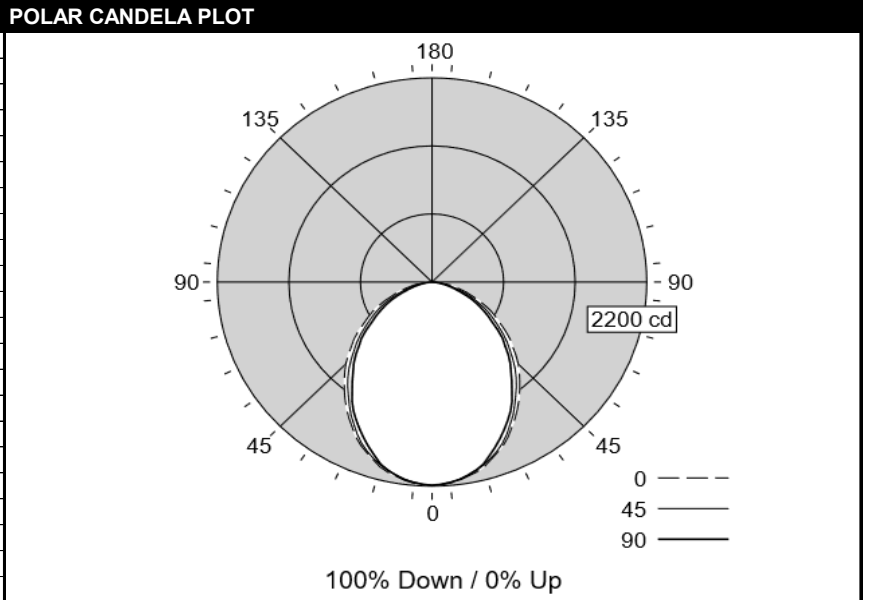


# LEDALITE - SHINE

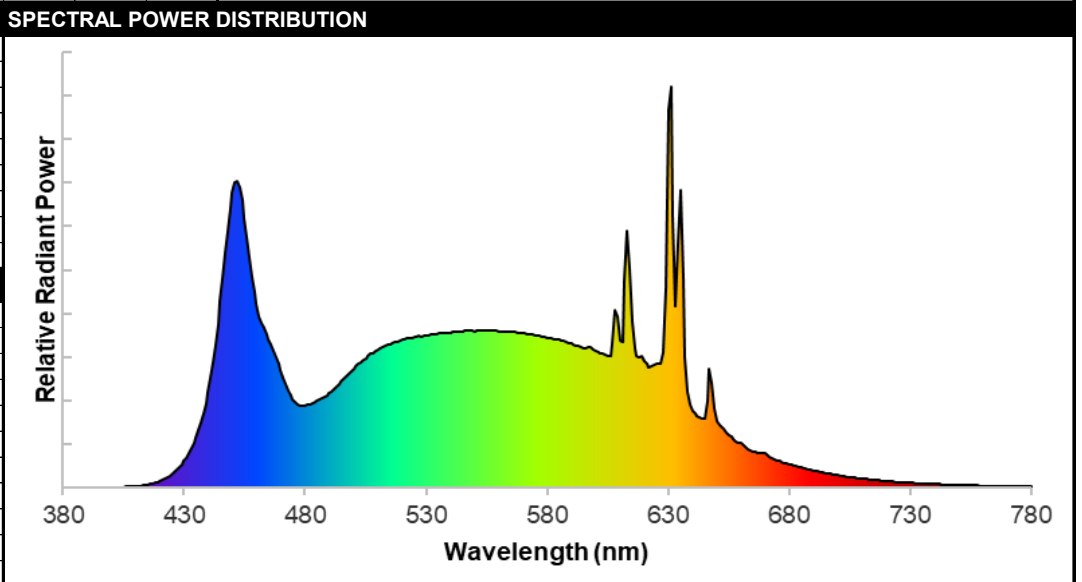
<b>TEST DATE:</b>	22 Sep 2021	<b>CATALOG NO:</b>	3314xxSTL95050A1DE
<b>Lamp Type:</b>	LED	<b>Description:</b>	5000LM 1x4 950
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5105 lm 100%
<b>Input Watts:</b>	120 VAC 48.0	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	100% Down / 0% Up 106.4
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG02637

	Flux					
	0	22.5	45	67.5	90	Lumens
0	2192	2192	2192	2192	2192	
5	2175	2177	2167	2171	2168	206
15	2063	2067	2040	2059	2033	577
25	1844	1865	1812	1804	1752	837
35	1552	1589	1494	1477	1427	947
45	1250	1263	1168	1137	1104	916
55	919	917	830	806	753	762
65	601	593	526	487	462	531
75	302	301	230	214	191	267
85	66	70	39	42	34	63
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°)	2191.9	0.0			Pw---	70	50	30	10	70	50	30	50	30	10	0
Direct: Peak Candela & Angle (90°)	2191.9	0.0			RCR											
Spacing Criteria (0°, 90°, 180°)	1.16	1.11	N/A		0	119	119	119	119	116	116	116	111	111	111	100
Beam (H, V), Field (H, V)	90.2	99.2	147.9	157.0	1	110	105	101	98	107	103	99	99	96	93	85
Indirect: Peak Candela & Angle(°)	N/A	N/A			2	100	93	86	81	98	91	85	87	82	78	72
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A			3	92	82	74	68	89	80	73	77	71	66	62
Luminous Width, Length, Height (ft)	0.91	3.90	0.00		4	84	73	65	58	82	72	64	69	62	57	53
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	21.4	0.809		5	78	66	57	51	76	64	56	62	55	50	47
x, y, CCT, D <sub>uv</sub>	0.3420	0.3512	5121	0.0011	6	72	59	51	45	70	58	50	57	49	44	41
CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>	93	68	99	94	7	67	54	46	40	65	53	45	52	44	39	37
TM-30-18 R <sub>f</sub> , R <sub>a,h1</sub> , R <sub>g</sub> , R <sub>cs,h1</sub>	90	89	100	-5%	8	63	49	41	36	61	49	41	47	40	35	33
120V: P(W), I(A), THD(%), PF	48.0	0.402	6.0	0.997	9	59	46	38	32	57	45	37	44	37	32	30
277V: P(W), I(A), THD(%), PF	47.5	0.176	9.9	0.974	10	55	42	34	29	54	42	34	41	34	29	27
347V: P(W), I(A), THD(%), PF	46.8	0.137	6.8	0.981	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	1619	31.7%	31.7%
0-40	2567	50.3%	50.3%
0-60	4244	83.1%	83.1%
0-90	5105	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	5105	100.0%	100.0%

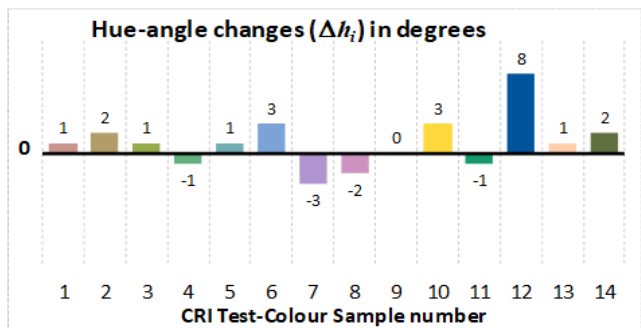
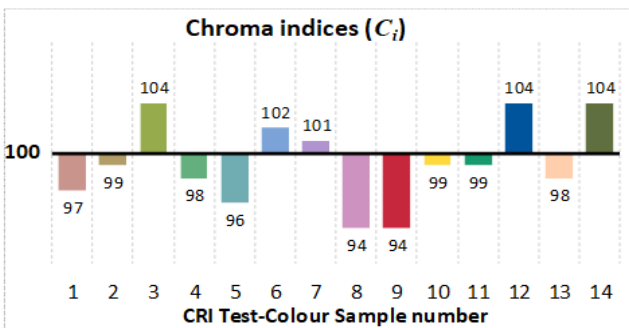
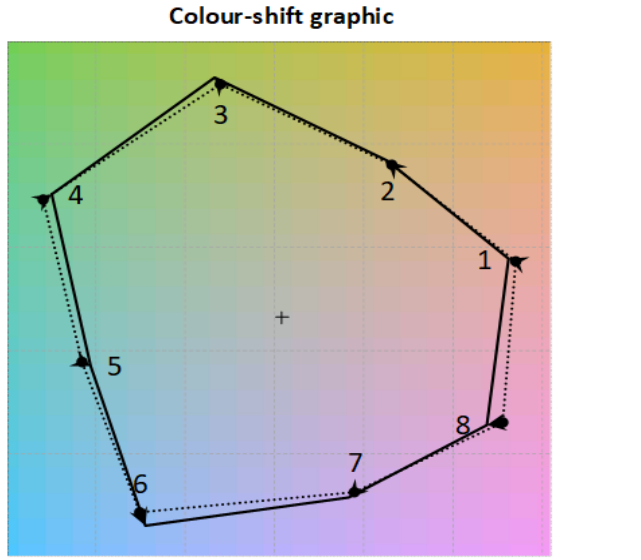
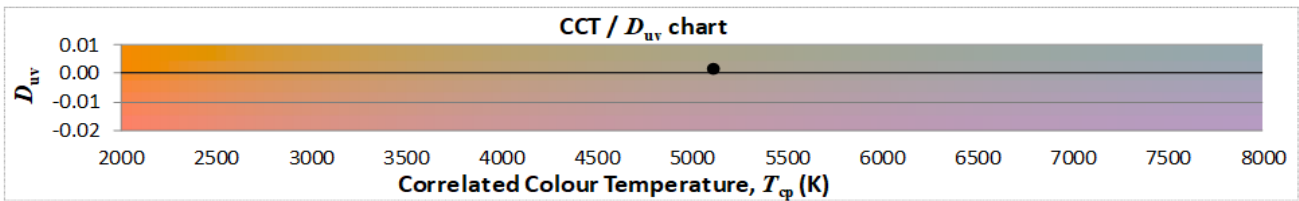
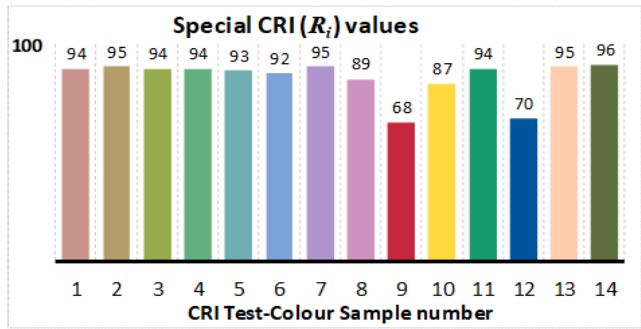
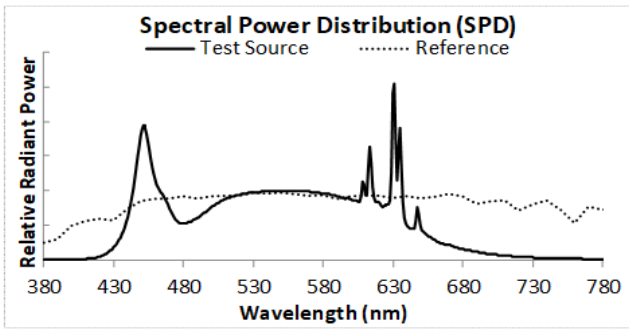


	0	45	90
0	6645	6645	6645
5	6618	6596	6597
15	6474	6403	6381
25	6168	6061	5861
35	5746	5530	5281
45	5360	5010	4734
55	4860	4387	3978
65	4310	3773	3311
75	3533	2688	2235
85	2292	1371	1169

# 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>	Shine

<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		



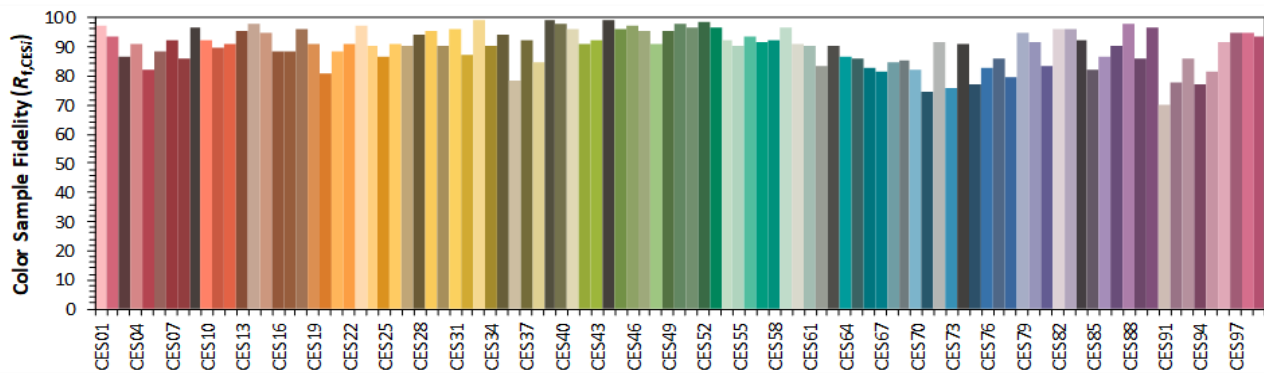
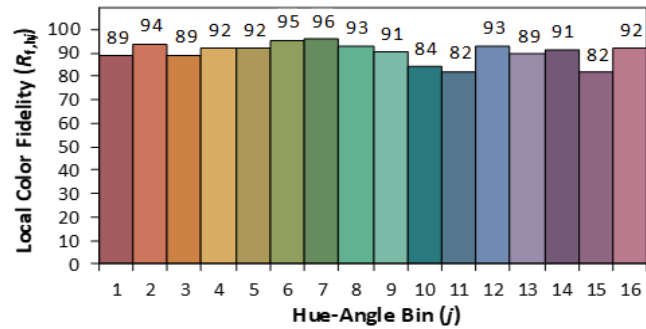
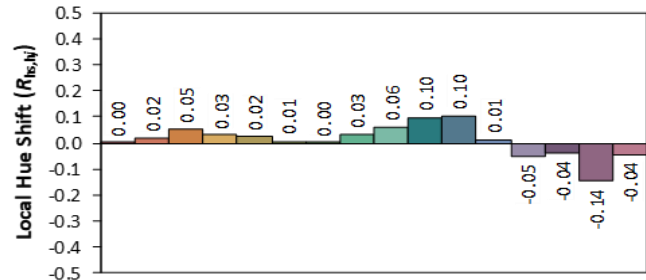
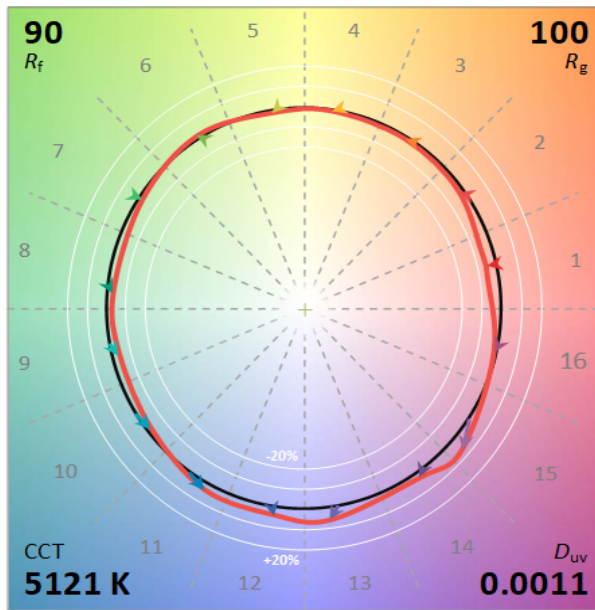
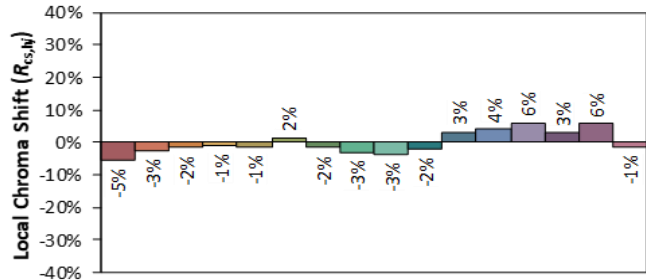
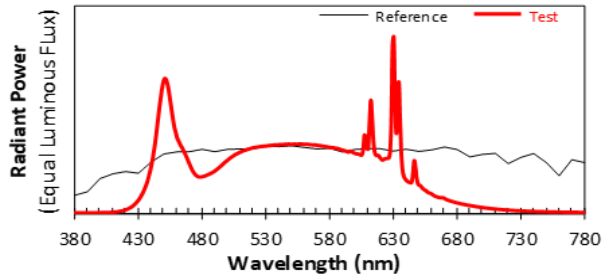
# ANSI/IES TM-30-18 Color Rendition Report

Source: T20201109

Manufacturer: Ledalite by Signify

Date: 27 Aug 2020

Model: Shine



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

