

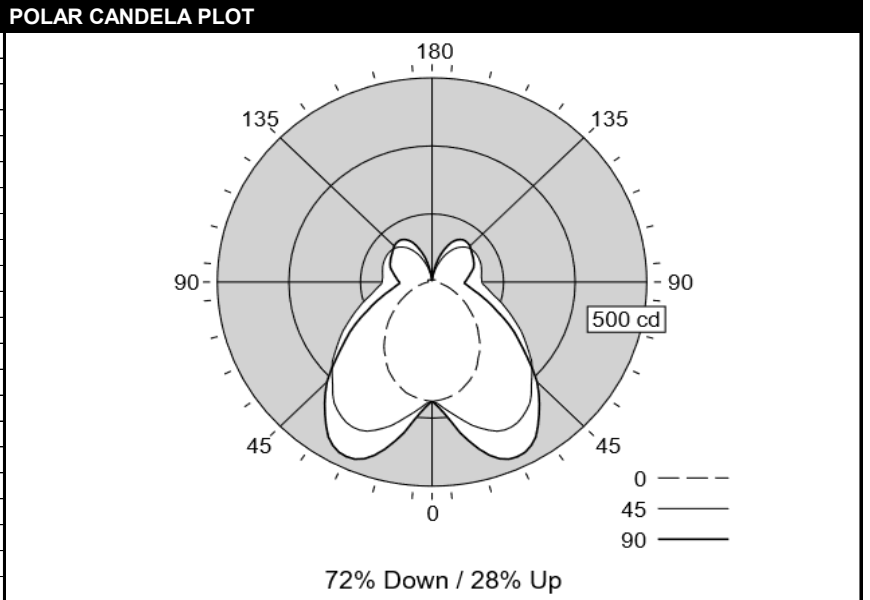
LEDALITE - MODIFY



by @ignify

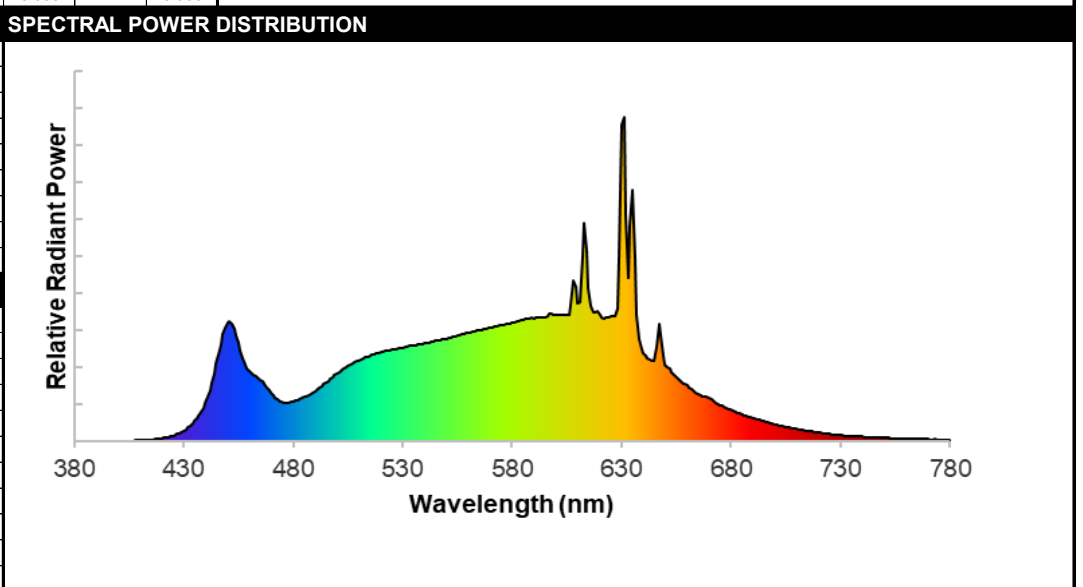
TEST DATE:	20 Apr 2020	CATALOG NO:	MFxSL93540QN02
Lamp Type:	LED	Description:	MODIFY SUSPENDED 2FT 4000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1847 lm 100%
Input Watts:	277 VAC 16.3	Up/Dn Ratio, Efficacy (lm/W):	72% Down / 28% Up 113.3
CIE-IES Classification:	Semi-Direct	Report:	LNG00792

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	292	292	292	292	292	
5	288	296	310	325	322	30
15	271	306	364	414	424	102
25	240	302	400	455	472	174
35	195	280	384	419	430	218
45	146	237	329	344	346	223
55	99	186	269	252	245	198
65	59	150	208	177	166	161
75	30	122	158	125	113	126
85	12	100	125	92	81	100
90	9	93	116	83	76	
95	9	88	116	81	82	91
105	10	82	119	92	95	91
115	10	79	123	101	108	90
125	10	74	124	108	115	83
135	7	65	119	114	125	70
145	5	51	103	111	126	52
155	5	33	74	90	107	29
165	3	16	36	53	62	10
175	3	4	7	12	12	1
180	3	3	3	3	3	



CHARACTERISTICS				COEFFICIENTS OF UTILIZATION (%)												
RP1	None			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	292.2	0.0		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	471.9	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(°)	126.9	142.5			2	91	82	75	69	86	78	71	70	65	60	46
Indirect: Zenith Candela, Peak to Zenith	3.3	38.45			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	Standard	22.3	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 _{mh1}	91	90	100	-5%	8	55	41	33	27	51	39	31	36	29	24	19
120V: P(W), I(A), THD(%), PF	16.1	0.135	10.3	0.991	9	51	38	29	24	48	36	28	33	26	22	17
277V: P(W), I(A), THD(%), PF	16.3	0.062	14.4	0.947	10	47	34	27	22	45	33	26	30	24	19	15
347V: P(W), I(A), THD(%), PF	16.5	0.050	11.2	0.956	*Based on a floor reflectance of 0.2											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	306	16.5%	16.5%
0-40	523	28.3%	28.3%
0-60	944	51.1%	51.1%
0-90	1331	72.0%	72.0%
90-130	354	19.2%	19.2%
90-150	476	25.8%	25.8%
90-180	517	28.0%	28.0%
0-180	1847	100.0%	100.0%

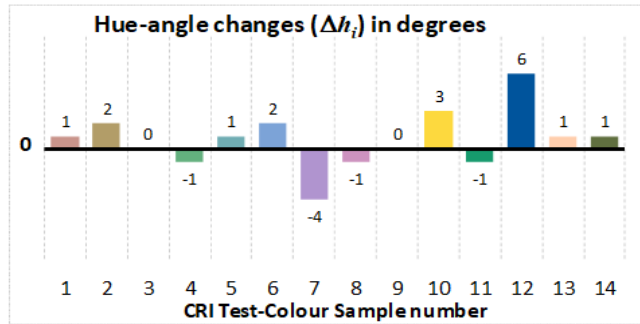
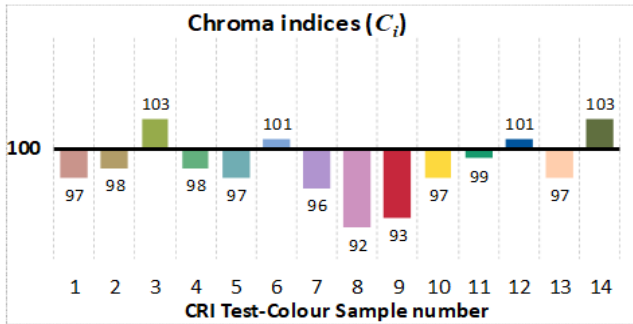
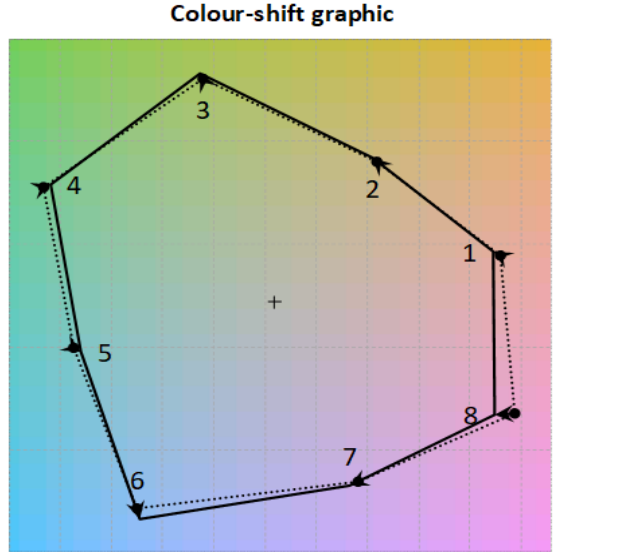
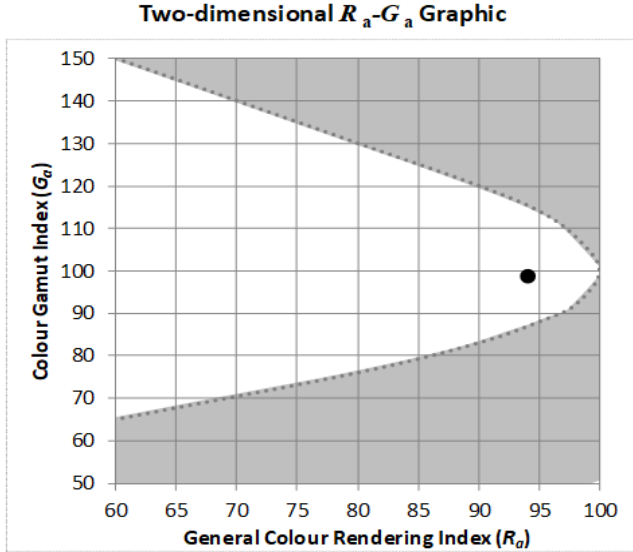
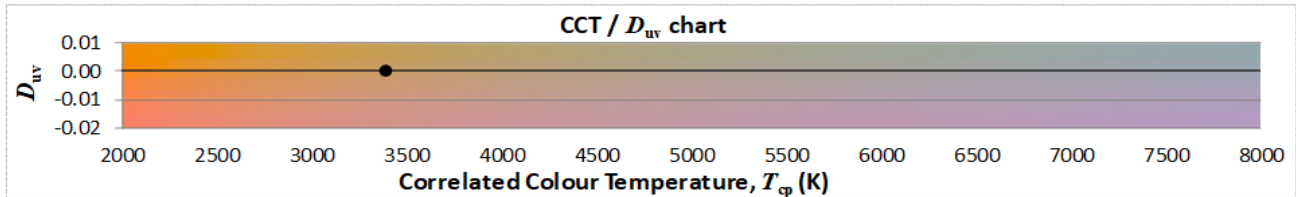
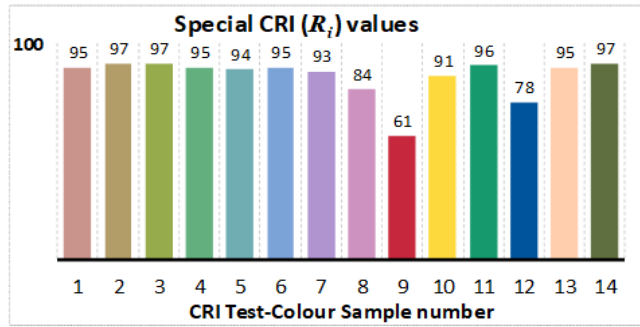
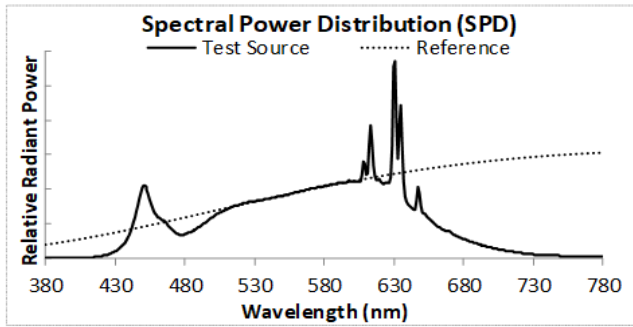


AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8690	8690	8690
5	8536	8604	8772
15	8118	9111	10053
25	7511	9381	10200
35	6619	8708	8782
45	5596	7449	6889
55	4513	6273	4919
65	3416	5162	3451
75	2531	4317	2521
85	1980	3949	2017

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		



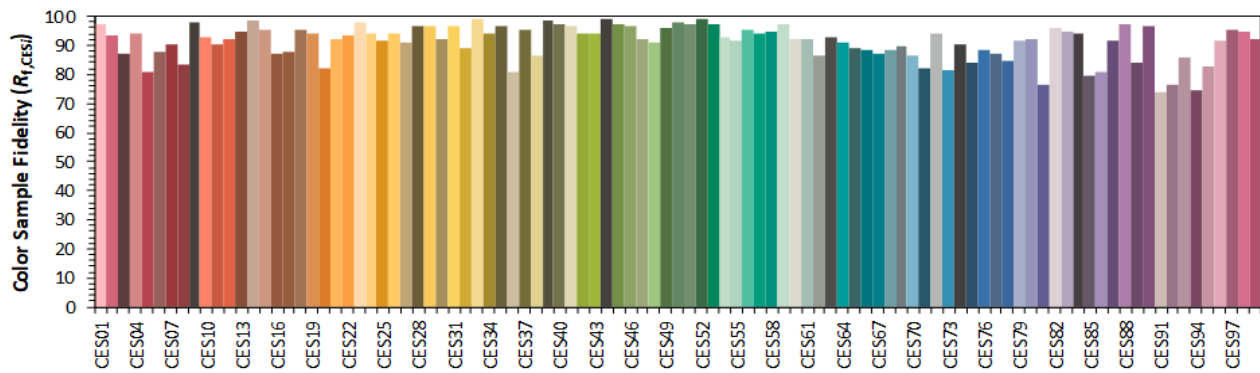
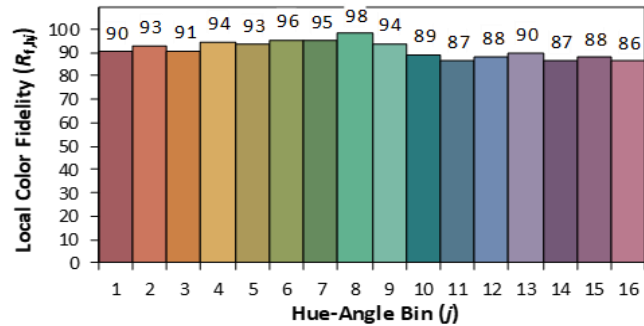
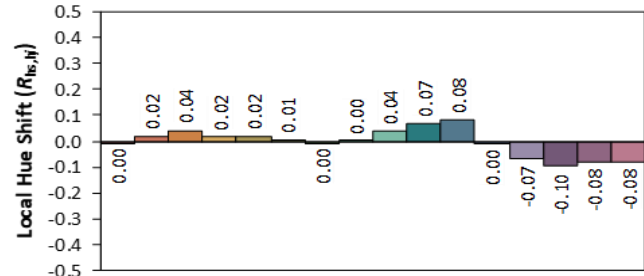
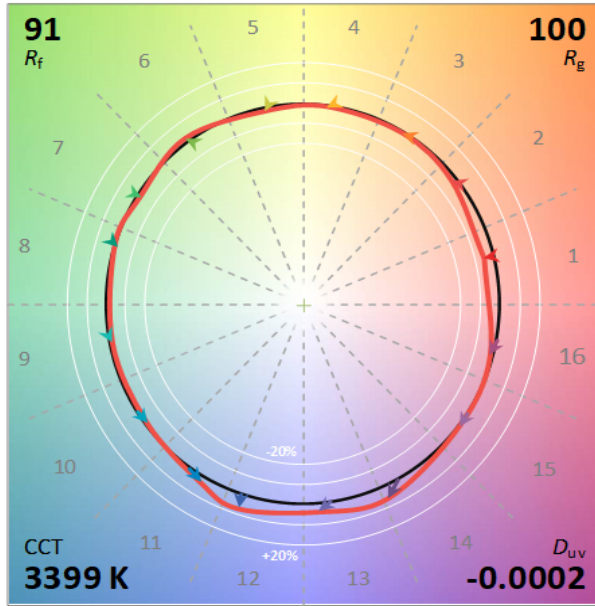
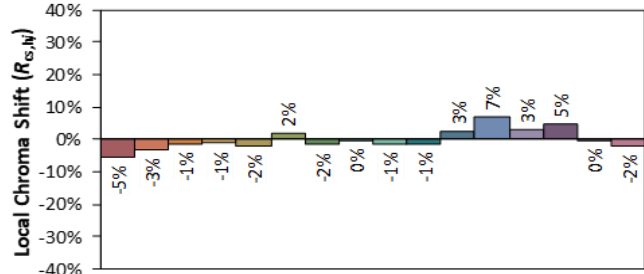
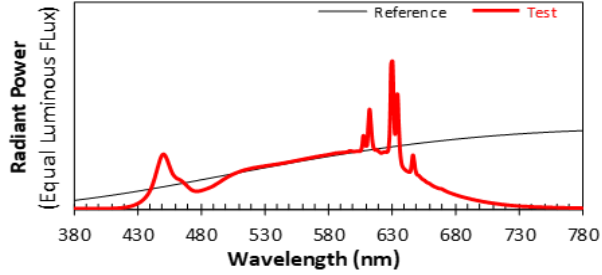
ANSI/IES TM-30-18 Color Rendition Report

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

