

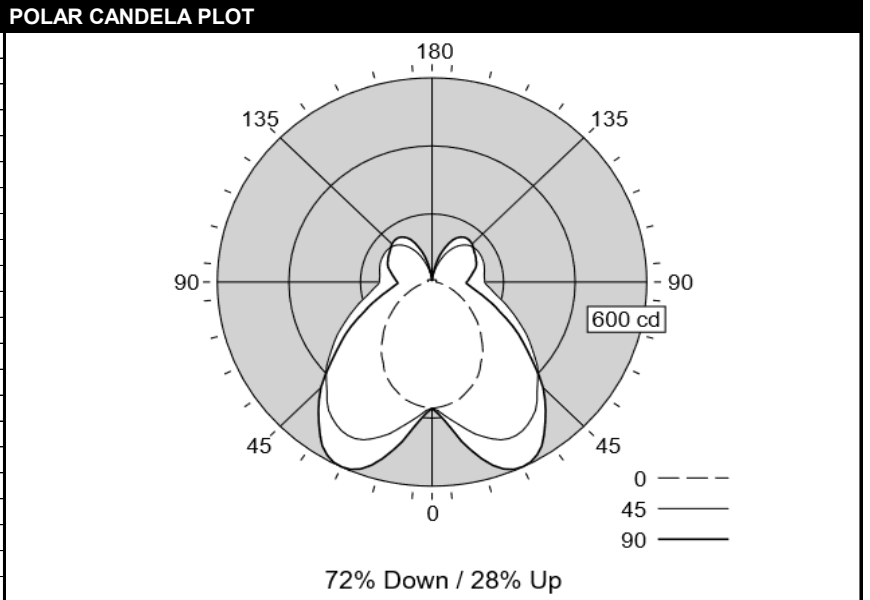
LEDALITE - MODIFY



by @ignify

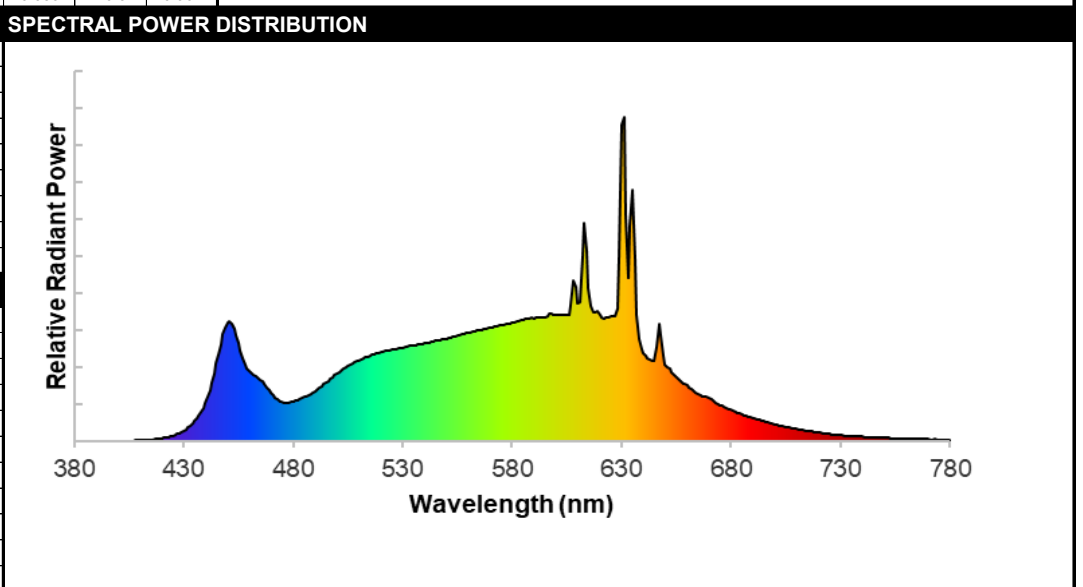
TEST DATE:	20 Apr 2020	CATALOG NO:	MFxSL93525QN04
Lamp Type:	LED	Description:	MODIFY SUSPENDED 4FT 2500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2346 lm 100%
Input Watts:	277 VAC 19.3	Up/Dn Ratio, Efficacy (lm/W):	72% Down / 28% Up 121.6
CIE-IES Classification:	Semi-Direct	Report:	LNG00824

	Flux					
	0	22.5	45	67.5	90	Lumens
0	371	371	371	371	371	
5	366	375	393	412	409	38
15	344	388	462	525	538	129
25	304	383	508	578	599	221
35	248	355	487	532	546	276
45	186	301	417	437	439	283
55	126	237	341	321	312	251
65	75	190	264	225	211	205
75	38	155	200	159	143	160
85	16	127	159	117	103	127
90	12	118	147	106	97	
95	11	112	147	103	104	115
105	13	104	151	116	120	116
115	13	100	156	129	137	114
125	12	94	157	137	146	105
135	9	83	151	144	158	89
145	7	65	130	142	160	66
155	6	42	94	115	136	37
165	4	20	46	68	78	13
175	4	6	9	15	16	1
180	4	4	4	4	4	



RP1	None		80				70			50			0			
Direct: Peak Candela & Angle (0°)	371.0	0.0	Pw---	70	50	30	10	70	50	30	50	30	10	0		
Direct: Peak Candela & Angle (90°)	599.2	25.0	RCR													
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)	112.4	96.4	180.0	180.0	1	101	95	90	86	95	90	86	81	77	74	56
Indirect: Peak Candela & Angle(°)	161.2	142.5	2	91	82	75	69	86	78	71	70	65	60	60	46	
Indirect: Zenith Candela, Peak to Zenith	4.1	39.32	3	83	72	63	57	78	68	60	61	55	50	38		
Luminous Width, Length, Height (ft)	0.18	3.97	0.20	4	75	63	54	48	71	60	52	54	47	42	32	
DLC, UGR (4H x 8H, 1.0H), MDER	Standard	21.1	0.571	5	69	56	47	41	65	53	45	48	41	36	27	
x, y, CCT, D _{uv}	0.4108	0.3928	3399	-0.0002	6	64	50	41	35	60	48	40	43	36	31	24
CRI (R _a), R _g , G _a , C _g	94	61	99	93	7	59	45	37	31	55	43	35	39	32	27	21
TM-30-18 R _f , R _{h1} , R _g , R _{sb1}	91	90	100	-5%	8	55	41	33	27	51	39	31	36	29	24	19
120V: P(W), I(A), THD(%), PF	19.2	0.162	9.0	0.990	9	51	38	29	24	48	36	28	33	26	22	17
277V: P(W), I(A), THD(%), PF	19.3	0.073	19.0	0.950	10	47	34	27	22	45	33	26	30	24	19	15
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3	0.967	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	388	16.5%	16.5%
0-40	664	28.3%	28.3%
0-60	1198	51.1%	51.1%
0-90	1690	72.0%	72.0%
90-130	450	19.2%	19.2%
90-150	604	25.8%	25.8%
90-180	656	28.0%	28.0%
0-180	2346	100.0%	100.0%

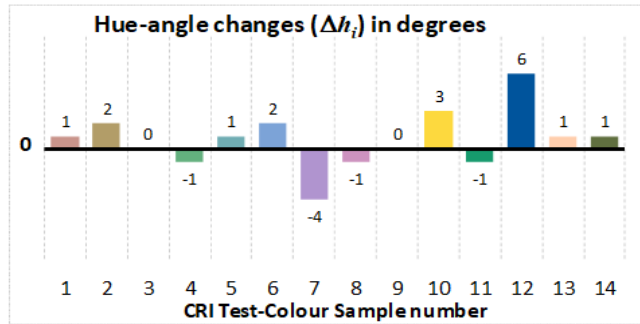
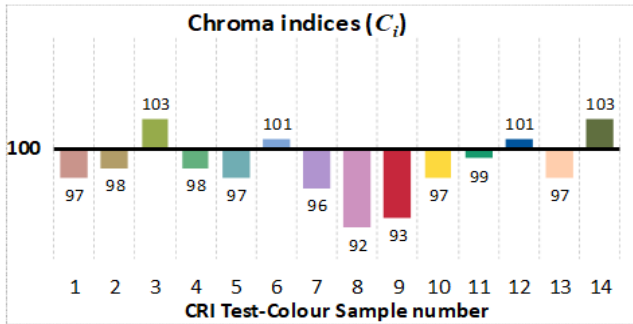
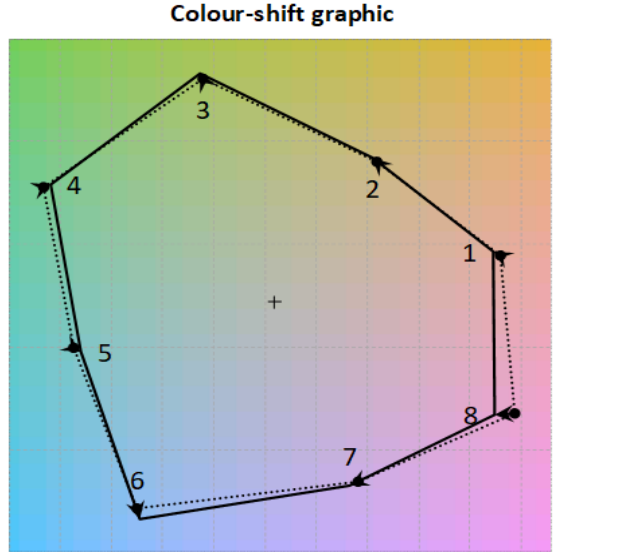
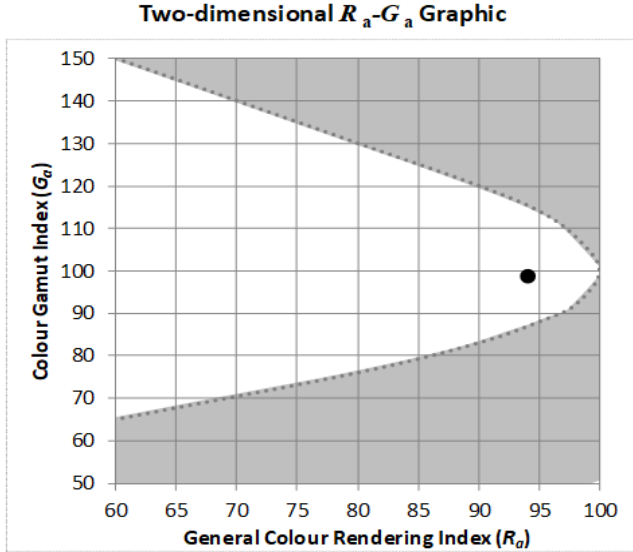
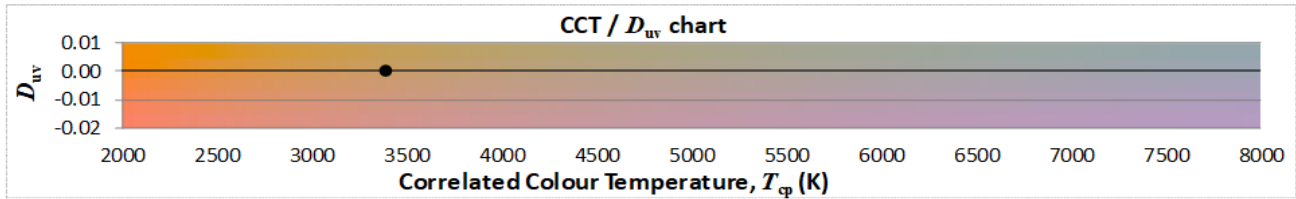
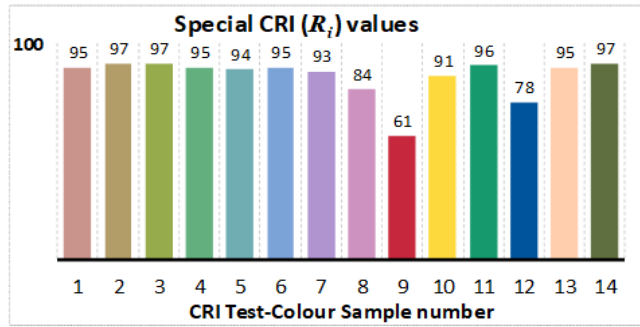
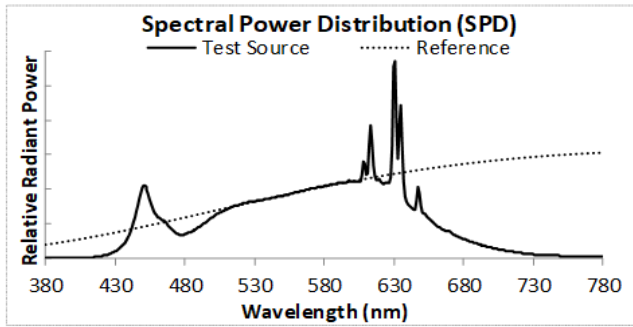


	0	45	90
0	5586	5586	5586
5	5511	5548	5640
15	5286	5903	6463
25	4938	6102	6558
35	4396	5685	5646
45	3767	4879	4429
55	3091	4125	3162
65	2405	3408	2218
75	1876	2865	1620
85	1732	2636	1296

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		



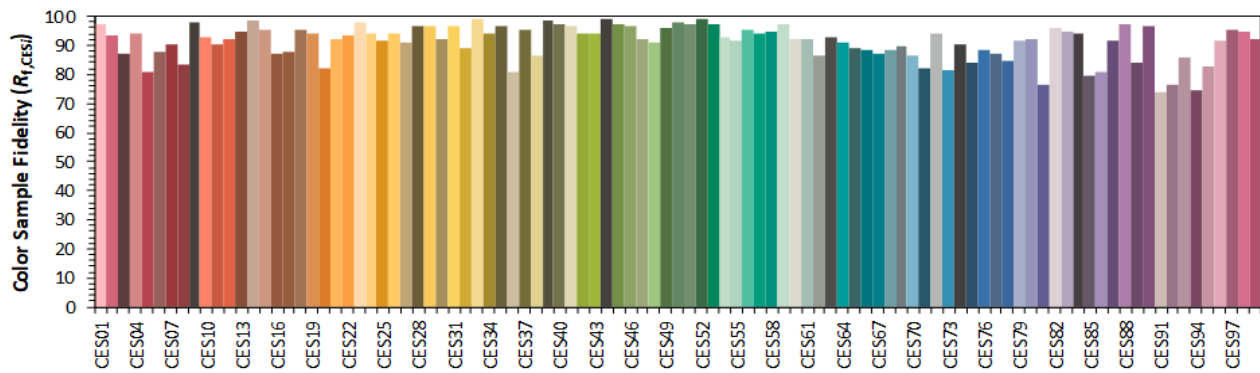
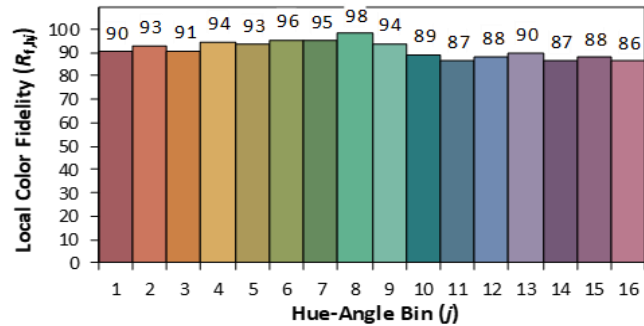
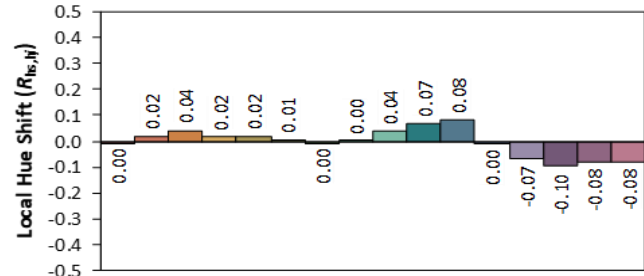
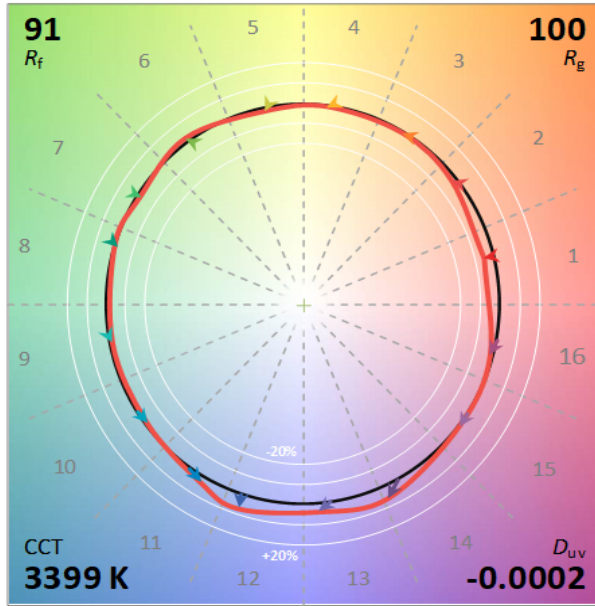
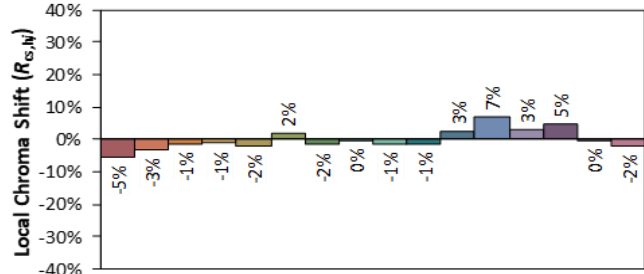
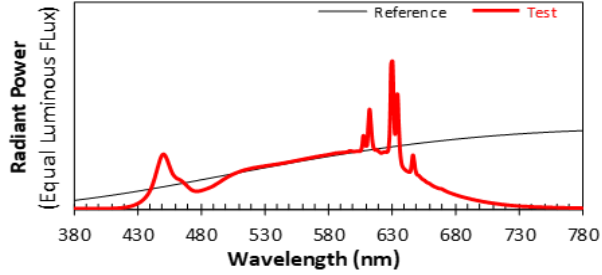
ANSI/IES TM-30-18 Color Rendition Report

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

