

# LEDALITE - MODIFY

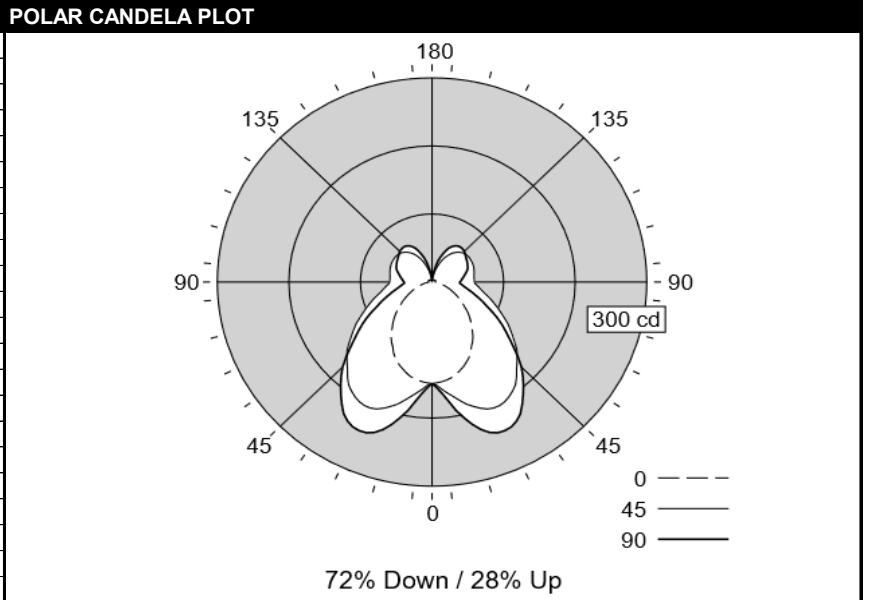


by @ignify

**TEST DATE:** 20 Apr 2020 **CATALOG NO:** MFxSL93520QN02

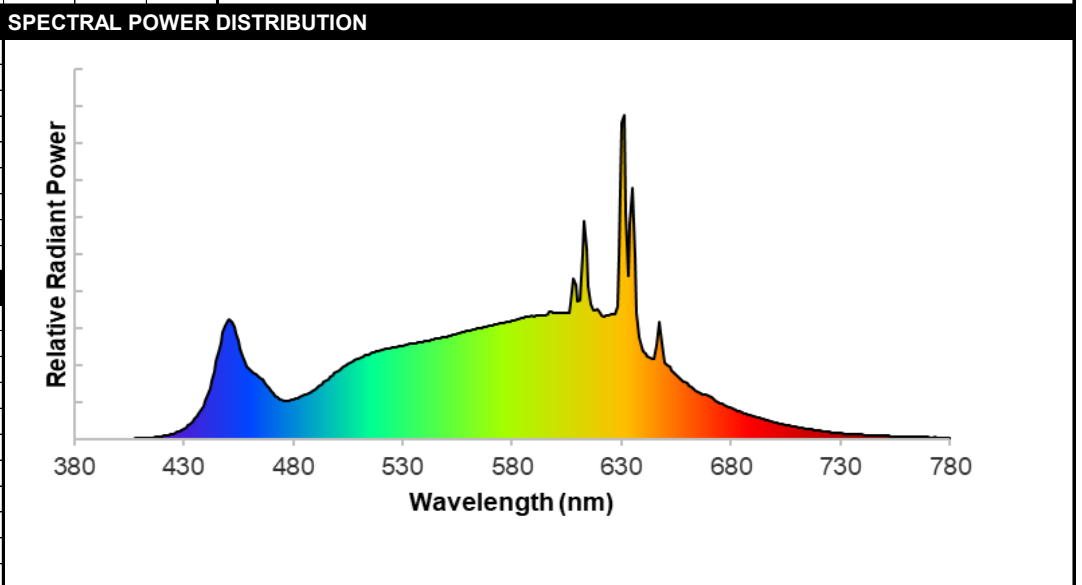
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFY SUSPENDED 2FT 2000LM 935
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	943 lm 100%
<b>Input Watts:</b>	277 VAC 9.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	72% Down / 28% Up 101.4
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report:</b>	LNG00788

	Flux					
	0	22.5	45	67.5	90	Lumens
0	149	149	149	149	149	
5	147	151	158	166	165	15
15	138	156	186	211	216	52
25	122	154	204	233	241	89
35	100	143	196	214	220	111
45	75	121	168	176	177	114
55	51	95	137	129	125	101
65	30	77	106	91	85	82
75	15	62	81	64	58	64
85	6	51	64	47	41	51
90	5	48	59	43	39	
95	4	45	59	42	42	46
105	5	42	61	47	48	47
115	5	40	63	52	55	46
125	5	38	63	55	59	42
135	4	33	61	58	64	36
145	3	26	52	57	64	26
155	2	17	38	46	55	15
165	2	8	19	27	32	5
175	2	2	4	6	6	1
180	2	2	2	2	2	



RP1	None	Pc---	80	70	50	0										
Direct: Peak Candela & Angle (0°)	149.2	0.0	Pw---	70	50	30	10	70	50	30	50	30	10	0		
Direct: Peak Candela & Angle (90°)	241.0	25.0	RCR	70	50	30	10	70	50	30	50	30	10	0		
Spacing Criteria (0°, 90°, 180°)	1.12	1.84	N/A	0	112	112	112	112	107	107	107	96	96	96	72	
Beam (H, V), Field (H, V)	112.5	96.5	180.0	180.0	1	101	95	90	86	95	90	86	81	77	74	56
Indirect: Peak Candela & Angle(°)	64.8	140.0	2	91	82	75	69	86	78	71	70	65	60	46		
Indirect: Zenith Candela, Peak to Zenith	1.7	38.12	3	83	72	63	57	78	68	60	61	55	50	38		
Luminous Width, Length, Height (ft)	0.18	2.01	0.20	4	75	63	54	48	71	60	52	54	47	42	32	
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	20.0	0.571	5	69	56	47	41	65	53	45	48	41	36	27	
x, y, CCT, D <sub>uv</sub>	0.4108	0.3928	3399	-0.0002	6	64	50	41	35	60	48	40	43	36	31	24
CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>	94	61	99	93	7	59	45	37	31	55	43	35	39	32	27	21
TM-30-18 R <sub>f</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>mh1</sub>	91	90	100	-5%	8	55	41	33	27	51	39	31	36	29	24	19
120V: P(W), I(A), THD(%), PF	8.9	0.076	17.0	0.970	9	51	38	29	24	48	36	28	33	26	22	17
277V: P(W), I(A), THD(%), PF	9.3	0.040	34.0	0.830	10	47	34	27	22	45	33	26	30	24	19	15
347V: P(W), I(A), THD(%), PF	9.3	0.030	15.0	0.896	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	156	16.5%	16.5%
0-40	267	28.3%	28.3%
0-60	482	51.1%	51.1%
0-90	680	72.0%	72.0%
90-130	181	19.2%	19.2%
90-150	243	25.8%	25.8%
90-180	264	28.0%	28.0%
0-180	943	100.0%	100.0%

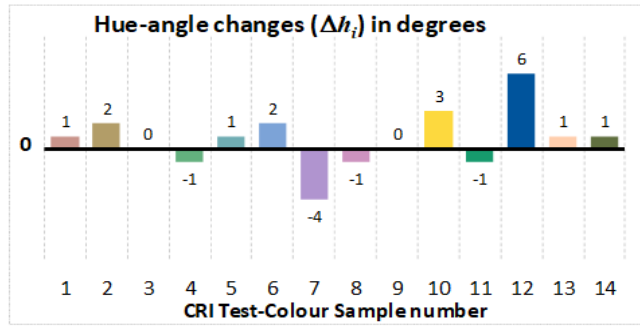
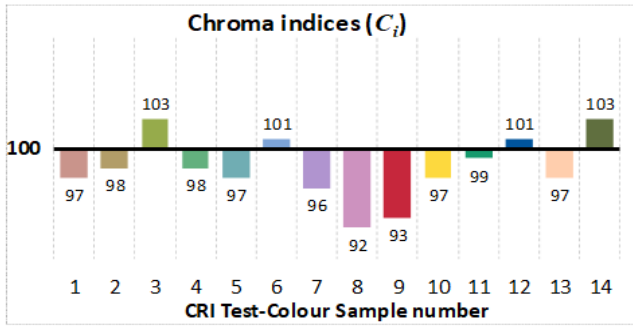
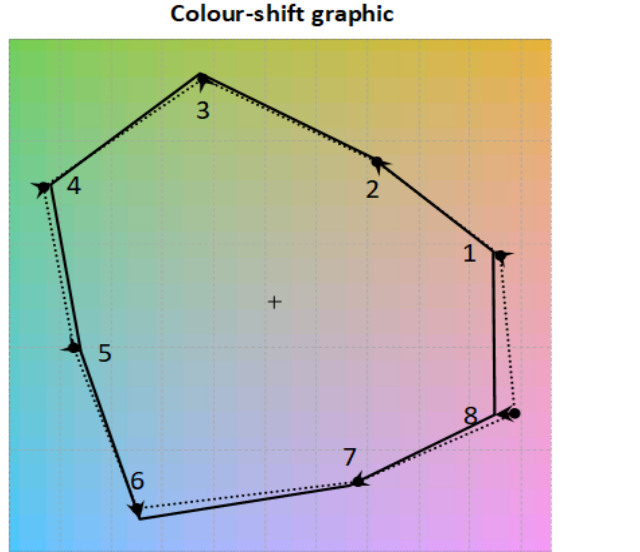
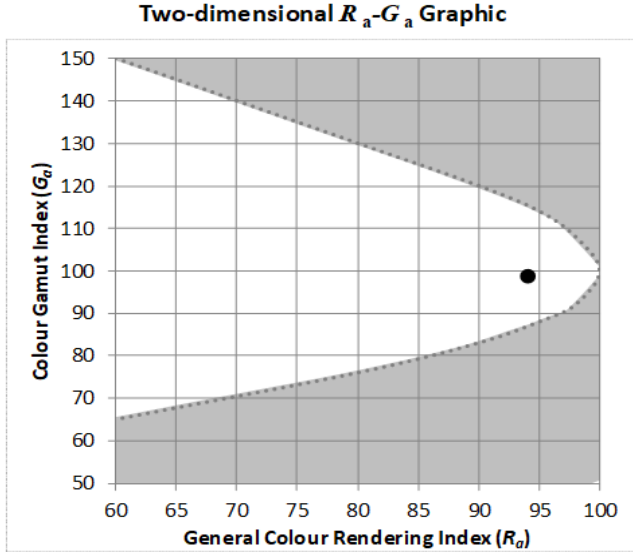
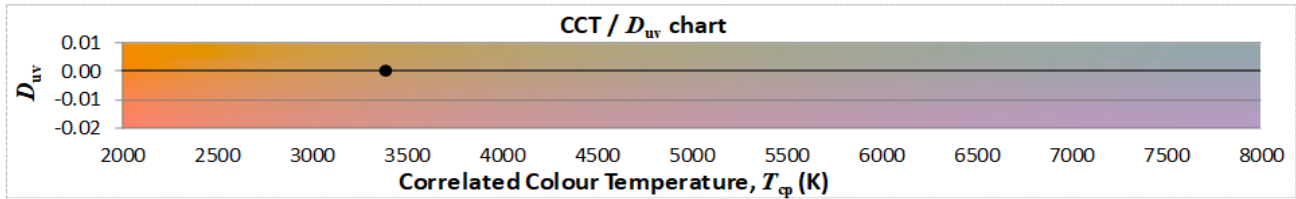
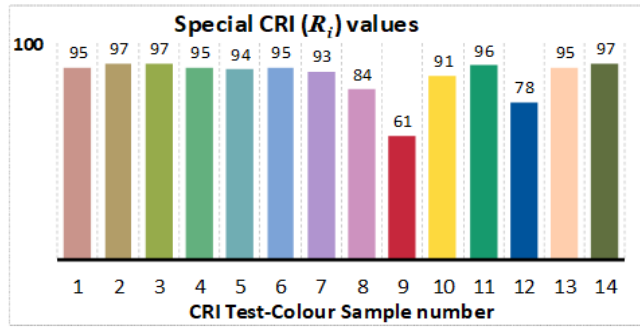
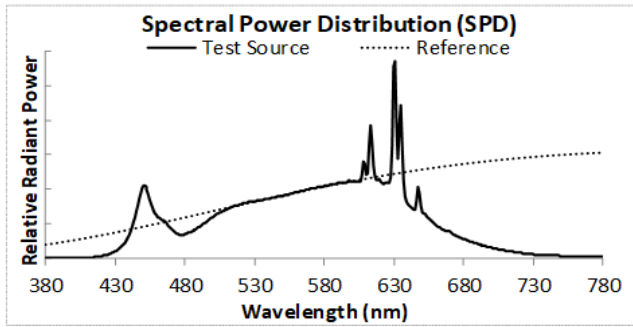


	0	45	90
0	4437	4437	4437
5	4360	4397	4481
15	4148	4653	5134
25	3835	4791	5209
35	3381	4447	4486
45	2857	3805	3518
55	2306	3203	2514
65	1746	2635	1762
75	1290	2205	1288
85	1006	2019	1031

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

Test Number:	T20200515	Manufacturer:	Ledalite by Signify
Date:	25 Mar 2020	Model:	ModiFly

Correlated Colour Temperature ( $T_{cp}$ ) in K	3399	CIE1931 chromaticity coordinate, $x$	0.4108
Distance to Blackbody Locus ( $D_{uv}$ )	-0.0002	CIE1931 chromaticity coordinate, $y$	0.3928
General Colour Rendering Index ( $R_a$ )	94	CIE1976 chromaticity coordinate, $u'$	0.2384
Red Rendering Index ( $R_9$ )	61	CIE1976 chromaticity coordinate, $v'$	0.5130
Colour Gamut Index ( $G_a$ )	99		
Red Chroma Index ( $C_9$ )	93		



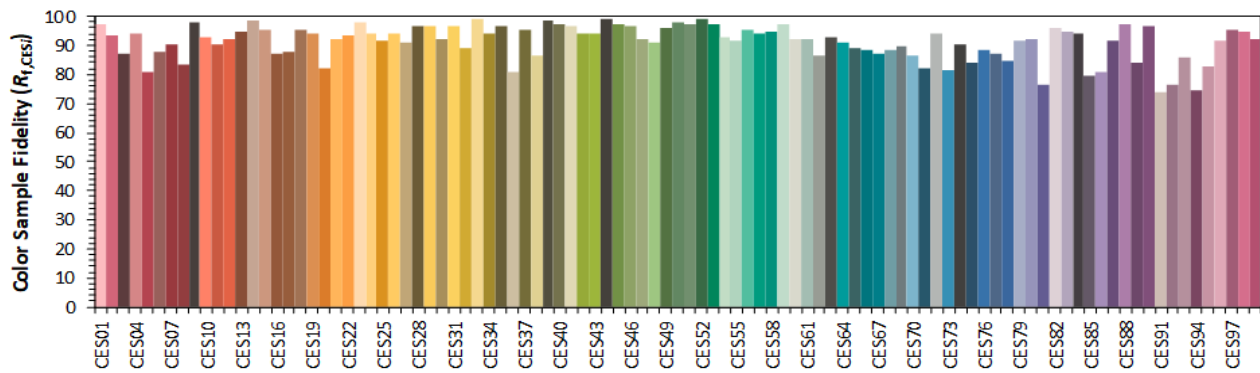
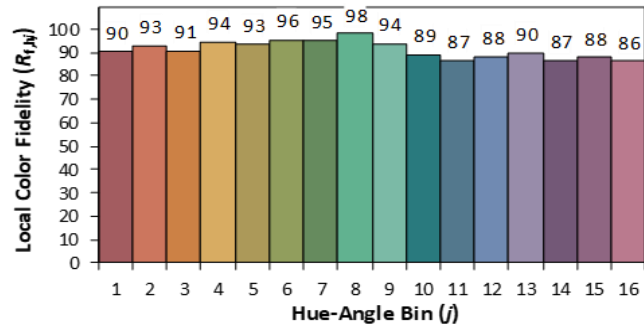
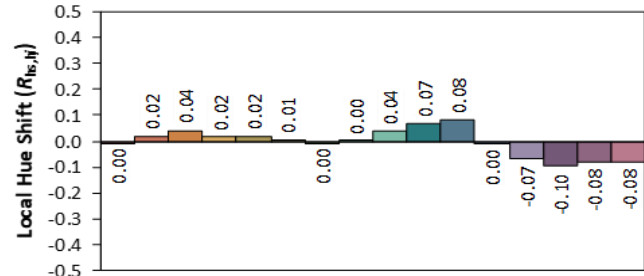
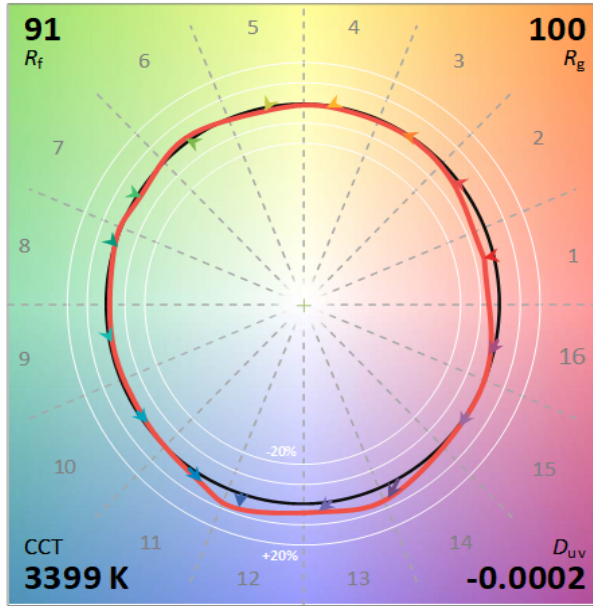
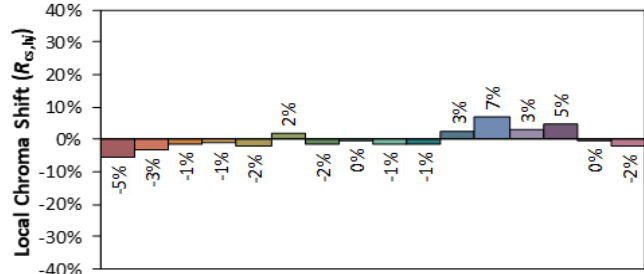
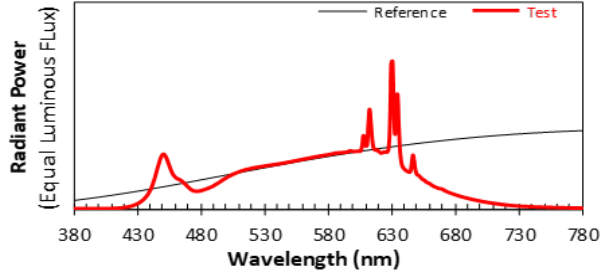
# ANSI/IES TM-30-18 Color Rendition Report

Source: T20200515

Manufacturer: Ledalite by Signify

Date: 25 Mar 2020

Model: ModiFly



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.4108  
 y 0.3928  
 u' 0.2384  
 v' 0.5130

