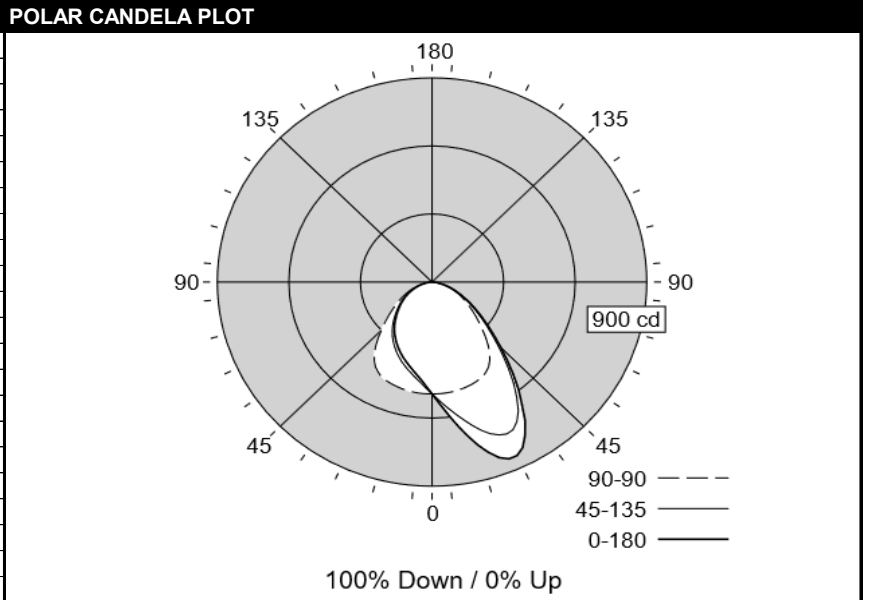


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L93515WN

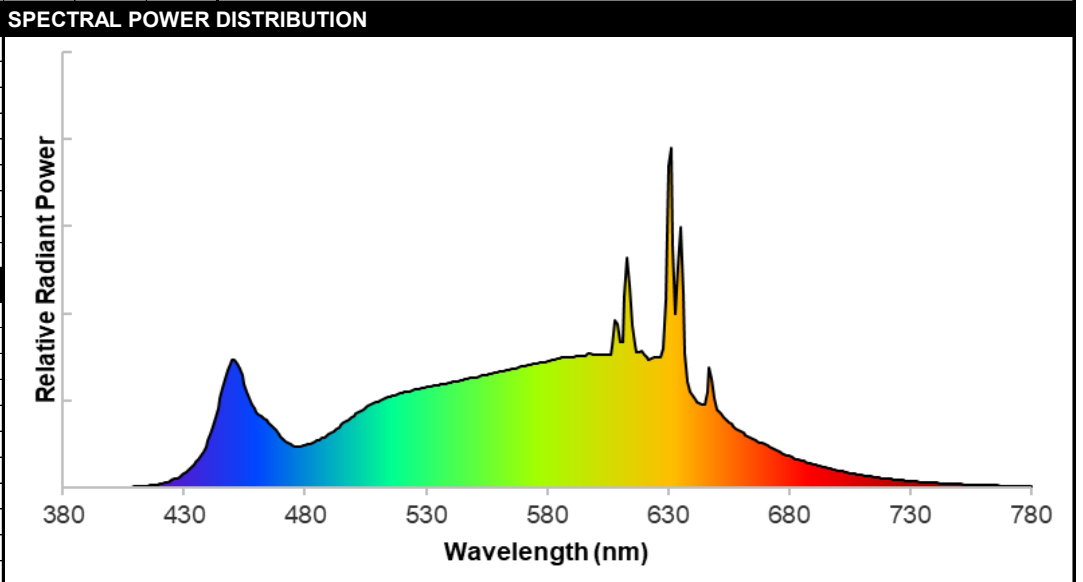
Lamp Type:	LED	Description:	DIRECT MESO 1500LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1323 lm 100%
Input Watts:	277 VAC 14.7	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 90.0
CIE-IES Classification:	Direct	Report:	LNG01335

	Flux					
	0	45	90	135	180	Lumens
0	493	493	493	493	493	
5	562	541	493	454	442	48
15	745	655	487	398	379	149
25	844	740	472	347	328	245
35	656	619	422	289	274	278
45	408	387	300	223	212	236
55	240	229	195	162	155	176
65	133	130	120	106	102	117
75	60	58	55	53	52	60
85	11	10	11	12	13	14
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	



CHARACTERISTICS				COEFFICIENTS OF UTILIZATION (%)												
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	844.0	22.5		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (180°)	493.4	0.0		RCR												
Spacing Criteria (0°, 90°, 180°)	1.66	1.34	0.92	0	119	119	119	119	116	116	116	111	111	111	100	
Beam (H, V), Field (H, V)	72.2	52.2	138.0	140.1	1	110	106	102	98	107	103	100	99	96	94	86
Indirect: Peak Candela & Angle(°)	N/A	N/A			2	101	94	87	82	98	92	86	88	83	79	74
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A			3	93	83	76	70	90	82	75	79	73	68	64
Luminous Width, Length, Height (ft)	4.00	0.25	0.00		4	86	74	66	60	83	73	66	71	64	59	55
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	19.9	0.578		5	79	67	59	52	77	66	58	64	57	52	48
x, y, CCT, D _{uv}	0.4070	0.3906	3462	-0.0004	6	73	61	52	46	71	60	52	58	51	46	43
CRI (R _a), R _g , G _a , C _g	93	59	99	93	7	68	55	47	41	66	55	47	53	46	41	38
TM-30-18 R _f , R _{h1} , R _g , R _{mh1}	91	90	99	-6%	8	64	51	43	37	62	50	42	49	42	37	34
120V: P(W), I(A), THD(%), PF	14.5	0.122	11.0	0.991	9	59	47	39	33	58	46	38	45	38	33	31
277V: P(W), I(A), THD(%), PF	14.7	0.056	15.5	0.940	10	56	43	35	30	55	43	35	42	35	30	28
347V: P(W), I(A), THD(%), PF	14.7	0.045	13.2	0.944	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	442	33.4%	33.4%
0-40	720	54.4%	54.4%
0-60	1132	85.6%	85.6%
0-90	1323	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	1323	100.0%	100.0%

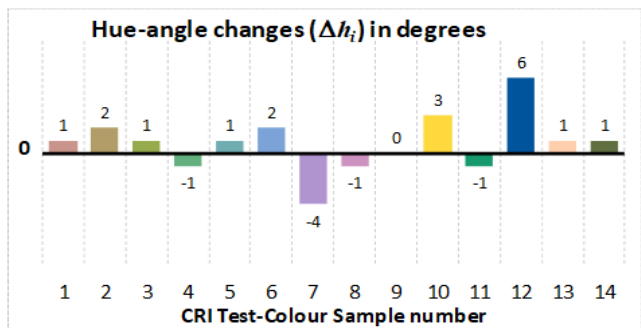
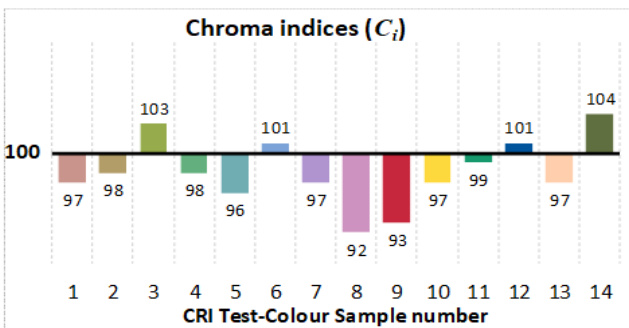
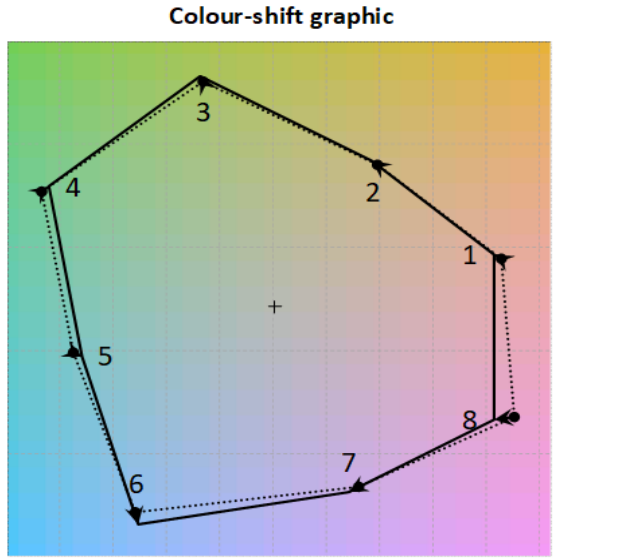
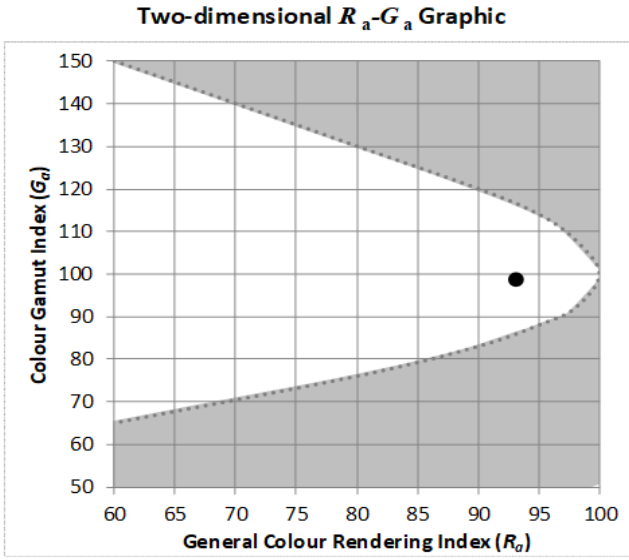
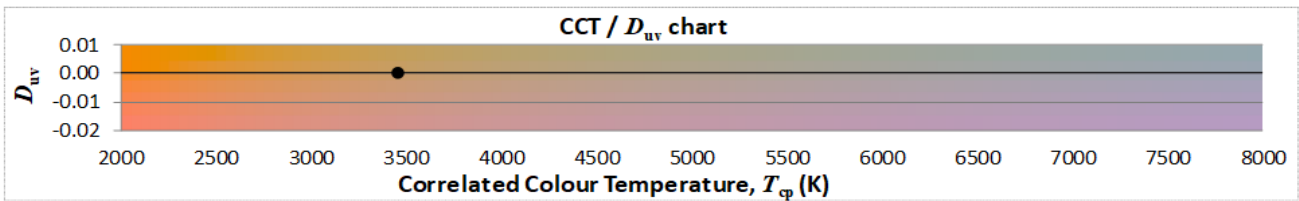
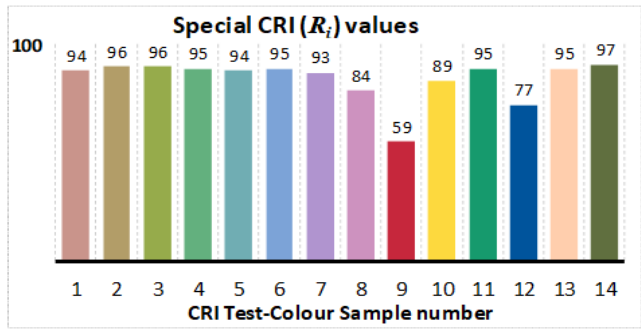
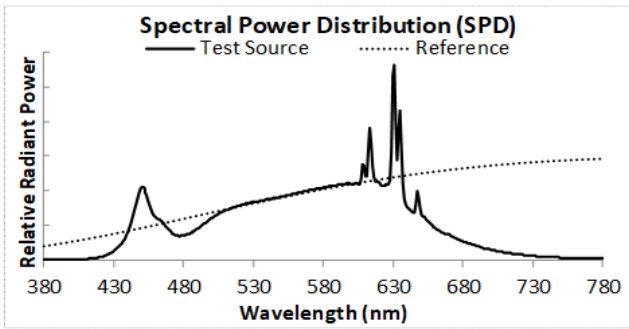


	0	90	180
0	5309	5309	5309
5	6067	5329	4775
15	8295	5428	4220
25	10020	5607	3889
35	8618	5543	3603
45	6207	4571	3226
55	4504	3656	2902
65	3376	3045	2584
75	2507	2299	2170
85	1370	1370	1617

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

Test Number:	T20201107	Manufacturer:	Ledalite by Signify
Date:	27 Aug 2020	Model:	TruGroove Suspended

Correlated Colour Temperature (T_{cp}) in K	3462	CIE1931 chromaticity coordinate, x	0.4070
Distance to Blackbody Locus (D_{uv})	-0.0004	CIE1931 chromaticity coordinate, y	0.3906
General Colour Rendering Index (R_a)	93	CIE1976 chromaticity coordinate, u'	0.2369
Red Rendering Index (R_9)	59	CIE1976 chromaticity coordinate, v'	0.5115
Colour Gamut Index (G_a)	99		
Red Chroma Index (C_9)	93		



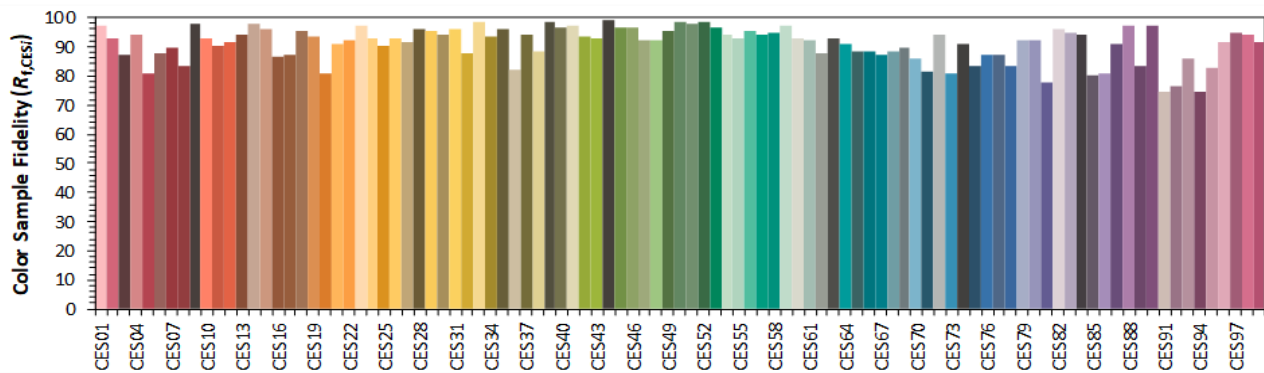
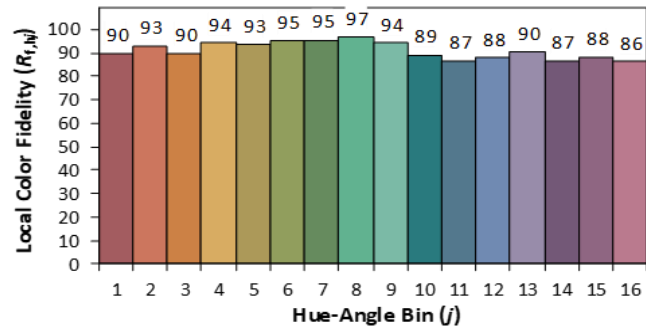
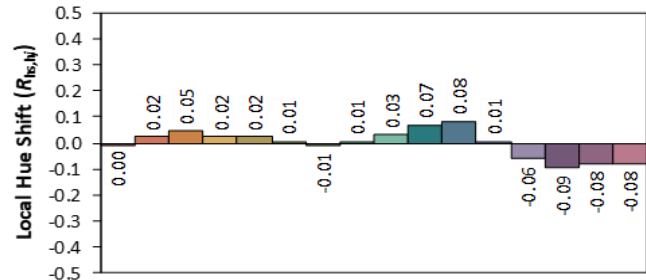
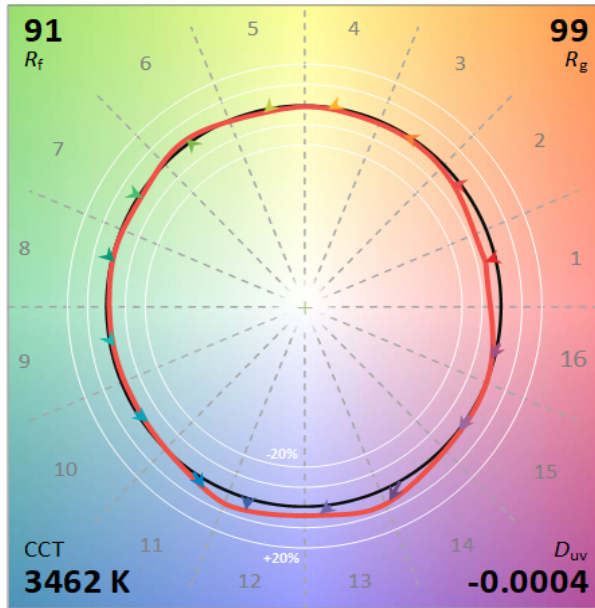
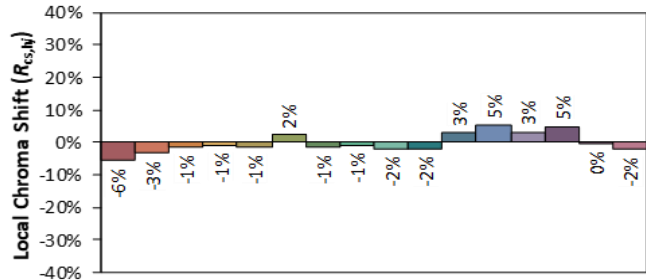
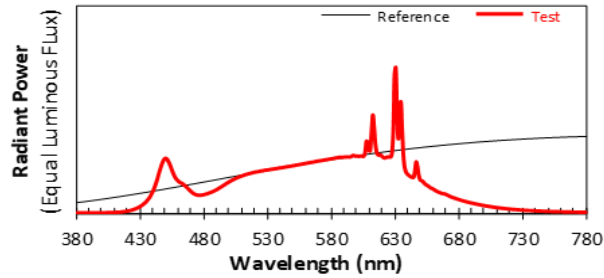
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201107

Manufacturer: Ledalite by Signify

Date: 27 Aug 2020

Model: TruGroove Suspended



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

x 0.4070

y 0.3906

u' 0.2369

v' 0.5115

