

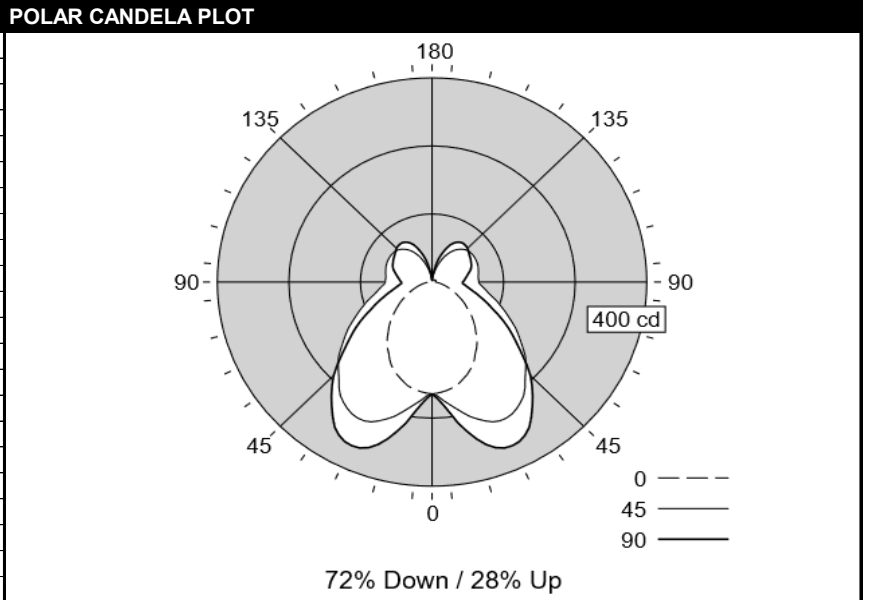
LEDALITE - MODIFY



by @ignify

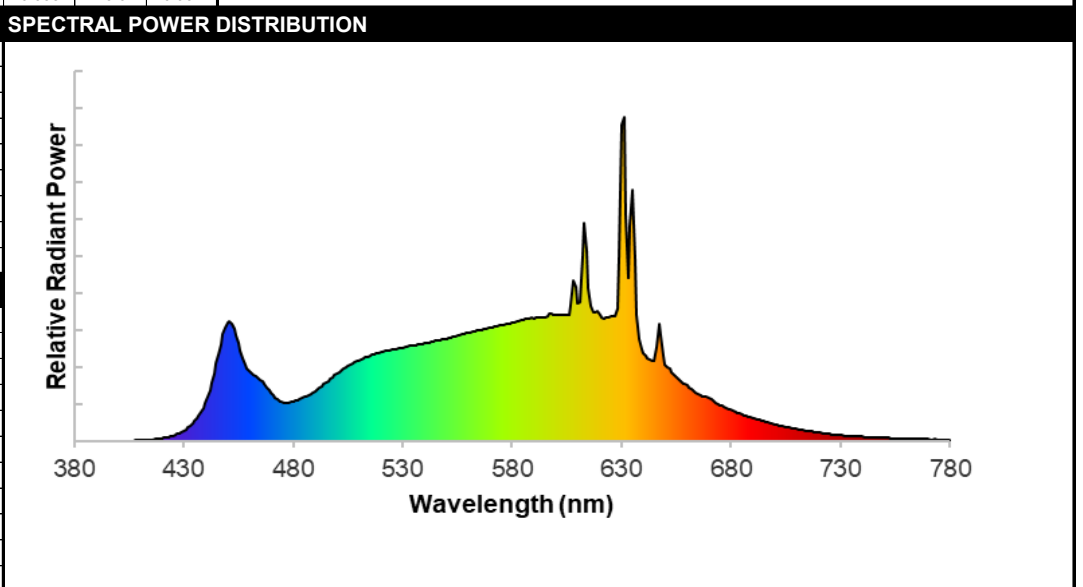
TEST DATE:	20 Apr 2020	CATALOG NO:	MFxSL93515QN04
Lamp Type:	LED	Description:	MODIFY SUSPENDED 4FT 1500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1385 lm 100%
Input Watts:	277 VAC 12.2	Up/Dn Ratio, Efficacy (lm/W):	72% Down / 28% Up 113.5
CIE-IES Classification:	Semi-Direct	Report:	LNG00822

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	219	219	219	219	219	
5	216	222	232	243	242	23
15	203	229	273	310	318	76
25	180	226	300	342	354	130
35	146	210	288	314	323	163
45	110	178	247	258	259	167
55	75	140	202	189	184	148
65	44	112	156	133	124	121
75	23	91	118	94	85	95
85	9	75	94	69	61	75
90	7	70	87	62	57	
95	7	66	87	61	61	68
105	8	61	89	69	71	68
115	8	59	92	76	81	67
125	7	56	93	81	86	62
135	6	49	89	85	93	53
145	4	39	77	84	95	39
155	3	25	55	68	80	22
165	2	12	27	40	46	8
175	3	3	5	9	9	1
180	2	2	2	2	2	



CHARACTERISTICS				COEFFICIENTS OF UTILIZATION (%)												
RP1	None			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	219.1	0.0		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	353.9	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	96.5	180.0	180.0	1	101	95	90	86	95	90	86	81	77	74	56
Indirect: Peak Candela & Angle(°)	95.2	142.5			2	91	82	75	69	86	78	71	70	65	60	46
Indirect: Zenith Candela, Peak to Zenith	2.4	39.67			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	N/A	19.2	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	12.0	0.100	13.0	0.987	9	51	38	29	24	48	36	28	33	26	22	17
277V: P(W), I(A), THD(%), PF	12.2	0.048	17.4	0.913	10	47	34	27	22	45	33	26	30	24	19	15
347V: P(W), I(A), THD(%), PF	12.4	0.038	13.0	0.934	*Based on a floor reflectance of 0.2											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	229	16.5%	16.5%
0-40	392	28.3%	28.3%
0-60	708	51.1%	51.1%
0-90	998	72.0%	72.0%
90-130	266	19.2%	19.2%
90-150	357	25.8%	25.8%
90-180	387	28.0%	28.0%
0-180	1385	100.0%	100.0%

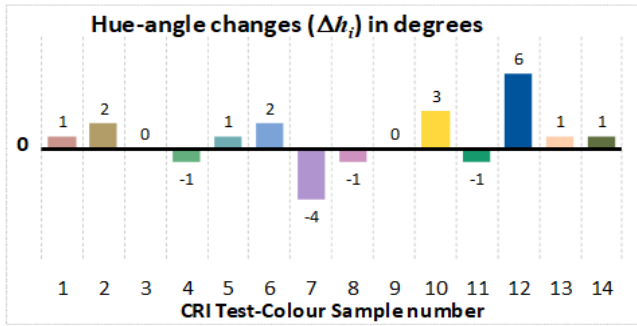
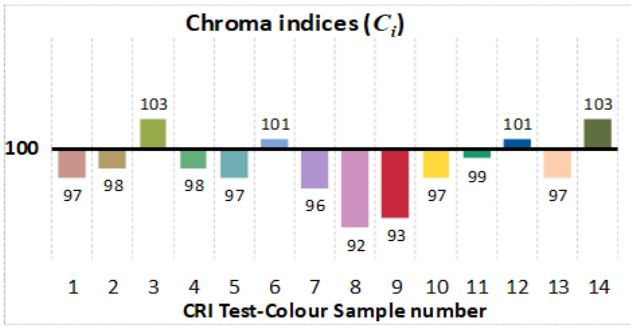
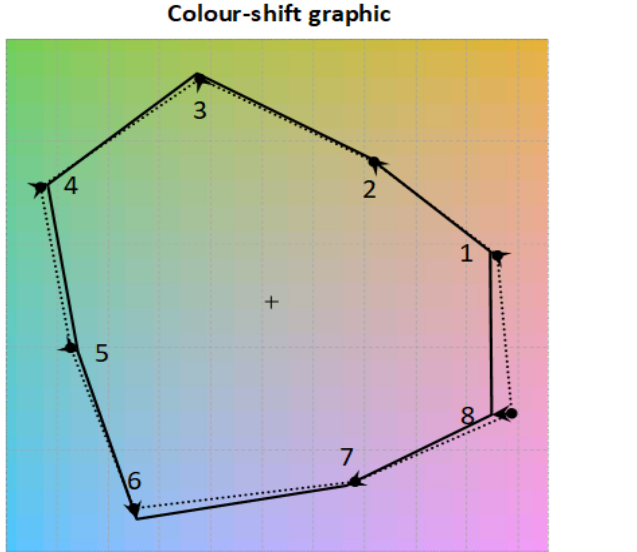
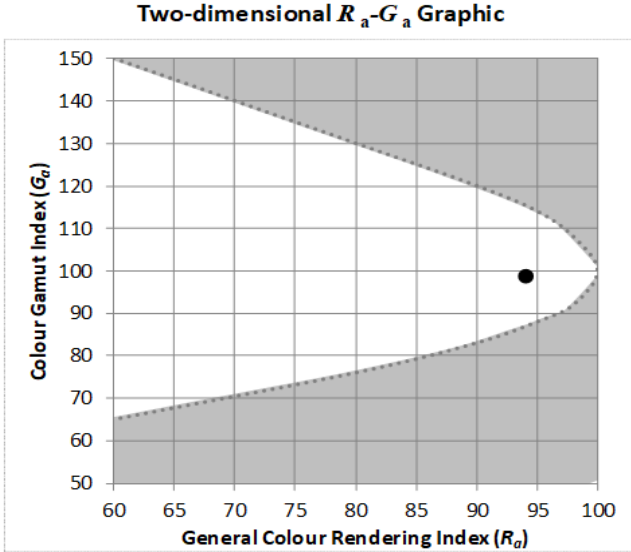
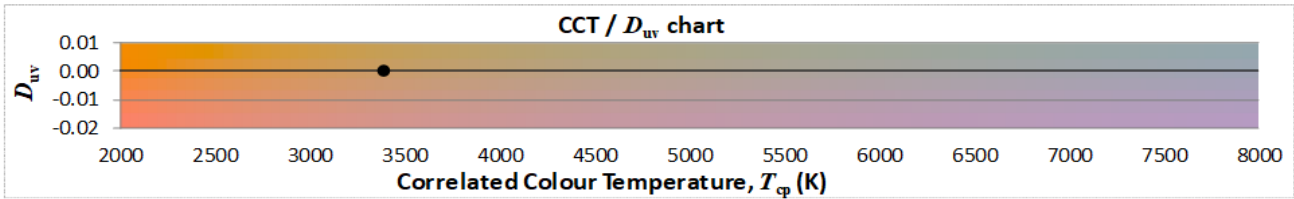
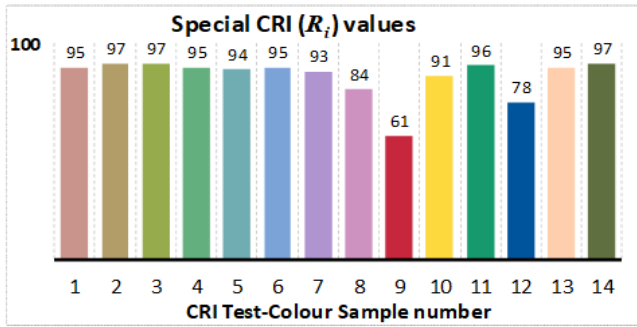
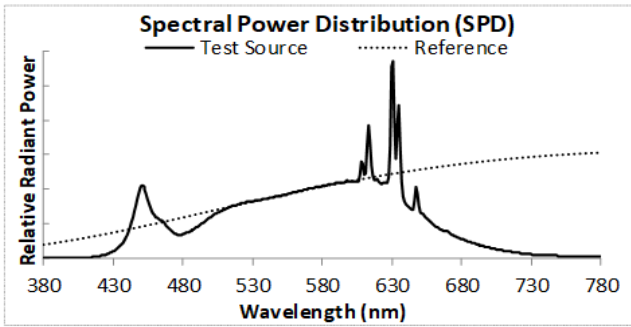


AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3299	3299	3299
5	3255	3277	3331
15	3122	3487	3817
25	2915	3604	3873
35	2596	3358	3334
45	2224	2882	2616
55	1824	2436	1868
65	1421	2013	1310
75	1107	1692	957
85	1020	1557	765

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		



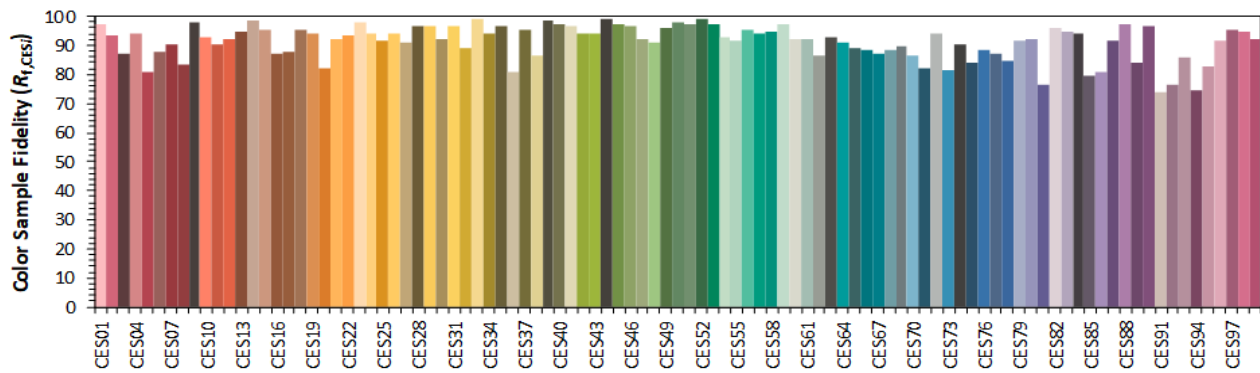
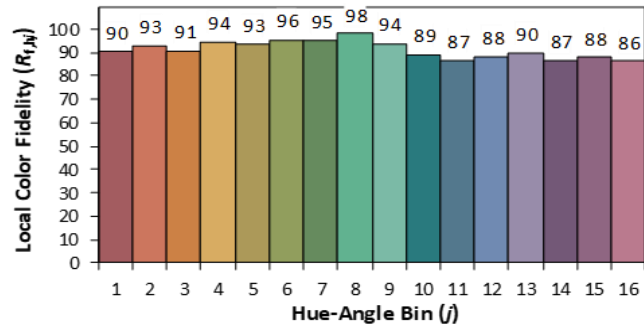
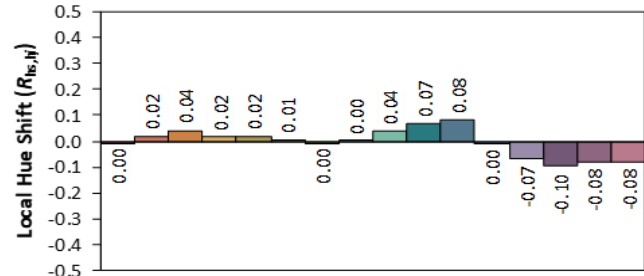
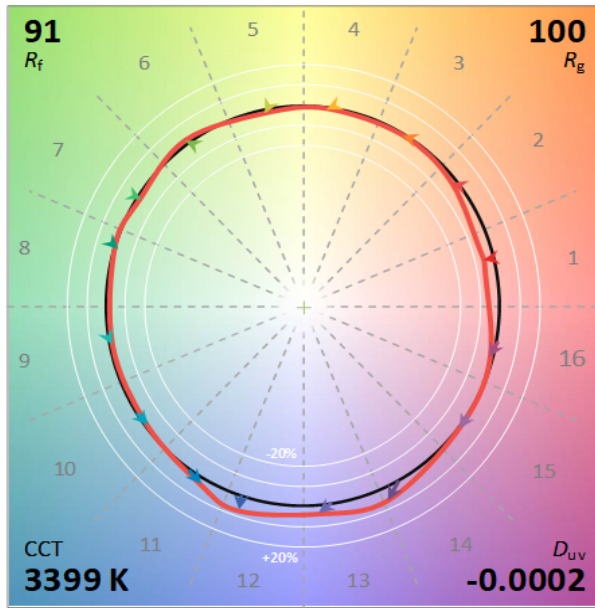
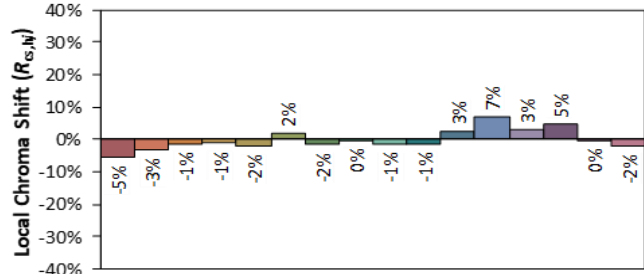
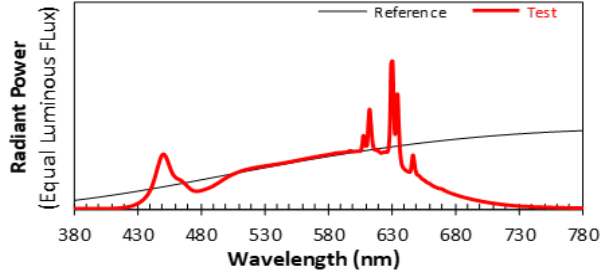
ANSI/IES TM-30-18 Color Rendition Report

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

