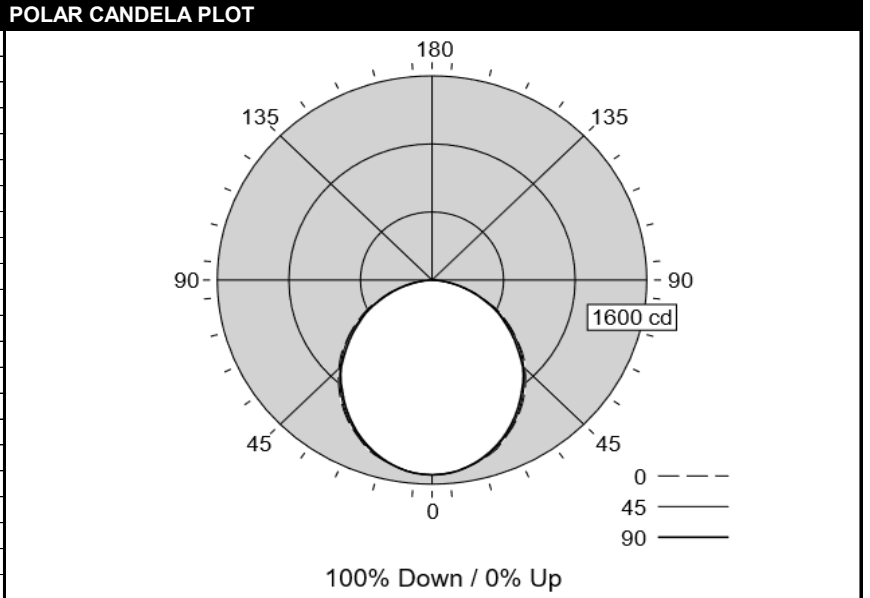


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L93540LN

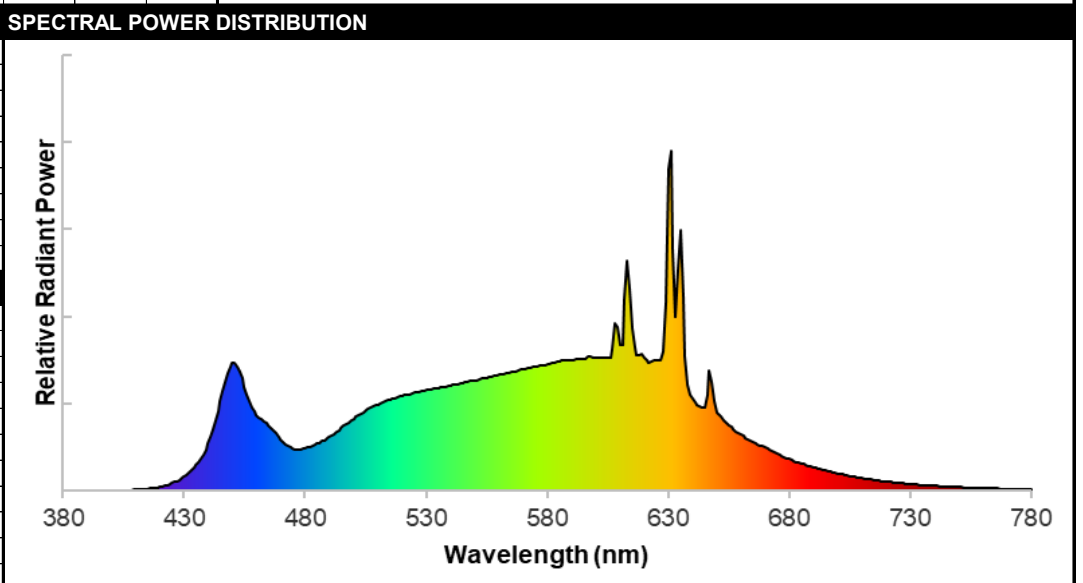
Lamp Type:	LED	Description:	DIRECT SILK 4000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4187 lm 100%
Input Watts:	120 VAC 42.0	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 99.7
CIE-IES Classification:	Direct	Report:	LNG01290

	Flux						Lumens
	0	22.5	45	67.5	90		
0	1528	1528	1528	1528	1528		
5	1519	1519	1518	1521	1519	144	
15	1453	1460	1451	1460	1445	410	
25	1334	1345	1327	1335	1317	615	
35	1176	1189	1163	1169	1146	732	
45	981	994	967	973	956	751	
55	754	770	747	753	718	671	
65	520	535	506	512	492	506	
75	264	281	261	266	257	284	
85	59	66	60	64	57	74	
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	



RP1	None		COEFFICIENTS OF UTILIZATION (%)													
	Pc---	Pw---	80				70			50			0			
Direct: Peak Candela & Angle (0°)	1527.5	0.0	70	50	30	10	70	50	30	50	30	10	0			
Direct: Peak Candela & Angle (90°)	1527.5	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	91	84
Indirect: Peak Candela & Angle(°)	N/A	N/A	2	99	91	84	78	96	89	83	85	80	75	70		
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	3	90	80	72	65	88	78	71	75	69	63	59		
Luminous Width, Length, Height (ft)	0.25	4.00	0.00	4	83	71	62	55	80	69	61	67	60	54	50	
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	25.6	0.578	5	76	63	54	48	74	62	54	60	52	47	44	
x, y, CCT, D _{uv}	0.4070	0.3906	3462	-0.0004	6	70	57	48	42	68	56	47	54	47	41	38
CRI (R _a), R _g , G _a , C _g	93	59	99	93	7	65	52	43	37	63	51	42	49	42	36	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	32	30
120V: P(W), I(A), THD(%), PF	42.0	0.351	7.2	0.996	9	57	43	35	29	55	43	35	41	34	29	27
277V: P(W), I(A), THD(%), PF	41.7	0.155	11.2	0.968	10	53	40	32	27	52	39	32	38	31	27	25
347V: P(W), I(A), THD(%), PF	41.3	0.122	7.4	0.977	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	1169	27.9%	27.9%
0-40	1901	45.4%	45.4%
0-60	3324	79.4%	79.4%
0-90	4187	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	4187	100.0%	100.0%

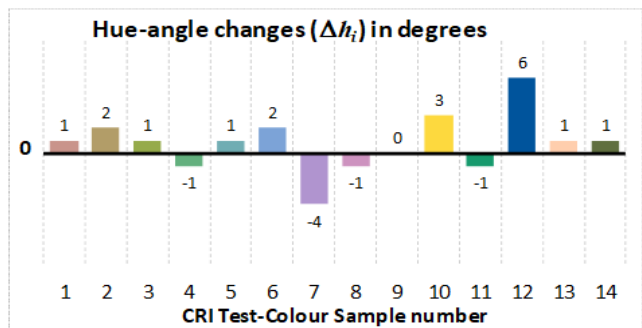
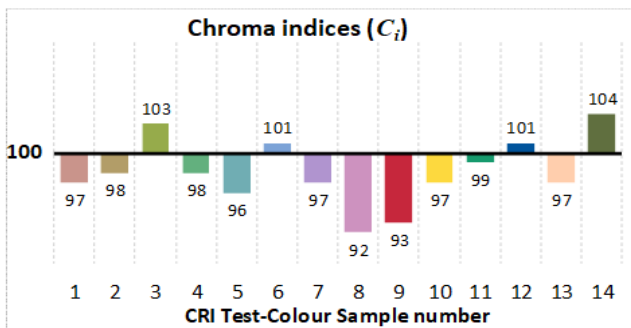
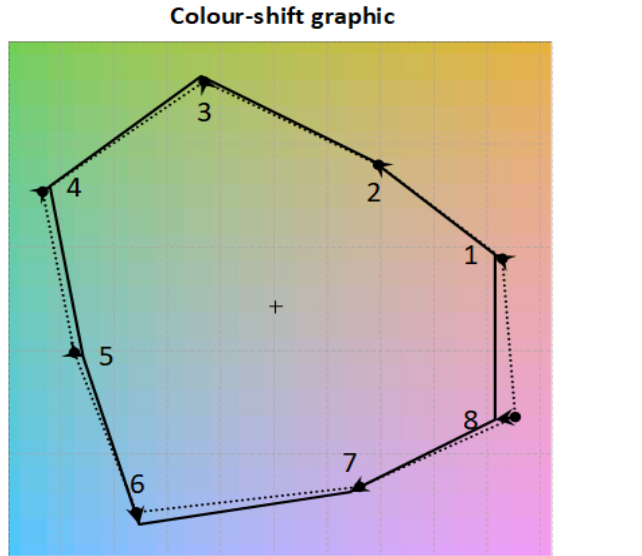
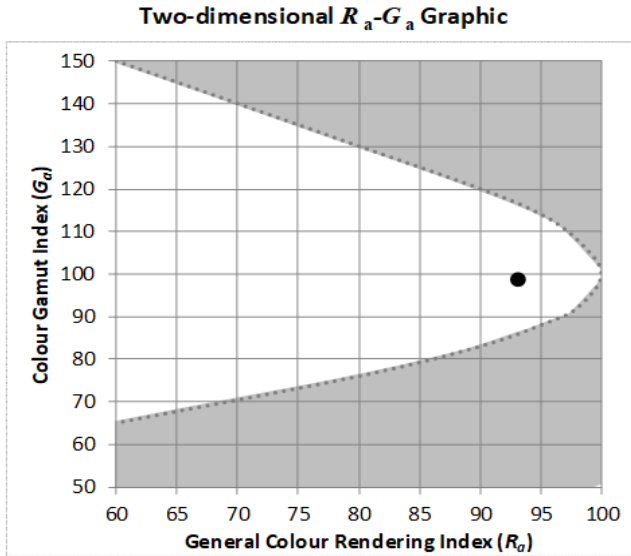
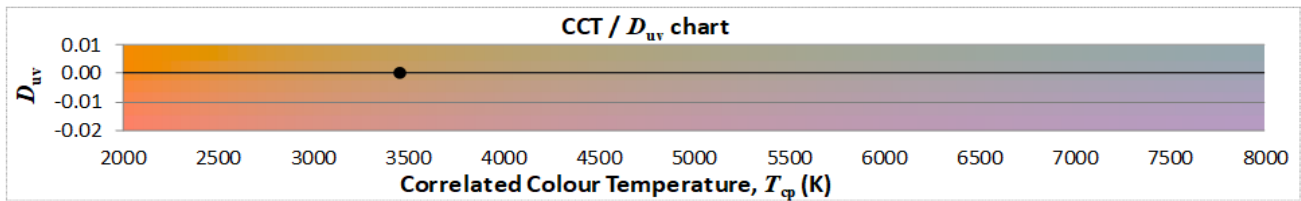
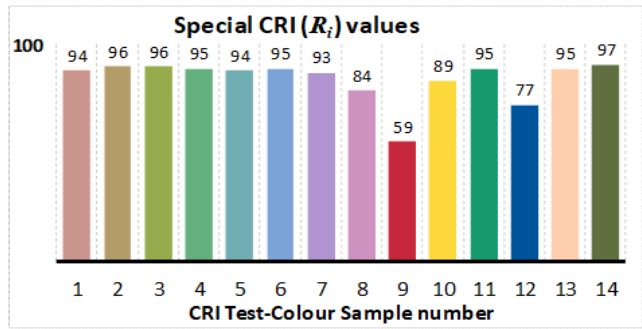
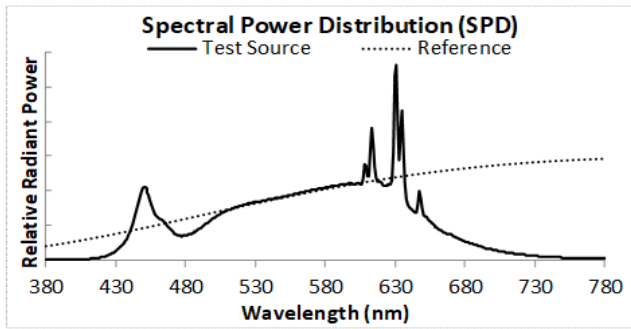


	0	45	90
0	16436	16436	16436
5	16404	16393	16403
15	16190	16166	16099
25	15842	15755	15631
35	15449	15277	15048
45	14923	14719	14549
55	14150	14013	13471
65	13250	12888	12534
75	10967	10842	10680
85	7321	7457	7086

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		



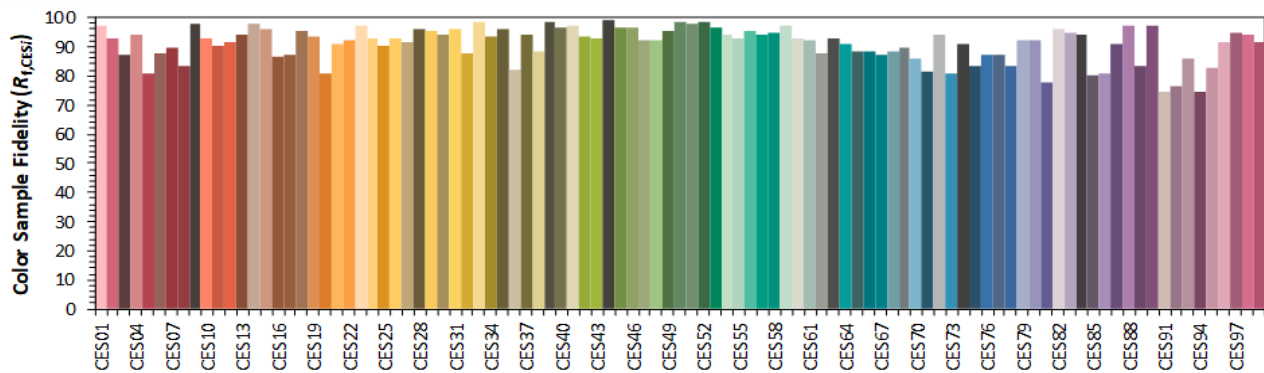
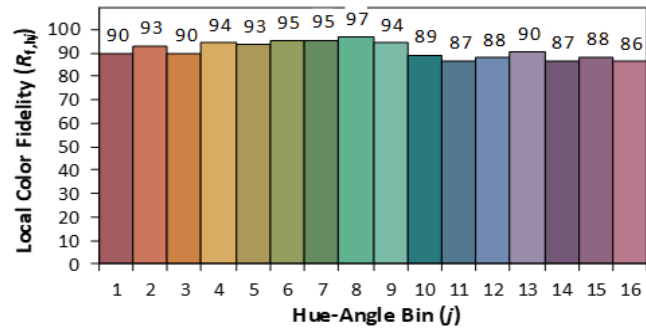
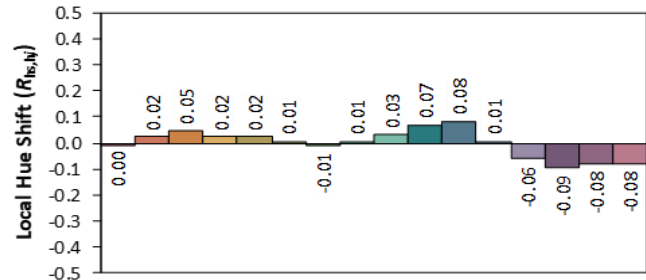
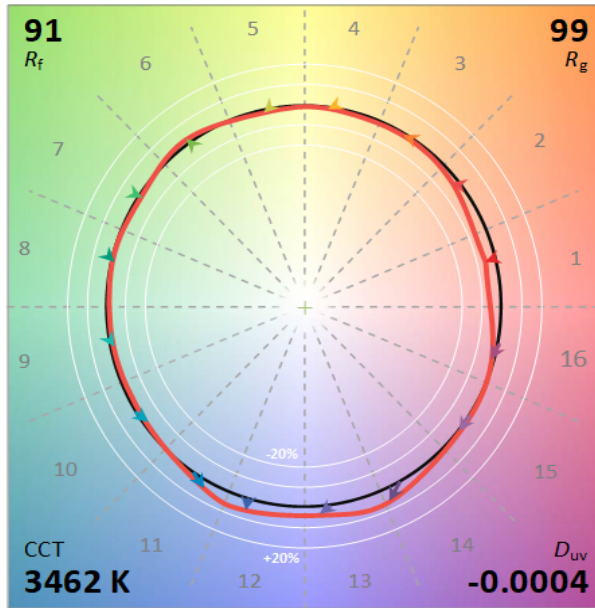
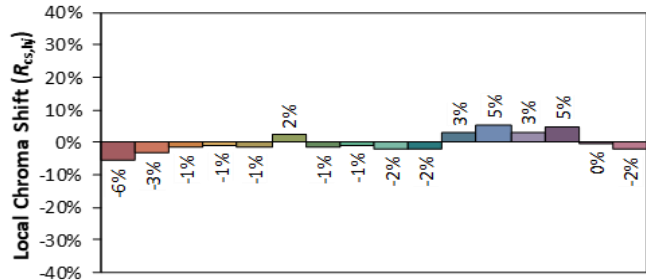
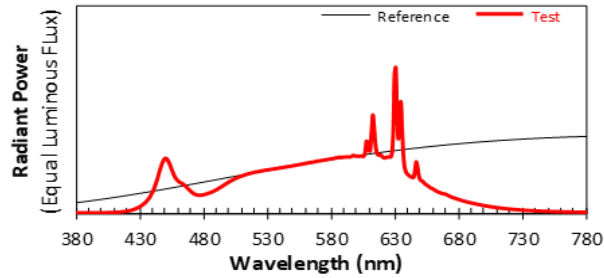
ANSI/IES TM-30-18 Color Rendition Report

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

