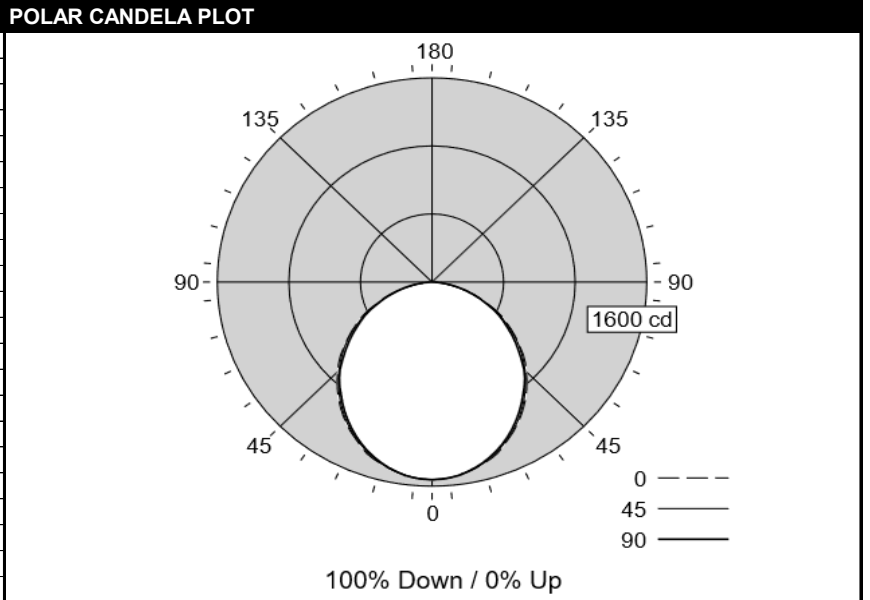


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L94040LN

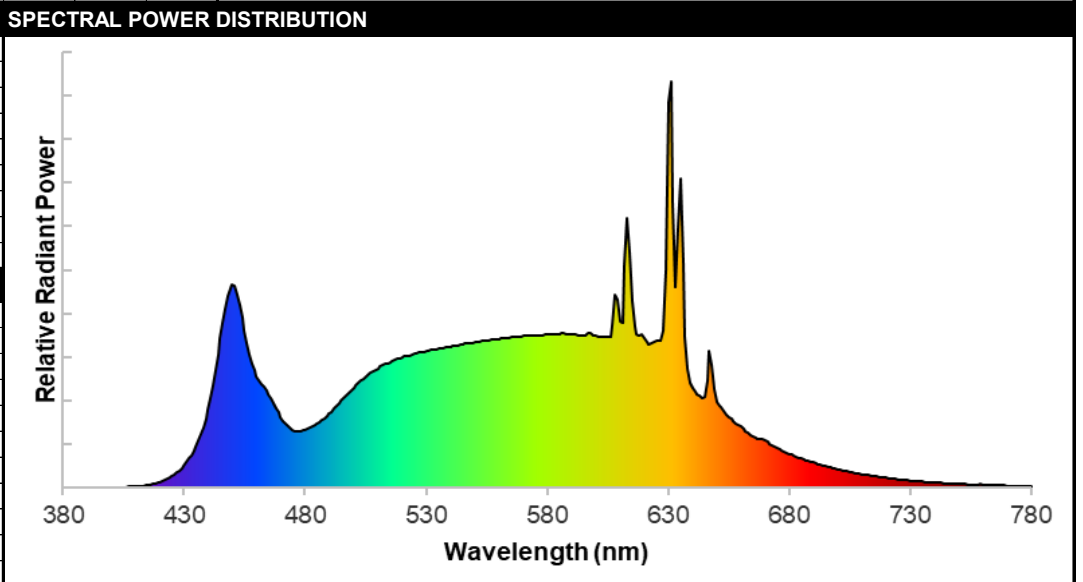
Lamp Type:	LED	Description:	DIRECT SILK 4000LM 940
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4247 lm 100%
Input Watts:	120 VAC 42.0	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 101.1
CIE-IES Classification:	Direct	Report:	LNG01291

CANDELA DISTRIBUTION						
	Flux					Lumens
	0	22.5	45	67.5	90	
0	1549	1549	1549	1549	1549	
5	1540	1541	1539	1543	1540	146
15	1474	1481	1472	1480	1466	416
25	1353	1364	1346	1354	1335	624
35	1193	1206	1180	1186	1162	742
45	995	1008	981	987	970	762
55	765	781	758	764	728	680
65	528	543	513	519	499	513
75	268	285	265	270	261	288
85	60	67	61	65	58	75
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°)	1549.2	0.0		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	1549.2	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	25.6	0.649		5	76	63	54	48	74	62	54	60	52	44	
x, y, CCT, D _{uv}	0.3824	0.3798	3969	0.0008	6	70	57	48	42	68	56	47	54	47	38	
CRI (R _a), R _g , G _a , C _g	93	64	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	91	100	-5%	8	61	47	39	33	59	46	38	45	38	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	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	25	
347V: P(W), I(A), THD(%), PF	41.3	0.122	7.4	0.977	*Based on a floor reflectance of 0.2											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	1186	27.9%	27.9%
0-40	1928	45.4%	45.4%
0-60	3371	79.4%	79.4%
0-90	4247	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	4247	100.0%	100.0%

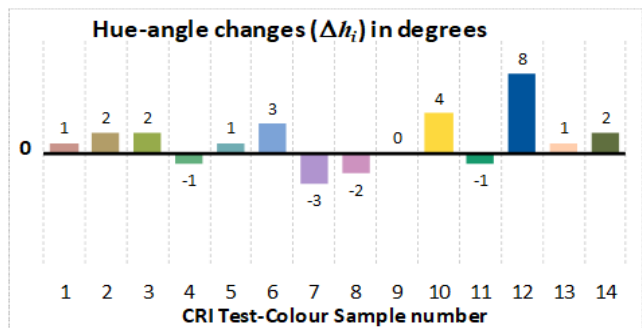
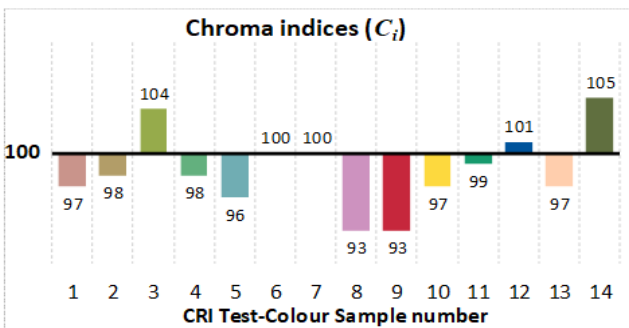
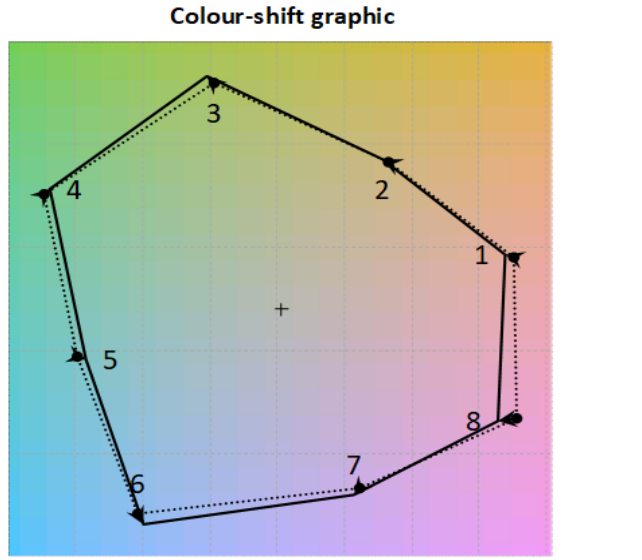
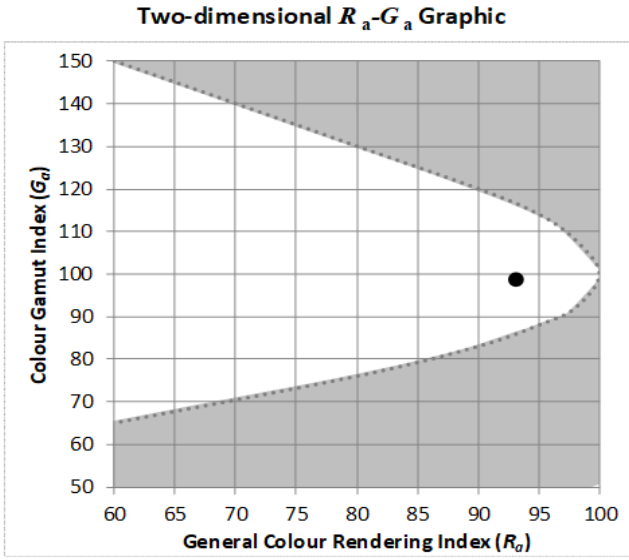
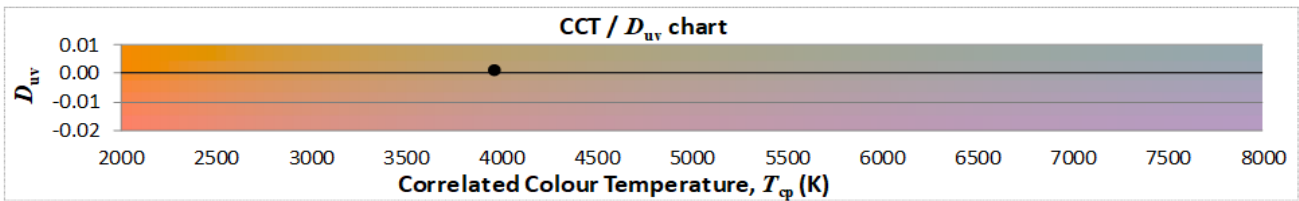
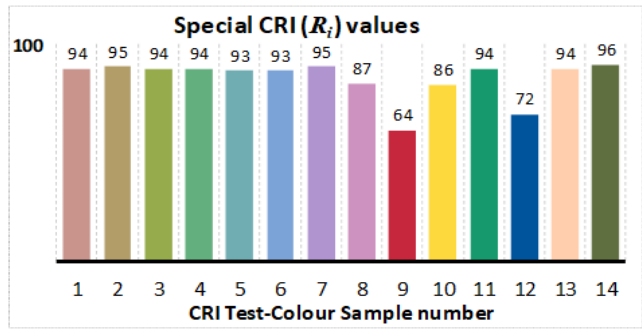
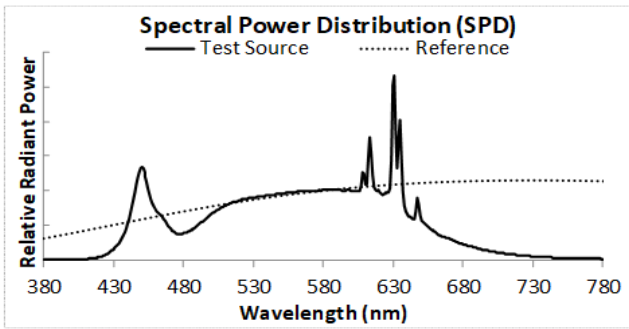


AVG LUMINANCE (cd/m ²)			
	0	45	90
0	16669	16669	16669
5	16637	16625	16636
15	16421	16395	16327
25	16067	15979	15853
35	15668	15493	15262
45	15135	14928	14756
55	14351	14212	13663
65	13435	13071	12712
75	11125	10996	10834
85	7432	7556	7185

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

Test Number:	T20201108	Manufacturer:	Ledalite by Signify
Date:	27 Aug 2020	Model:	TruGroove Suspended

Correlated Colour Temperature (T_{cp}) in K	3969	CIE1931 chromaticity coordinate, x	0.3824
Distance to Blackbody Locus (D_{uv})	0.0008	CIE1931 chromaticity coordinate, y	0.3798
General Colour Rendering Index (R_a)	93	CIE1976 chromaticity coordinate, u'	0.2252
Red Rendering Index (R_9)	64	CIE1976 chromaticity coordinate, v'	0.5032
Colour Gamut Index (G_a)	99		
Red Chroma Index (C_9)	93		



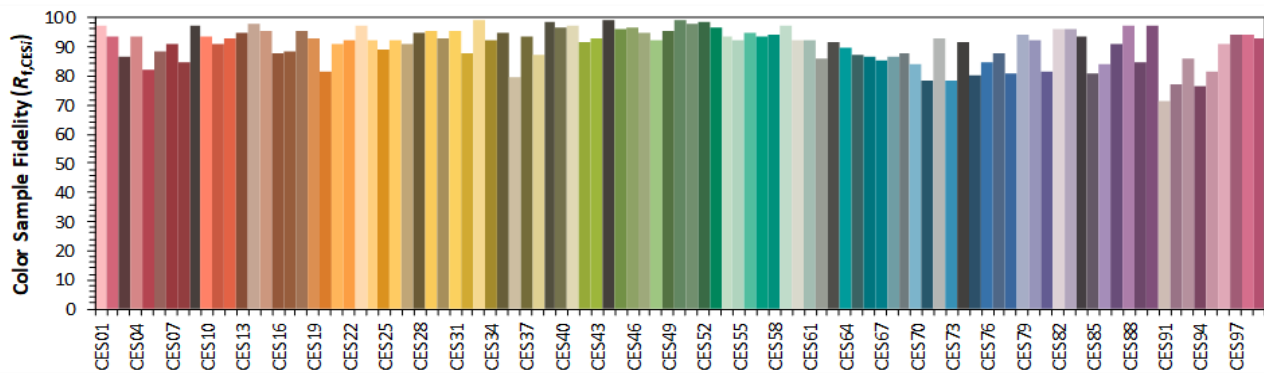
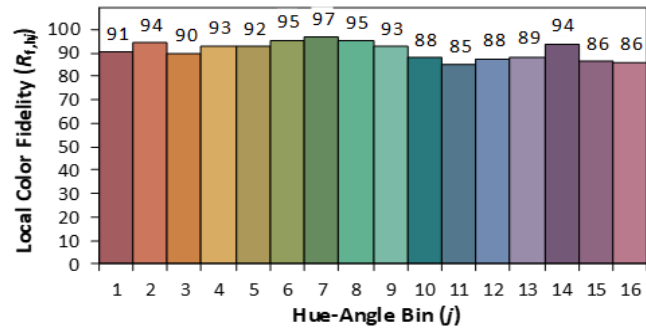
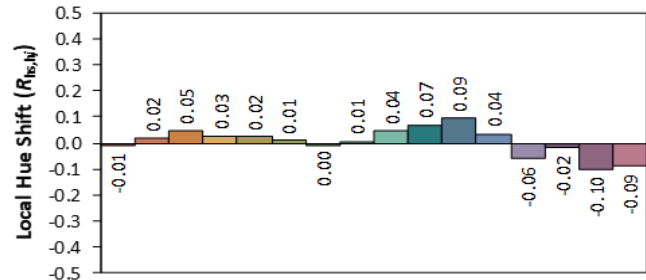
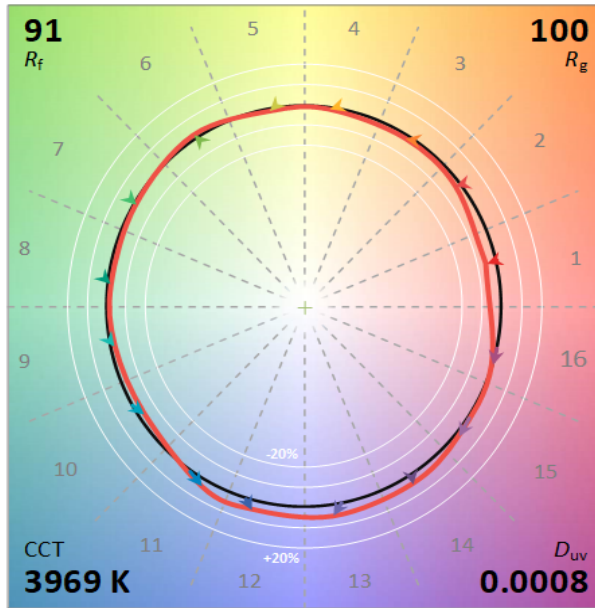
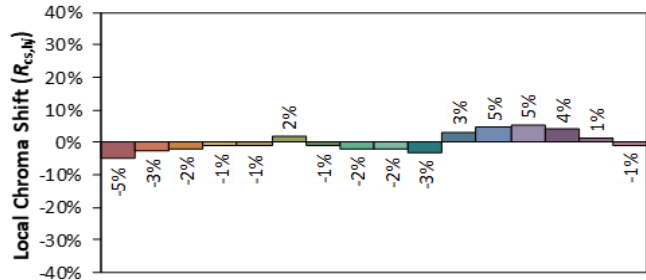
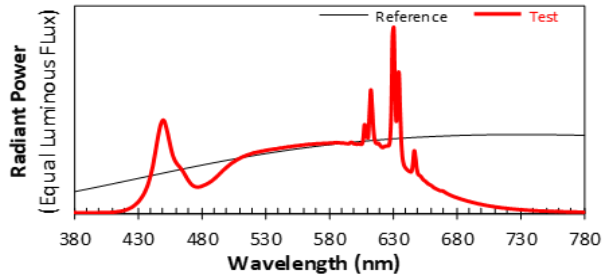
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201108

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 0.3824

y 0.3798

u' 0.2252

v' 0.5032

