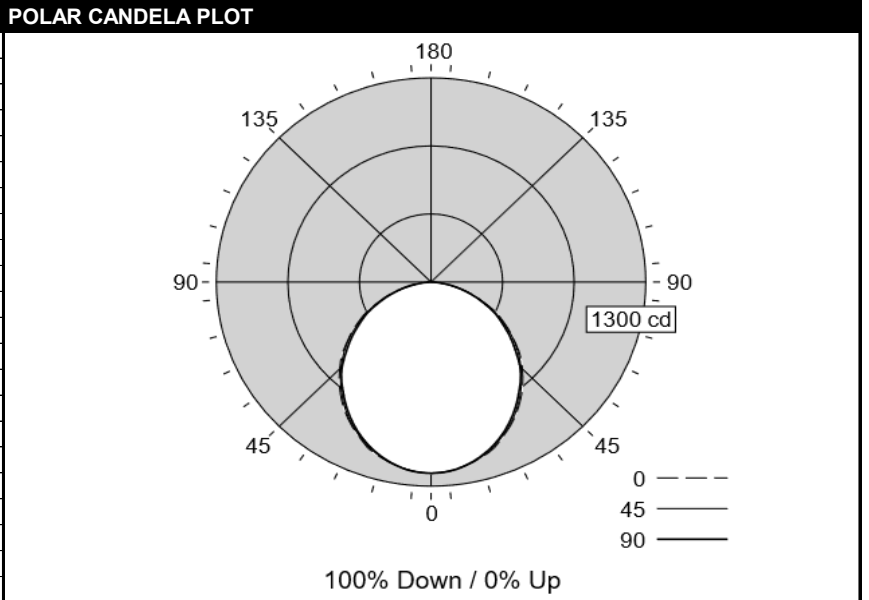


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L93530LN

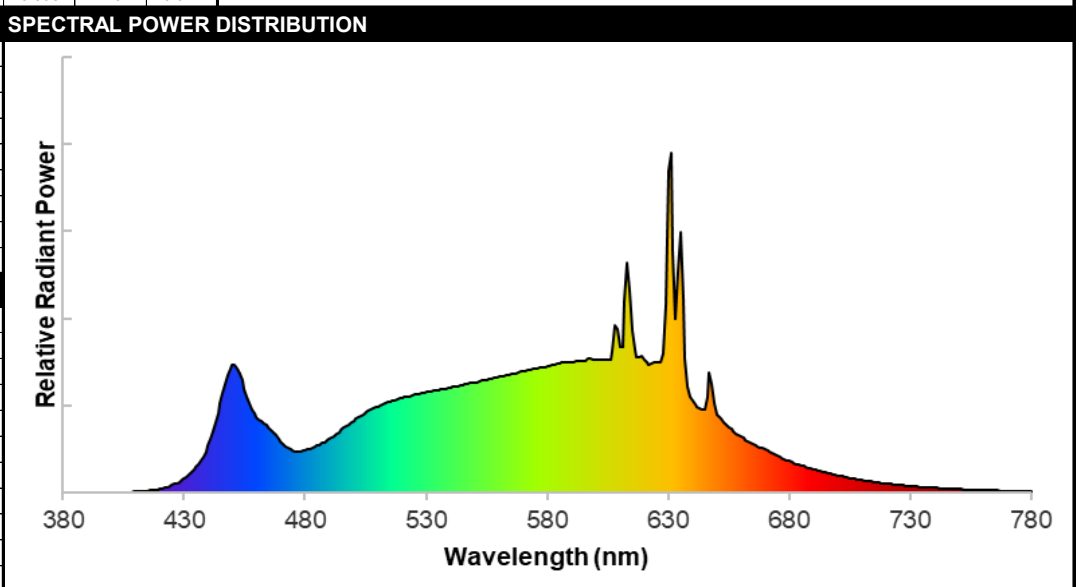
Lamp Type:	LED	Description:	DIRECT SILK 3000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3339 lm 100%
Input Watts:	120 VAC 32.9	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 101.5
CIE-IES Classification:	Direct	Report:	LNG01285

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1218	1218	1218	1218	1218	
5	1211	1212	1210	1213	1211	115
15	1159	1164	1157	1164	1152	327
25	1064	1073	1058	1065	1050	490
35	938	948	927	932	914	584
45	782	792	771	776	762	599
55	601	614	596	601	573	535
65	415	427	404	408	393	404
75	210	224	208	212	205	226
85	47	53	48	51	46	59
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0



CHARACTERISTICS				COEFFICIENTS OF UTILIZATION (%)												
RP1	None			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	1217.9	0.0		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	1217.9	0.0		RCR												
Spacing Criteria (0°, 90°, 180°)	1.23	1.21	N/A	0	119	119	119	119	116	116	116	111	111	111	100	
Beam (H, V), Field (H, V)	106.1	109.2	160.4	160.9	1	109	104	100	96	106	102	98	98	94	84	
Indirect: Peak Candela & Angle(°)	N/A	N/A			2	99	91	84	78	96	89	83	85	80	70	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A			3	90	80	72	65	88	78	71	75	69	59	
Luminous Width, Length, Height (ft)	0.25	4.00	0.00		4	83	71	62	55	80	69	61	67	60	50	
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	24.8	0.578		5	76	63	54	48	74	62	54	60	52	44	
x, y, CCT, D _{uv}	0.4070	0.3906	3462	-0.0004	6	70	57	48	42	68	56	47	54	47	38	
CRI (R _a), R _g , G _a , C _g	93	59	99	93	7	65	52	43	37	63	51	42	49	42	34	
TM-30-18 R _f , R _{h1} , R _g , R _{mh1}	91	90	99	-6%	8	61	47	39	33	59	46	38	45	38	30	
120V: P(W), I(A), THD(%), PF	32.9	0.276	7.9	0.995	9	57	43	35	29	55	43	35	41	34	27	
277V: P(W), I(A), THD(%), PF	32.8	0.123	13.3	0.963	10	53	40	32	27	52	39	32	38	31	25	
347V: P(W), I(A), THD(%), PF	32.0	0.095	7.3	0.974	*Based on a floor reflectance of 0.2											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	932	27.9%	27.9%
0-40	1516	45.4%	45.4%
0-60	2650	79.4%	79.4%
0-90	3339	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	3339	100.0%	100.0%

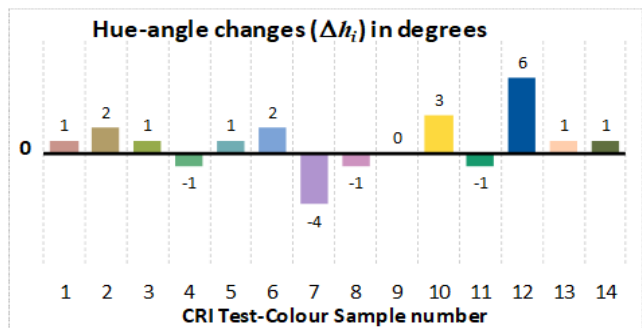
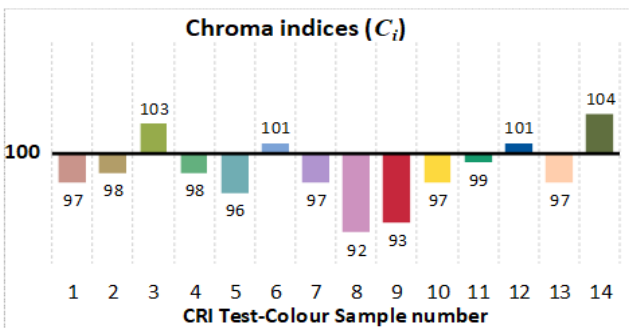
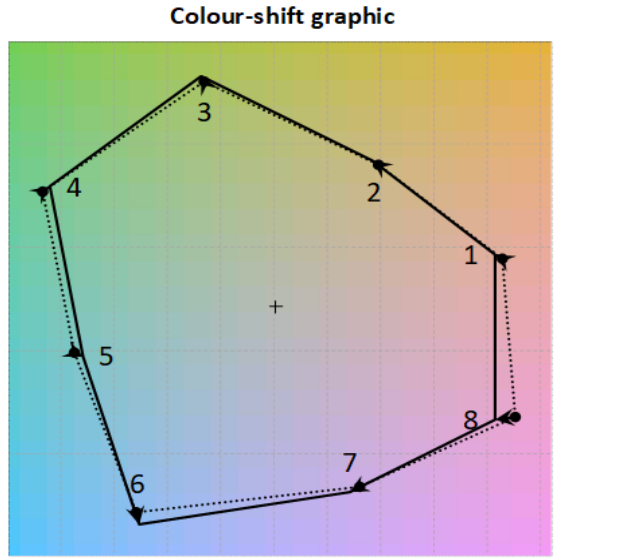
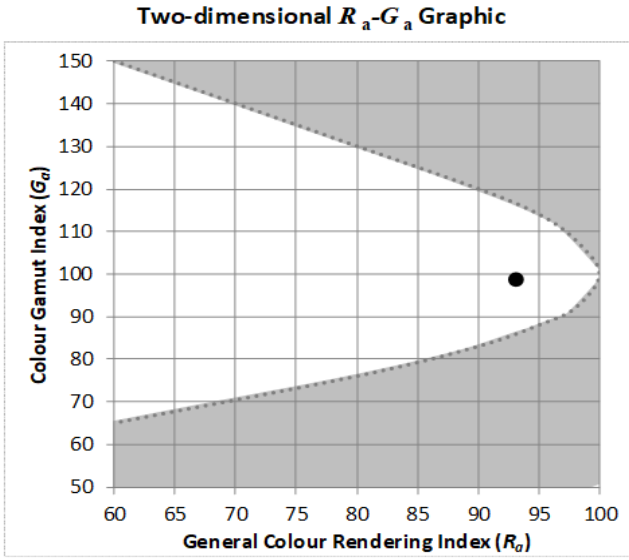
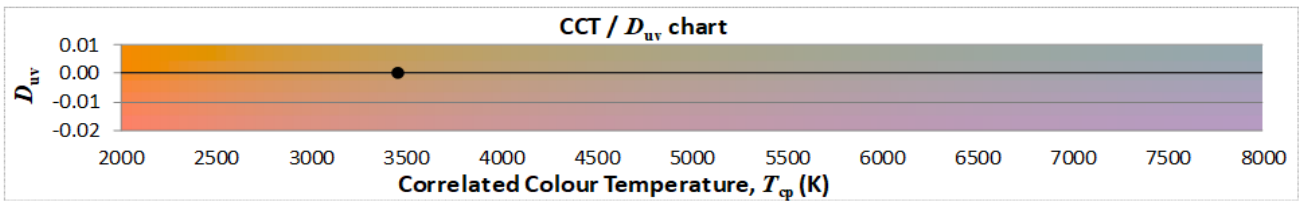
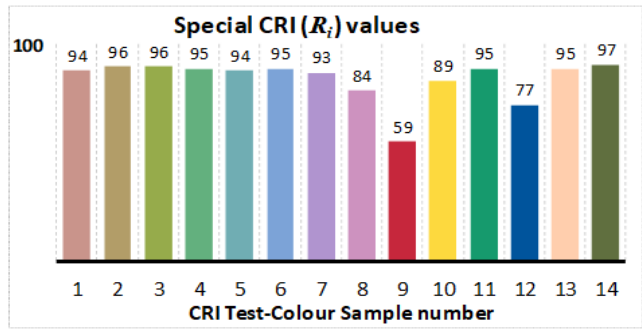
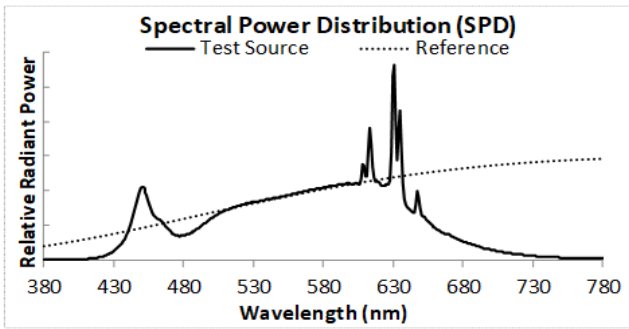


AVG LUMINANCE (cd/m ²)			
	0	45	90
0	13105	13105	13105
5	13079	13070	13078
15	12910	12890	12836
25	12631	12562	12464
35	12317	12181	11999
45	11898	11735	11600
55	11282	11173	10742
65	10563	10276	9993
75	8747	8647	8518
85	5840	5938	5654

Output of GLA Calculation Tool for CIE 13.3 CRI and Associated CRI-based Colour Rendition Properties

Test Number:	T20201107	Manufacturer:	Ledalite by Signify
Date:	27 Aug 2020	Model:	TruGroove Suspended

Correlated Colour Temperature (T_{cp}) in K	3462	CIE1931 chromaticity coordinate, x	0.4070
Distance to Blackbody Locus (D_{uv})	-0.0004	CIE1931 chromaticity coordinate, y	0.3906
General Colour Rendering Index (R_a)	93	CIE1976 chromaticity coordinate, u'	0.2369
Red Rendering Index (R_9)	59	CIE1976 chromaticity coordinate, v'	0.5115
Colour Gamut Index (G_a)	99		
Red Chroma Index (C_9)	93		



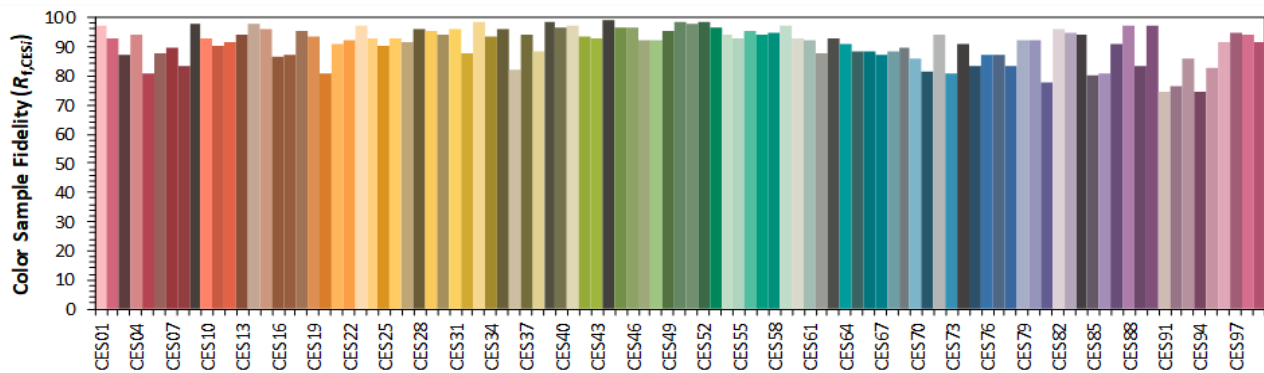
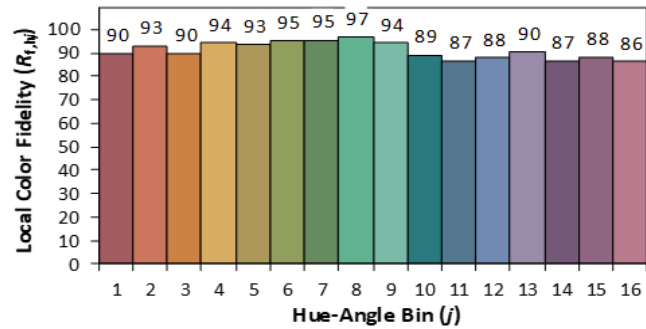
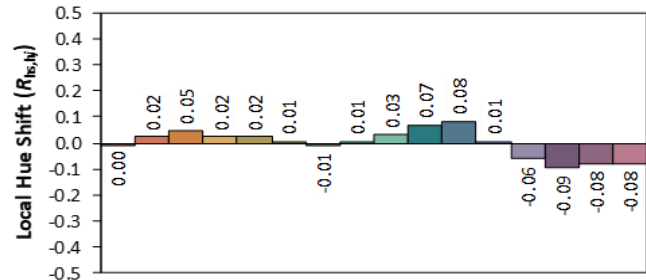
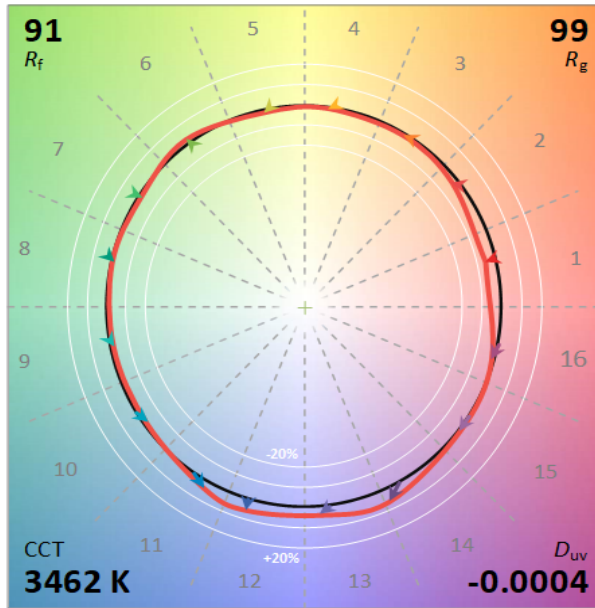
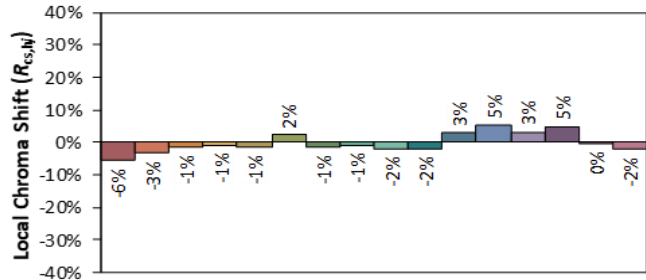
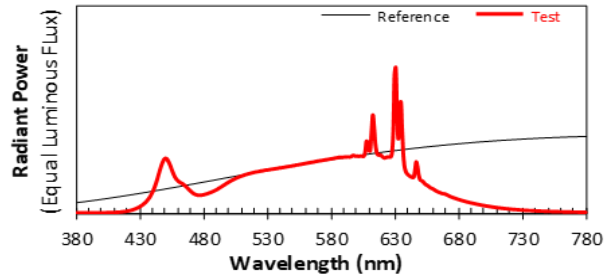
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201107

Manufacturer: Ledalite by Signify

Date: 27 Aug 2020

Model: TruGroove Suspended



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.4070

y 0.3906

u' 0.2369

v' 0.5115

