

# LEDALITE - TRUGROOVE SUSPENDED

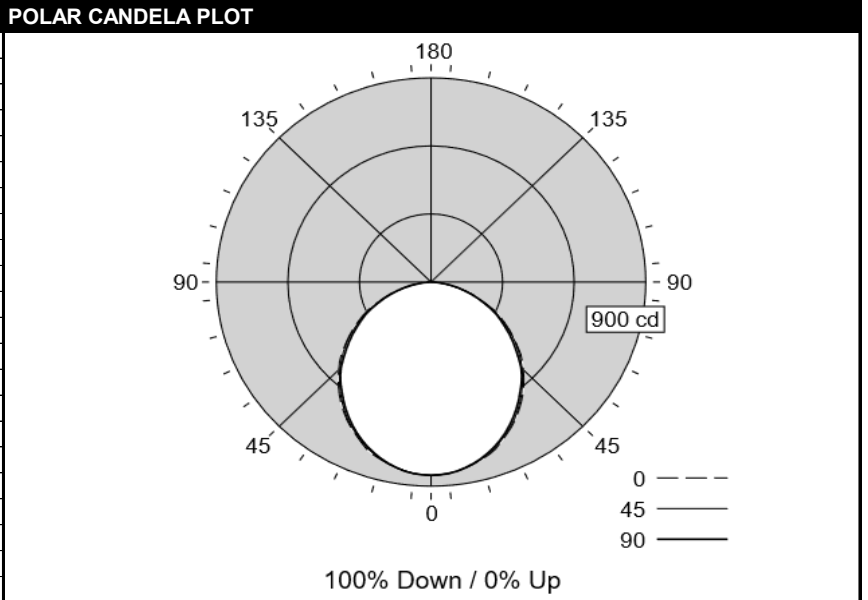


by @ignify

**TEST DATE:** 04 May 2021 **CATALOG NO:** 29x1L95022LN

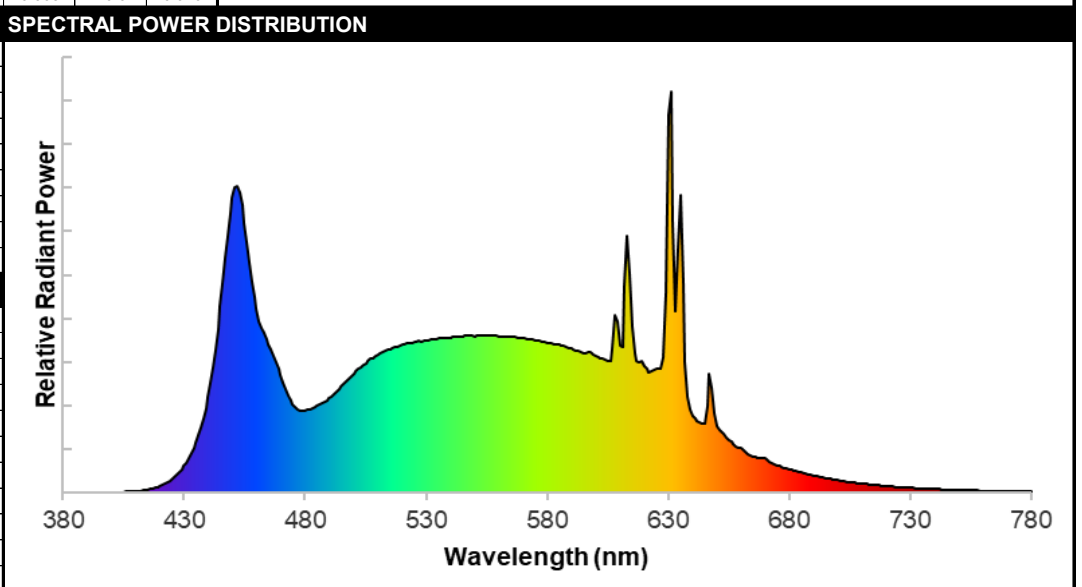
<b>Lamp Type:</b>	LED	<b>Description:</b>	DIRECT SILK 2200LM 950
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2336 lm 100%
<b>Input Watts:</b>	277 VAC 22.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	100% Down / 0% Up 105.2
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01282

	Flux					
	0	22.5	45	67.5	90	Lumens
0	852	852	852	852	852	
5	847	848	847	849	847	81
15	811	815	810	814	806	229
25	745	751	740	745	735	343
35	656	663	649	653	639	408
45	547	554	540	543	534	419
55	421	430	417	420	401	374
65	290	299	283	286	275	283
75	147	157	146	149	143	158
85	33	37	34	36	32	41
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	



RP1	Meets RP-1-12 recommendations for VDT-Normal spaces				Pc---	80				70			50			0					
Direct: Peak Candela & Angle (0°)	852.3 0.0				Pw---	70	50	30	10	70	50	30	50	30	10	0					
Direct: Peak Candela & Angle (90°)	852.3 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 23.5 0.809				5	76	63	54	48	74	62	54	60	52	47	44					
x, y, CCT, D <sub>uv</sub>	0.3420	0.3512	5121	0.0011	6	70	57	48	42	68	56	47	54	47	41	38					
CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>	93	68	99	94	7	65	52	43	37	63	51	42	49	42	36	34					
TM-30-18 R <sub>f</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>mh1</sub>	90	89	100	-5%	8	61	47	39	33	59	46	38	45	38	32	30					
120V: P(W), I(A), THD(%), PF	21.9	0.184	12.1	0.990	9	57	43	35	29	55	43	35	41	34	29	27					
277V: P(W), I(A), THD(%), PF	22.2	0.086	16.7	0.933	10	53	40	32	27	52	39	32	38	31	27	25					
347V: P(W), I(A), THD(%), PF	21.4	0.065	10.0	0.949	*Based on a floor reflectance of 0.2																

Zone	Lumens	%Fixture	%Lamp
0-30	653	27.9%	27.9%
0-40	1061	45.4%	45.4%
0-60	1854	79.4%	79.4%
0-90	2336	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	2336	100.0%	100.0%

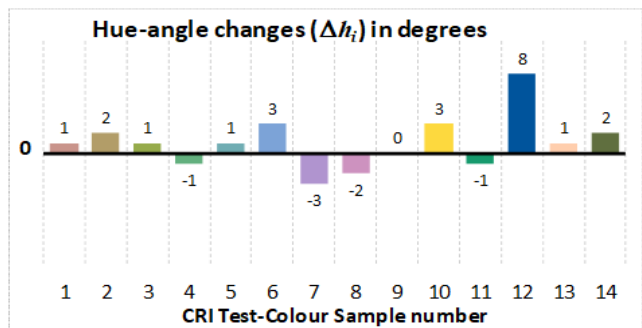
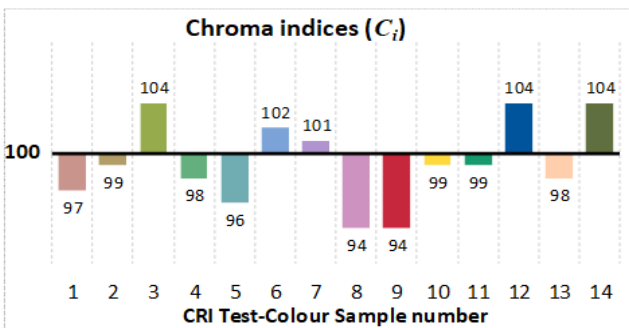
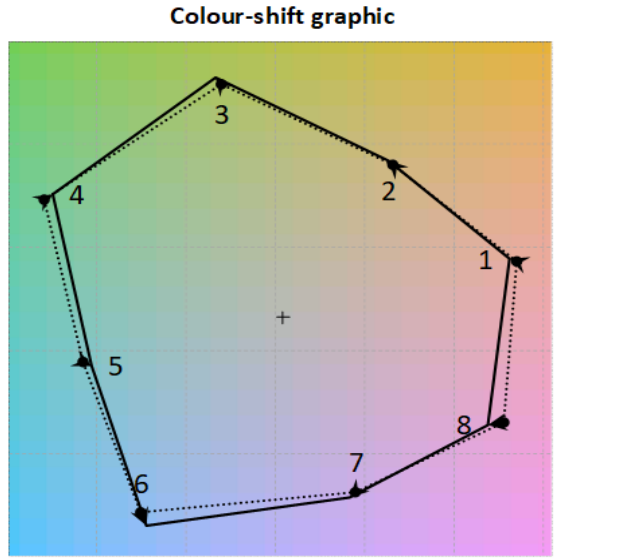
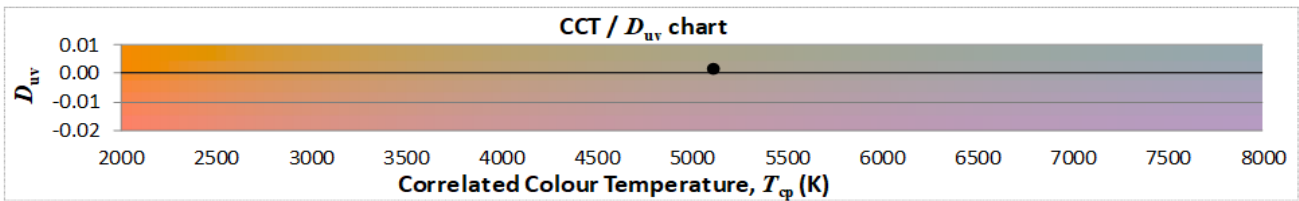
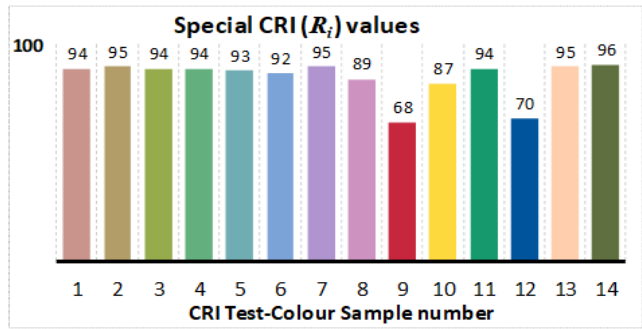
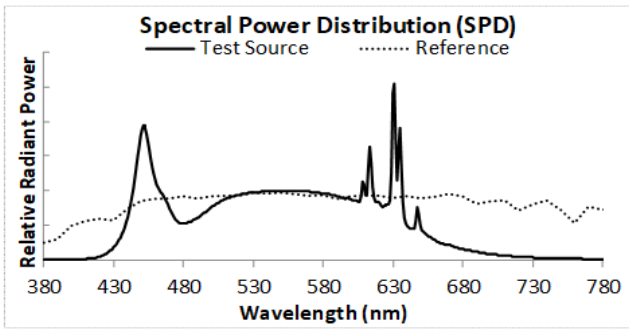


	0	45	90
0	9171	9171	9171
5	9153	9146	9152
15	9034	9020	8982
25	8839	8790	8721
35	8620	8524	8396
45	8327	8213	8118
55	7896	7819	7517
65	7391	7193	6994
75	6120	6049	5962
85	4086	4161	3951

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

<b>Test Number:</b>	T20201109	<b>Manufacturer:</b>	Ledalite by Signify
<b>Date:</b>	27 Aug 2020	<b>Model:</b>	TruGroove Suspended

<b>Correlated Colour Temperature (<math>T_{cp}</math>) in K</b>	5121	<b>CIE1931 chromaticity coordinate, <math>x</math></b>	0.3420
<b>Distance to Blackbody Locus (<math>D_{uv}</math>)</b>	0.0011	<b>CIE1931 chromaticity coordinate, <math>y</math></b>	0.3512
<b>General Colour Rendering Index (<math>R_a</math>)</b>	93	<b>CIE1976 chromaticity coordinate, <math>u'</math></b>	0.2095
<b>Red Rendering Index (<math>R_9</math>)</b>	68	<b>CIE1976 chromaticity coordinate, <math>v'</math></b>	0.4840
<b>Colour Gamut Index (<math>G_a</math>)</b>	99		
<b>Red Chroma Index (<math>C_9</math>)</b>	94		



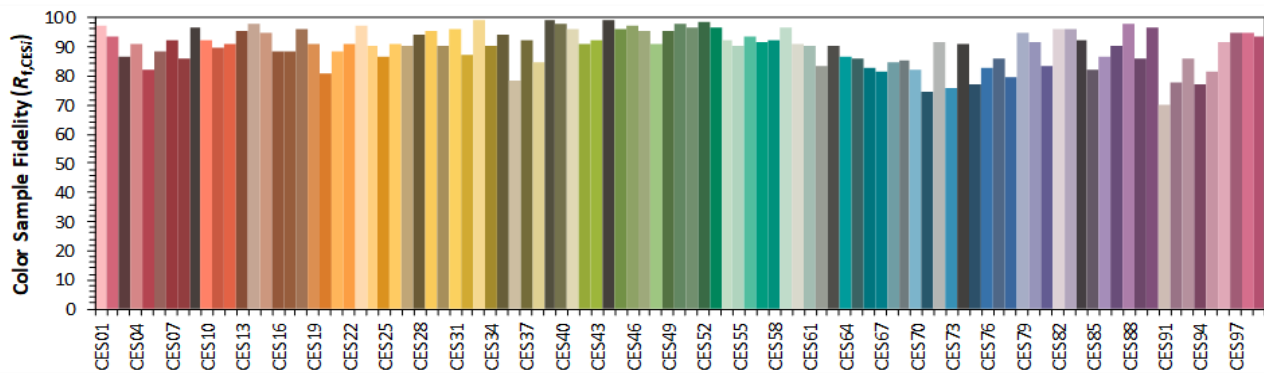
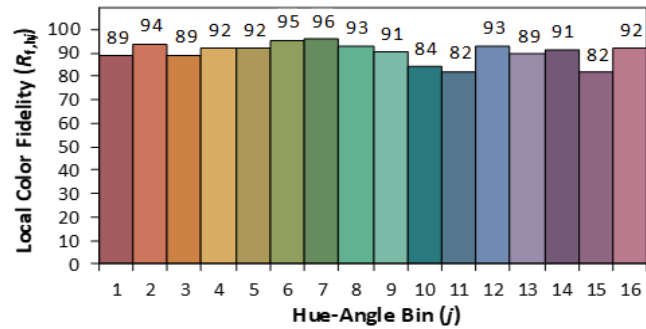
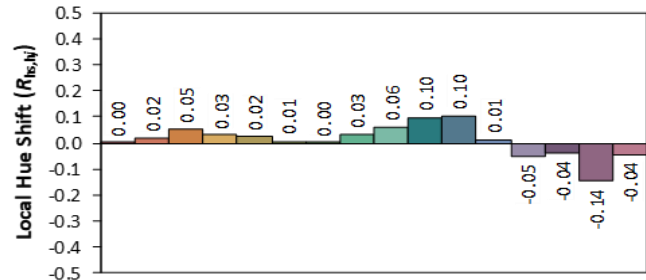
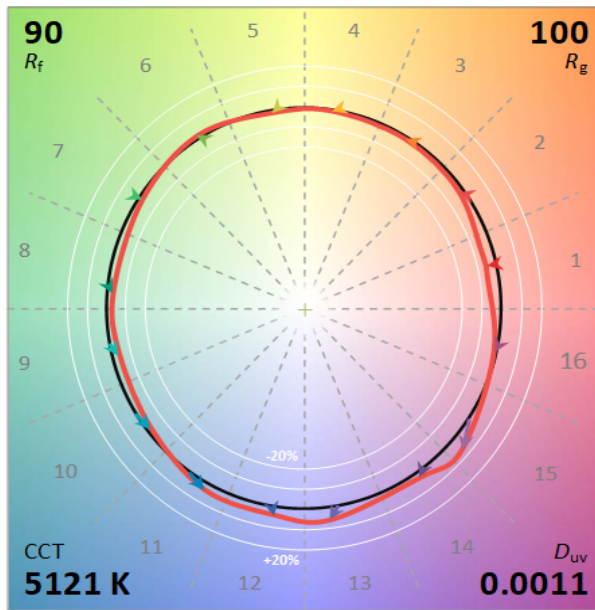
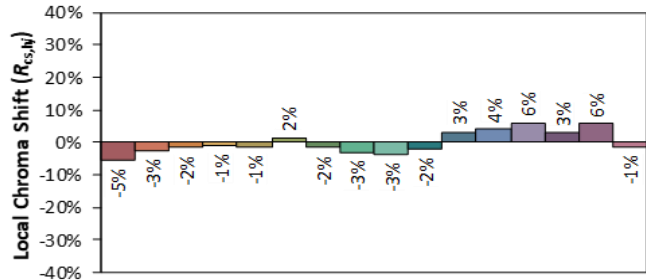
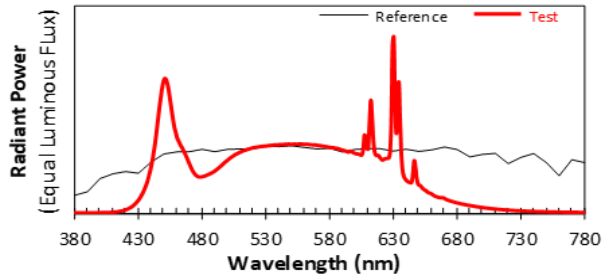
# ANSI/IES TM-30-18 Color Rendition Report

Source: T20201109

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 0.3420

y 0.3512

u' 0.2095

v' 0.4840

