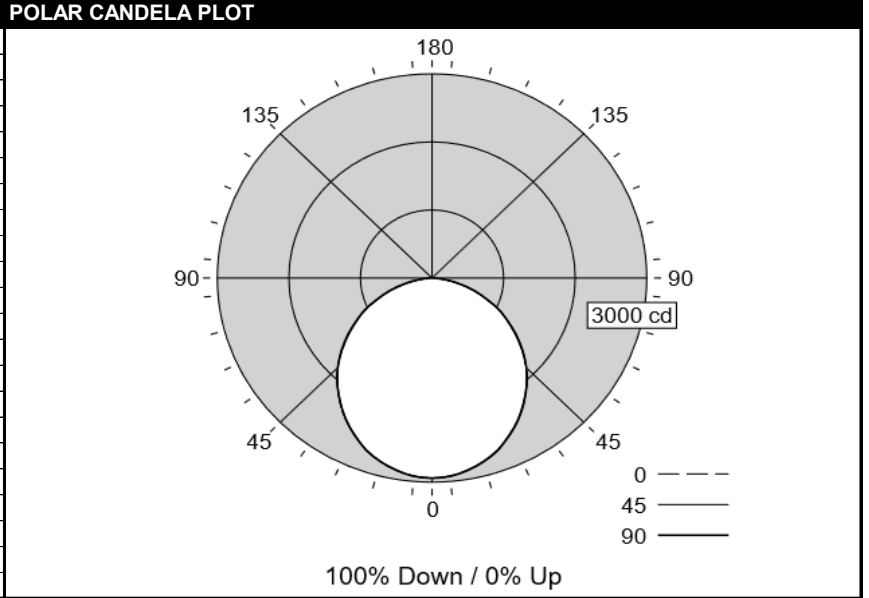


# LEDALITE - TRUGROOVE SHAPES

**TEST DATE:** 25 Oct 2021 **CATALOG NO:** 2901L93040LNS2

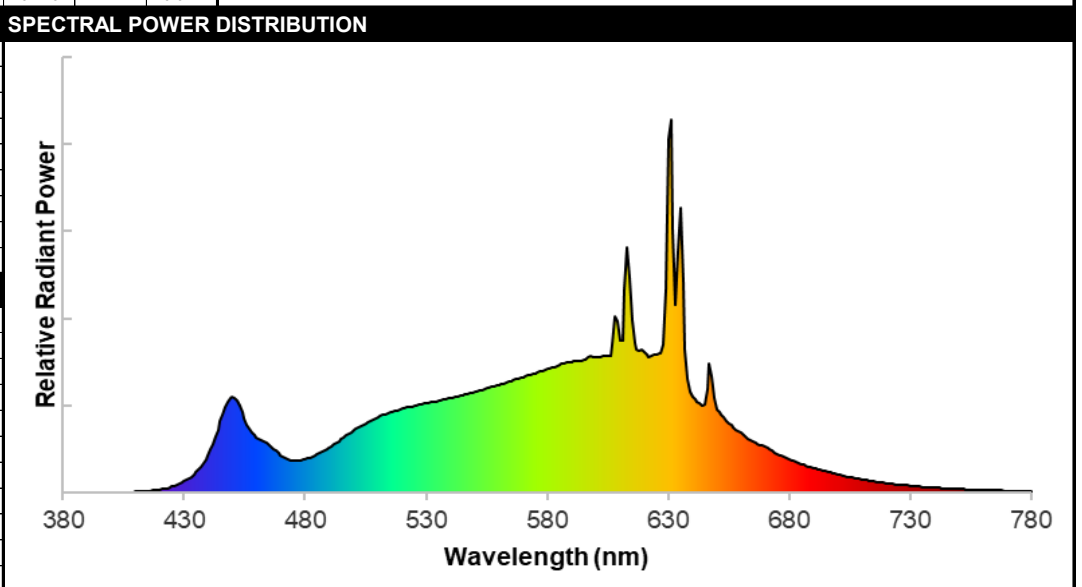
<b>Lamp Type:</b>	LED	<b>Description:</b>	DIRECT SILK 4000LM 930
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	8062 lm 100%
<b>Input Watts:</b>	120 VAC 84.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	100% Down / 0% Up 95.1
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG03059

	Flux					
	0	22.5	45	67.5	90	Lumens
0	2941	2941	2941	2941	2941	
5	2924	2927	2922	2927	2924	278
15	2790	2810	2794	2810	2790	790
25	2552	2580	2555	2580	2552	1184
35	2235	2270	2239	2270	2235	1409
45	1864	1893	1862	1893	1864	1447
55	1417	1467	1438	1467	1417	1291
65	975	1008	975	1008	975	975
75	501	526	502	526	501	546
85	112	126	116	126	112	143
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	Pc---	80	70	50	0									
Direct: Peak Candela & Angle (0°)	2940.9	0.0	Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	2940.9	0.0	RCR	70	50	30	10	70	50	30	50	30	10	0	
Spacing Criteria (0°, 90°, 180°)	1.22	1.22	N/A	0	119	119	119	119	116	116	116	111	111	111	100
Beam (H, V), Field (H, V)	107.7	107.7	160.7	160.7	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	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)	2.25	2.25	0.00	4	83	71	62	55	80	69	61	67	60	54	
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	22.2	0.505	5	76	63	54	48	74	62	54	60	52	47	
x, y, CCT, D <sub>uv</sub>	0.4325	0.4005	3047	-0.0008	6	70	57	48	42	68	56	47	54	47	
CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>	93	57	99	93	7	65	52	43	37	63	51	42	49	42	
TM-30-18 R <sub>f</sub> , R <sub>g</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>mh1</sub>	91	90	100	-5%	8	61	47	39	33	59	46	38	45	38	
120V: P(W), I(A), THD(%), PF	84.8	0.711	7.3	0.995	9	57	43	35	29	55	43	35	41	34	
277V: P(W), I(A), THD(%), PF	84.6	0.322	9.7	0.948	10	53	40	32	27	52	39	32	38	31	
347V: P(W), I(A), THD(%), PF	84.1	0.249	7.2	0.972	*Based on a floor reflectance of 0.2										

Zone	Lumens	%Fixture	%Lamp
0-30	2252	27.9%	27.9%
0-40	3661	45.4%	45.4%
0-60	6399	79.4%	79.4%
0-90	8062	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	8062	100.0%	100.0%

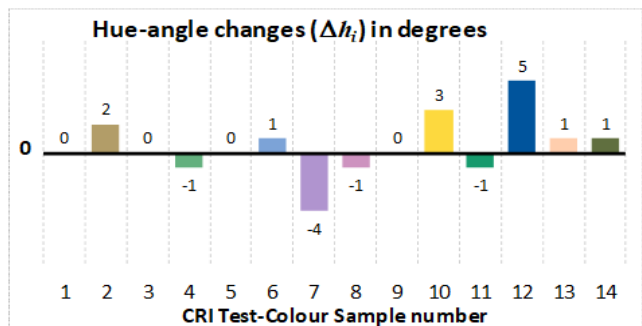
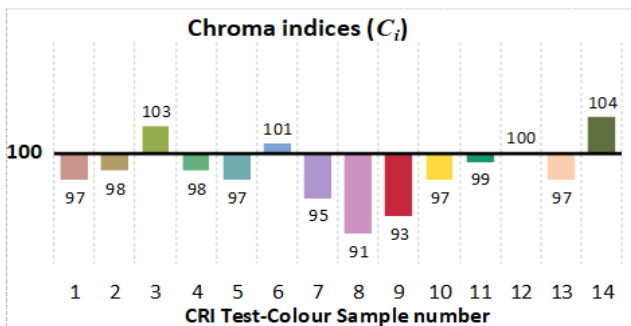
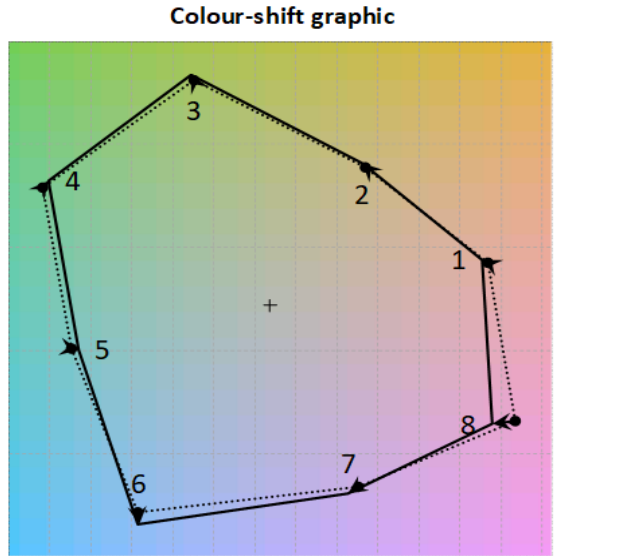
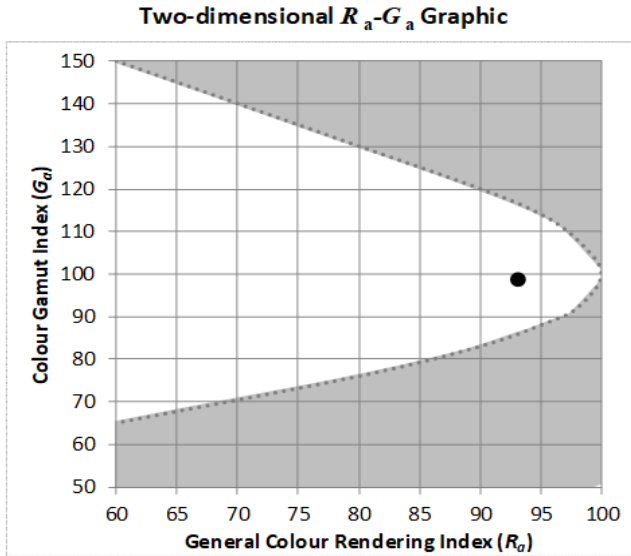
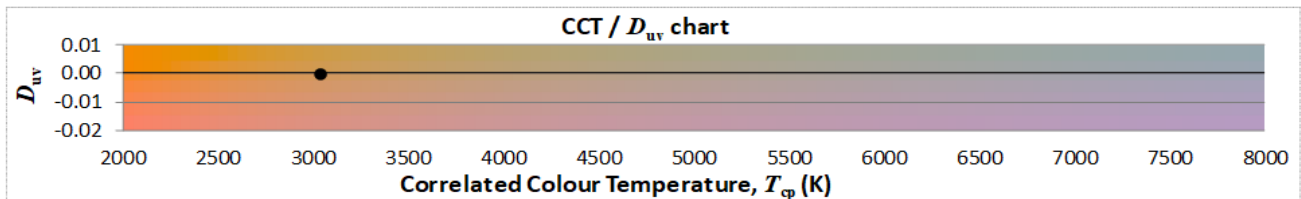
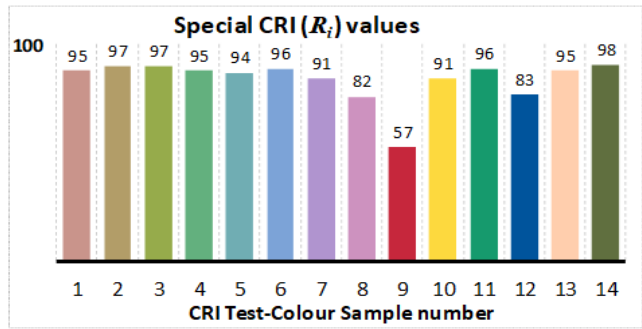
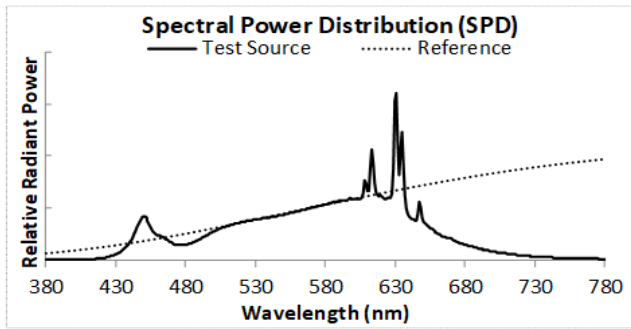


	0	45	90
0	6251	6251	6251
5	6238	6234	6238
15	6140	6148	6140
25	5985	5992	5985
35	5799	5810	5799
45	5604	5598	5604
55	5252	5329	5252
65	4903	4902	4903
75	4117	4123	4117
85	2741	2834	2741

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

<b>Test Number:</b>	T20201106	<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>	3047	<b>CIE1931 chromaticity coordinate, <math>x</math></b>	0.4325
<b>Distance to Blackbody Locus (<math>D_{uv}</math>)</b>	-0.0008	<b>CIE1931 chromaticity coordinate, <math>y</math></b>	0.4005
<b>General Colour Rendering Index (<math>R_a</math>)</b>	93	<b>CIE1976 chromaticity coordinate, <math>u'</math></b>	0.2492
<b>Red Rendering Index (<math>R_9</math>)</b>	57	<b>CIE1976 chromaticity coordinate, <math>v'</math></b>	0.5193
<b>Colour Gamut Index (<math>G_a</math>)</b>	99		
<b>Red Chroma Index (<math>C_9</math>)</b>	93		



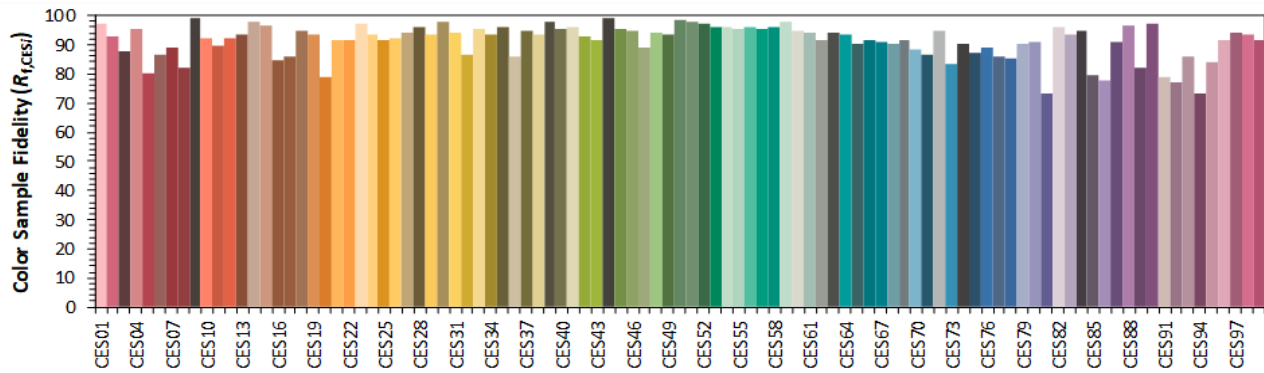
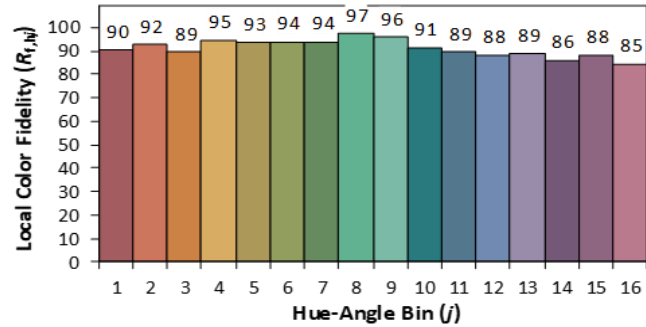
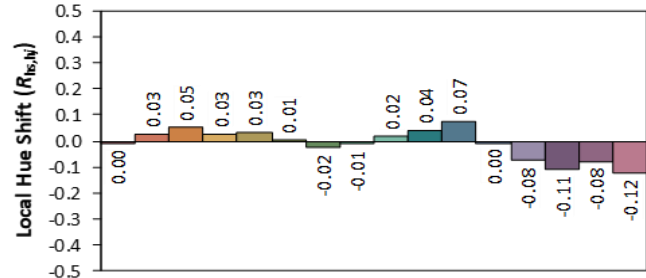
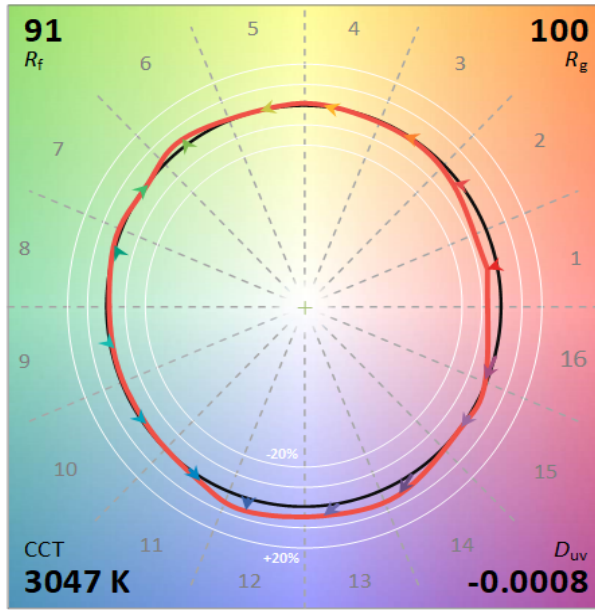
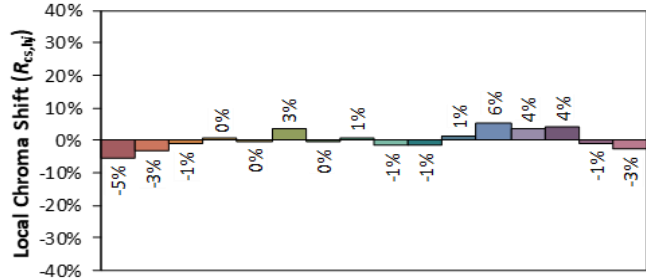
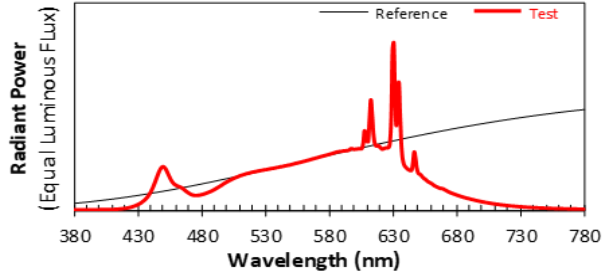
# ANSI/IES TM-30-18 Color Rendition Report

Source: T20201106

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 0.4325

y 0.4005

u' 0.2492

v' 0.5193

