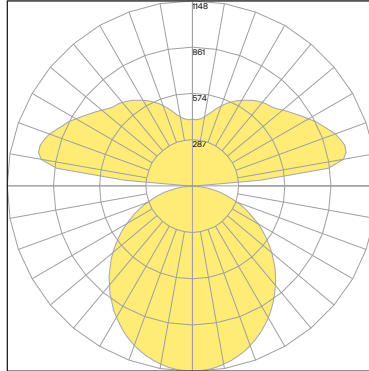
LUMINAIRE DATA

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



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

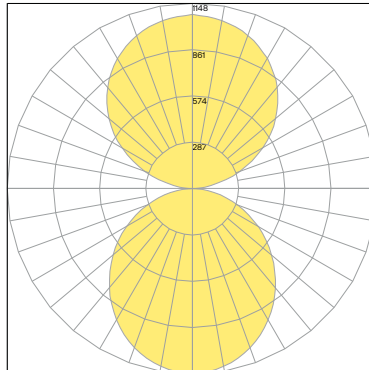
LUMINAIRE DATA

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



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

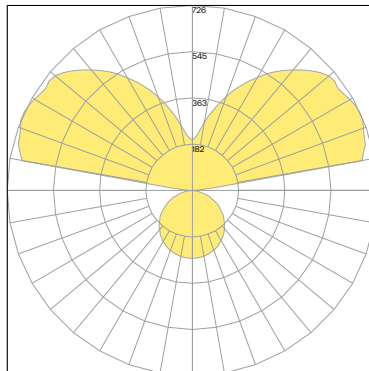
LUMINAIRE DATA

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

ZONAL LUMEN SUMMARY

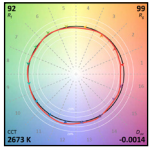
Zone	Lumens	% Luminaire
0-40	338	11
0-60	599	19
0-90	771	24
0-180	3200	100

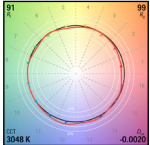
POLAR GRAPH

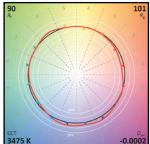


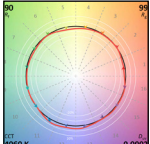
TM-30 DATA

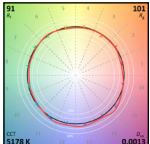
TEST RESULTS					
Value	27K9	30K9	35K9	40K9	50K9
CCT (K)	2673	3048	3475	4060	5178
CIE R _a	94	95	93	97	96
D _{UV}	-0.0014	-0.002	-0.0002	-0.0002	0.0013
R _f	92	91	90	90	91
R _g	99	99	101	99	101
x	0.4596	0.4308	0.4065	0.3777	0.3405
y	0.4068	0.3971	0.3908	0.3746	0.3505

	HUE-ANGLE BIN (J)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2700K																
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 _{fhj})	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 _{fhj})	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 _{fhj})	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 _{fhj})	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 _{fhj})	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