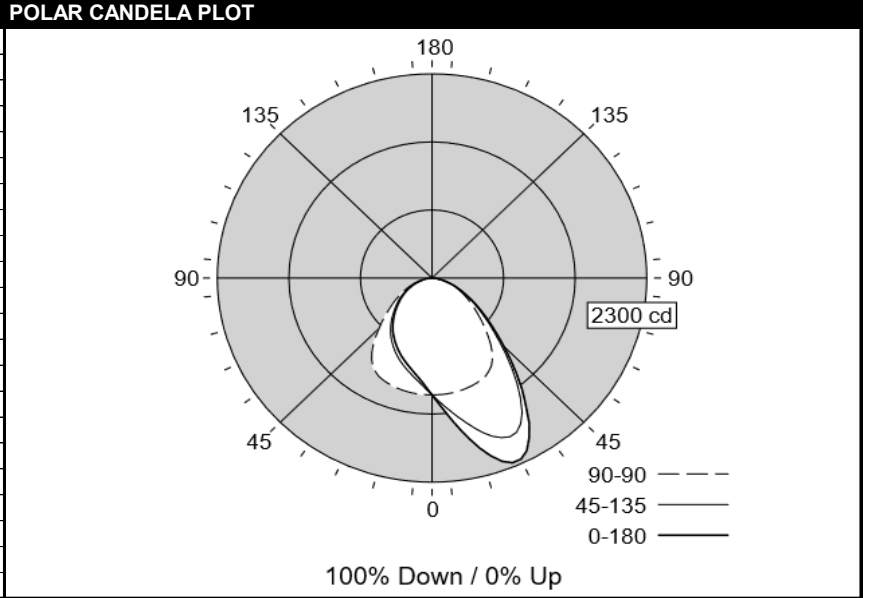


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L93040WN

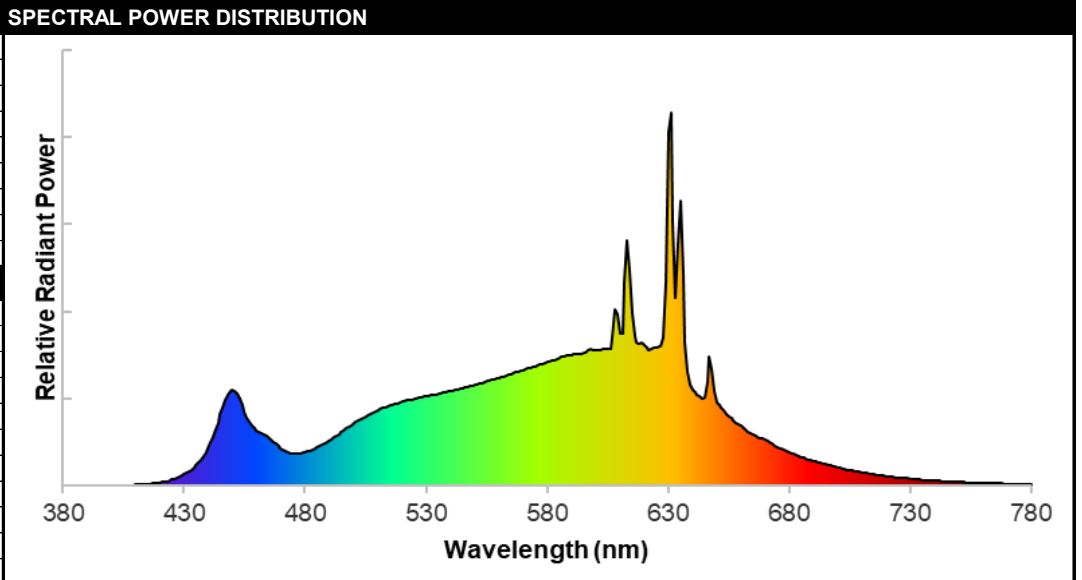
Lamp Type:	LED	Description:	DIRECT MESO 4000LM 930
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3532 lm 100%
Input Watts:	120 VAC 42.0	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 84.1
CIE-IES Classification:	Direct	Report:	LNG01349

	Flux					
	0	45	90	135	180	Lumens
0	1317	1317	1317	1317	1317	
5	1499	1443	1317	1212	1180	128
15	1987	1748	1301	1062	1011	398
25	2253	1974	1260	925	874	654
35	1751	1652	1126	772	732	743
45	1089	1032	802	595	566	630
55	641	611	520	432	413	469
65	354	346	319	282	271	313
75	161	156	148	142	139	159
85	30	27	30	32	35	38
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	



RP1	None			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	2252.5	22.5		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (180°)	1316.6	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	65	71	64	59	55
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	23.3	0.505		5	79	67	59	52	77	66	58	64	57	52	48
x, y, CCT, D _{uv}	0.4325	0.4005	3047	-0.0008	6	73	61	52	46	71	60	52	58	51	46	43
CRI (R _a), R _g , G _a , C _g	93	57	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	100	-5%	8	64	51	43	37	62	50	42	49	42	37	34
120V: P(W), I(A), THD(%), PF	42.0	0.351	7.2	0.996	9	59	47	39	33	58	46	38	45	38	33	31
277V: P(W), I(A), THD(%), PF	41.7	0.155	11.2	0.968	10	56	43	35	30	55	43	35	42	35	30	28
347V: P(W), I(A), THD(%), PF	41.3	0.122	7.4	0.977	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	1179	33.4%	33.4%
0-40	1922	54.4%	54.4%
0-60	3022	85.6%	85.6%
0-90	3532	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	3532	100.0%	100.0%

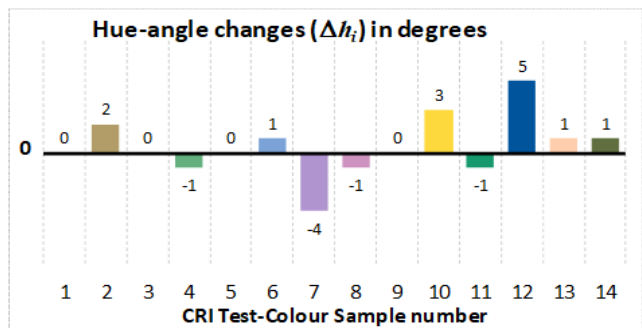
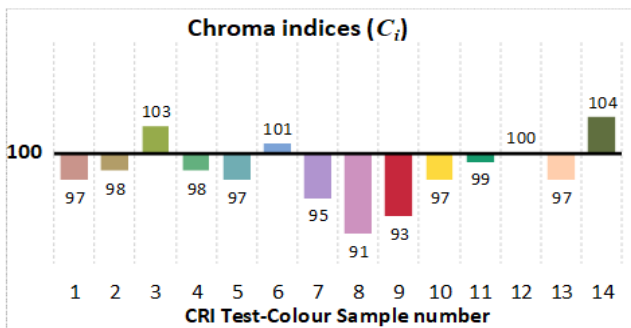
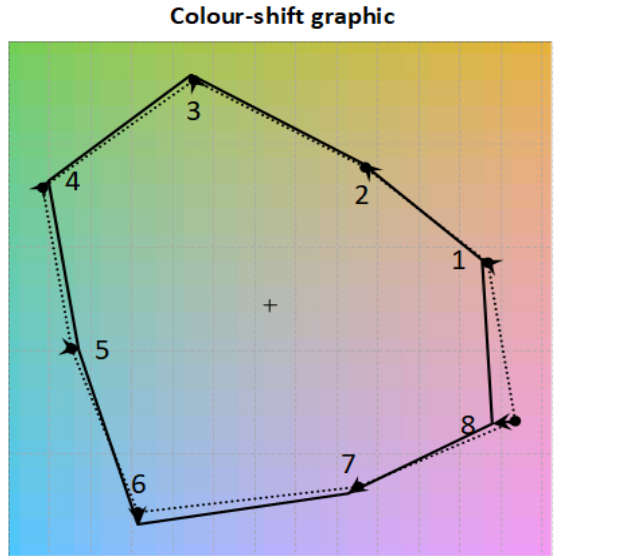
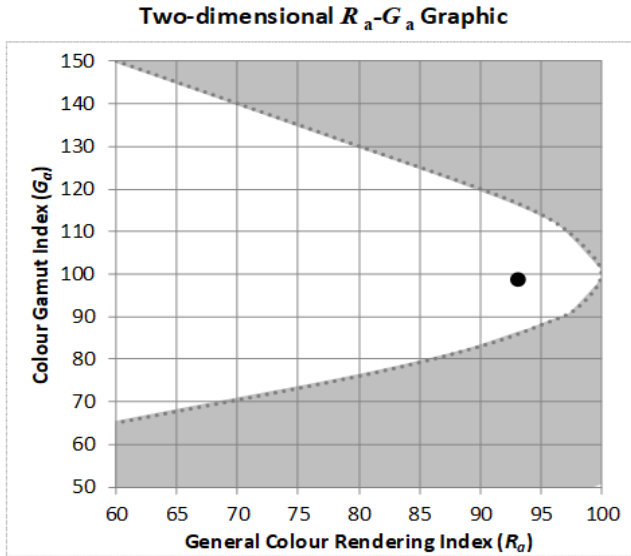
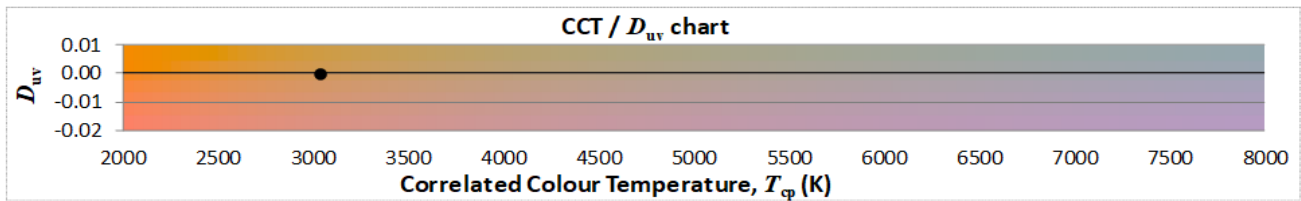
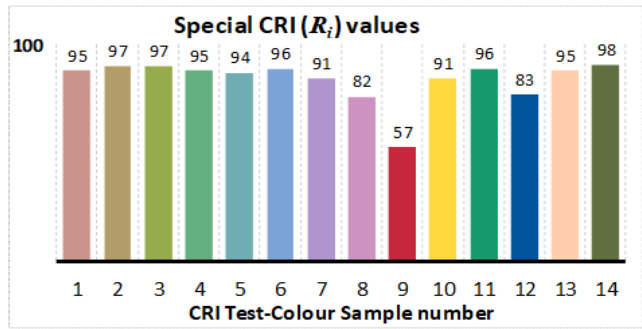
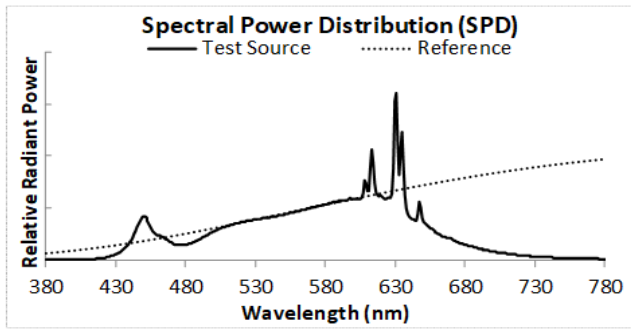


	0	90	180
0	14167	14167	14167
5	16191	14221	12744
15	22134	14487	11261
25	26742	14963	10379
35	23000	14793	9617
45	16567	12201	8610
55	12023	9759	7748
65	9013	8124	6895
75	6689	6132	5795
85	3642	3642	4309

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

Test Number:	T20201106	Manufacturer:	Ledalite by Signify
Date:	27 Aug 2020	Model:	TruGroove Suspended

Correlated Colour Temperature (T_{cp}) in K	3047	CIE1931 chromaticity coordinate, x	0.4325
Distance to Blackbody Locus (D_{uv})	-0.0008	CIE1931 chromaticity coordinate, y	0.4005
General Colour Rendering Index (R_a)	93	CIE1976 chromaticity coordinate, u'	0.2492
Red Rendering Index (R_9)	57	CIE1976 chromaticity coordinate, v'	0.5193
Colour Gamut Index (G_a)	99		
Red Chroma Index (C_9)	93		



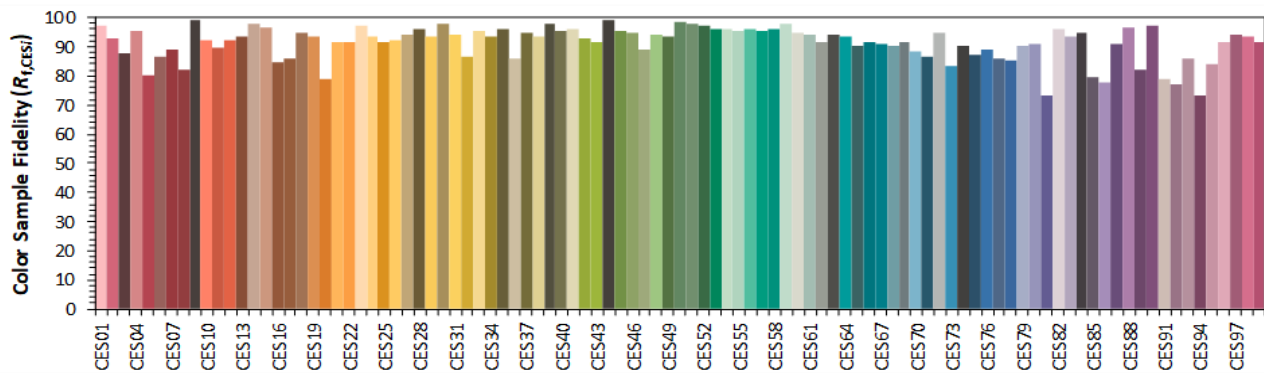
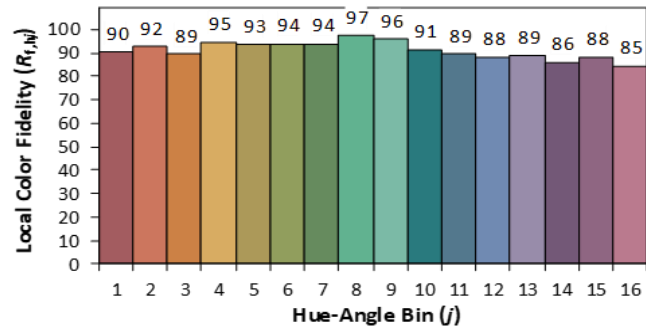
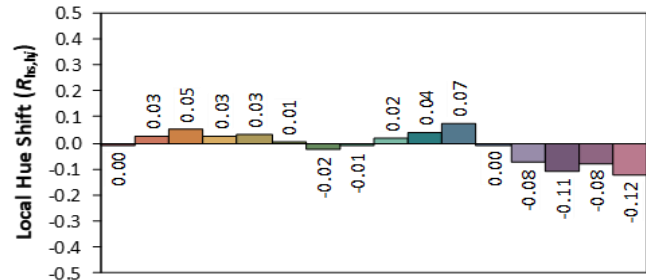
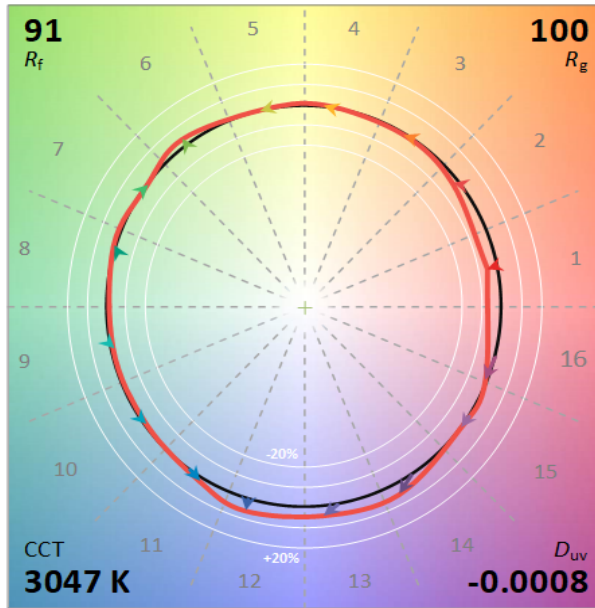
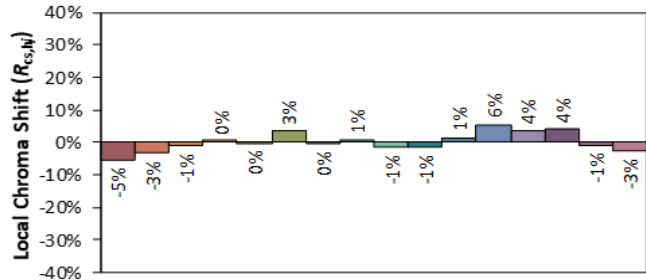
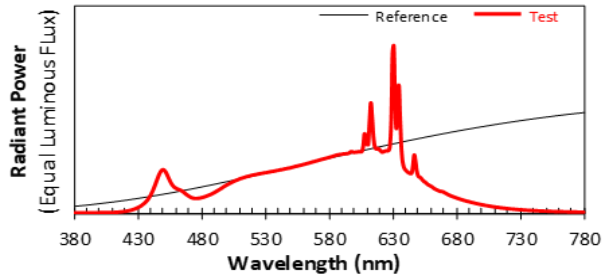
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201106

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 0.4325

y 0.4005

u' 0.2492

v' 0.5193

