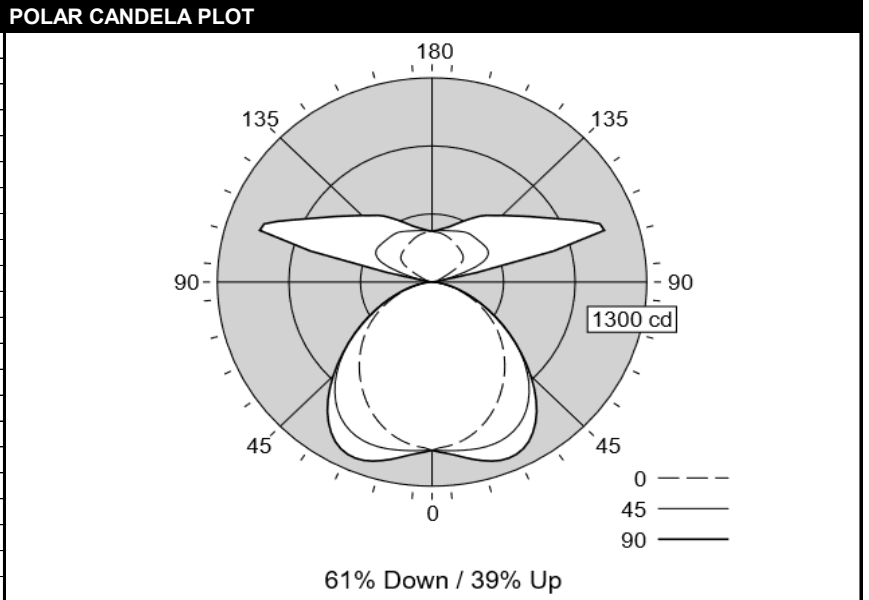


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x6L93052QQ

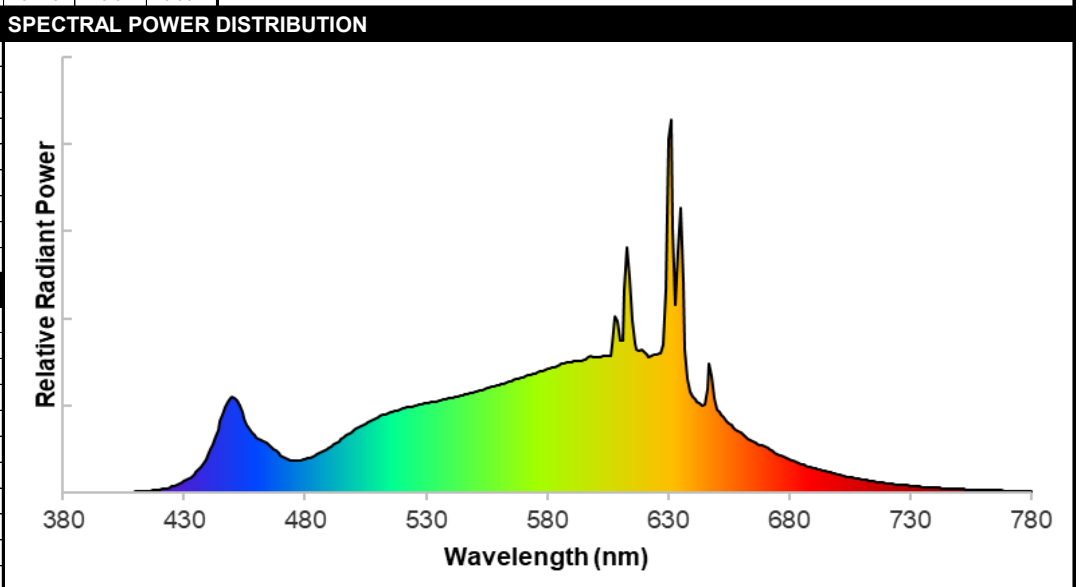
Lamp Type:	LED	Description:	MESO 60%DN 5200LM 930
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5036 lm 100%
Input Watts:	277 VAC 47.5	Up/Dn Ratio, Efficacy (lm/W):	61% Down / 39% Up 106.0
CIE-IES Classification:	Semi-Direct	Report:	LNG01249

	Flux					
	0	22.5	45	67.5	90	Lumens
0	1072	1072	1072	1072	1072	
5	1051	1066	1078	1090	1097	103
15	994	1033	1097	1154	1177	309
25	890	960	1084	1178	1210	492
35	757	843	996	1077	1093	599
45	611	687	815	851	846	593
55	455	500	575	579	570	484
65	286	303	335	332	327	318
75	130	135	146	146	145	152
85	24	24	27	28	28	33
90	0	0	0	0	0	
95	8	11	10	12	13	14
105	31	40	135	576	762	269
115	82	121	366	721	935	426
125	220	261	394	619	727	390
135	258	290	385	535	599	318
145	272	304	379	473	513	243
155	290	313	357	404	423	166
165	308	321	338	356	361	96
175	319	324	327	331	331	31
180	324	324	324	324	324	



RP1	None			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	1071.8	0.0		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	1214.1	22.5		RCR												
Spacing Criteria (0°, 90°, 180°)	1.16	1.51	N/A	0	110	110	110	110	103	103	103	90	90	90	61	
Beam (H, V), Field (H, V)	107.3	94.2	154.0	149.8	1	101	96	93	89	94	90	87	79	77	74	52
Indirect: Peak Candela & Angle(°)	1093.7	107.5	2	92	84	78	73	86	79	74	70	66	62	52	44	
Indirect: Zenith Candela, Peak to Zenith	324.2	3.37	3	84	74	67	61	78	70	63	62	57	52	38		
Luminous Width, Length, Height (ft)	0.25	4.00	0.00	4	77	66	58	52	72	62	55	55	49	45	32	
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	20.1	0.505	5	71	59	51	45	66	55	48	49	43	39	28	
x, y, CCT, D _{uv}	0.4325	0.4005	3047	-0.0008	6	65	53	45	39	61	50	42	44	38	25	
CRI (R _a), R _g , G _a , C _g	93	57	99	93	7	60	48	40	34	56	45	38	40	34	22	
TM-30-18 R _f , R _{h1} , R _g , R _{mh1}	91	90	100	-5%	8	56	43	36	30	52	41	34	37	31	19	
120V: P(W), I(A), THD(%), PF	47.4	0.397	8.8	0.994	9	52	40	32	27	49	38	31	34	28	17	
277V: P(W), I(A), THD(%), PF	47.5	0.179	14.0	0.956	10	49	36	29	24	46	34	28	31	25	16	
347V: P(W), I(A), THD(%), PF	46.8	0.140	9.0	0.964	*Based on a floor reflectance of 0.2											

Zone	Lumens	%Fixture	%Lamp
0-30	904	17.9%	17.9%
0-40	1503	29.8%	29.8%
0-60	2580	51.2%	51.2%
0-90	3082	61.2%	61.2%
90-130	1099	21.8%	21.8%
90-150	1660	33.0%	33.0%
90-180	1953	38.8%	38.8%
0-180	5036	100.0%	100.0%

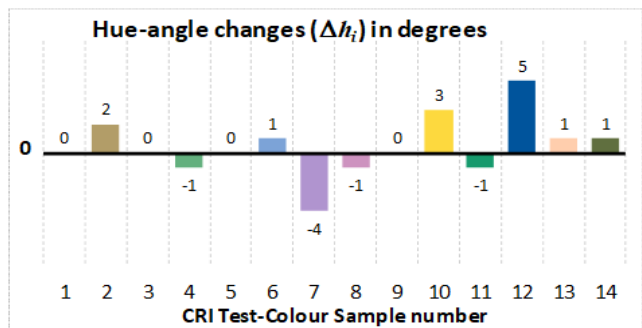
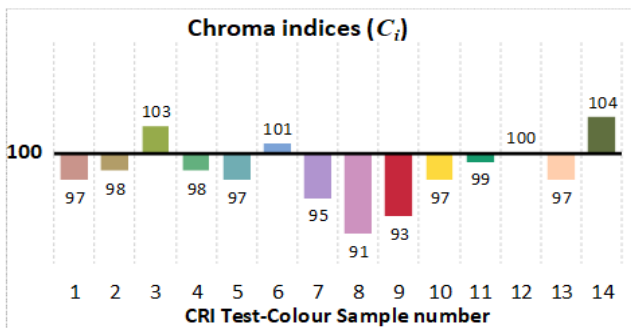
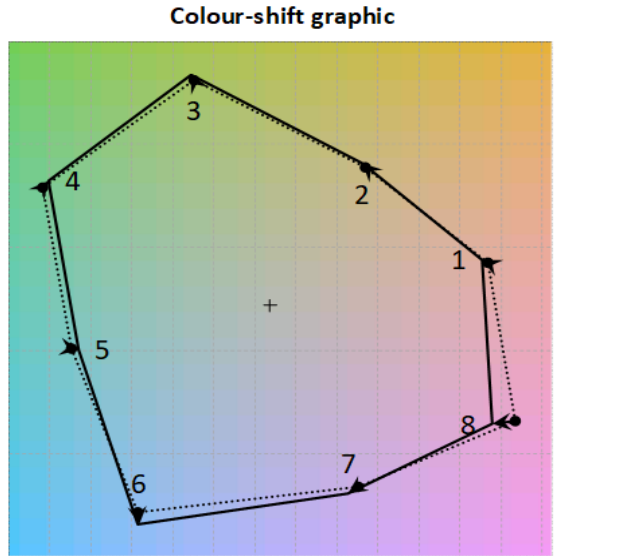
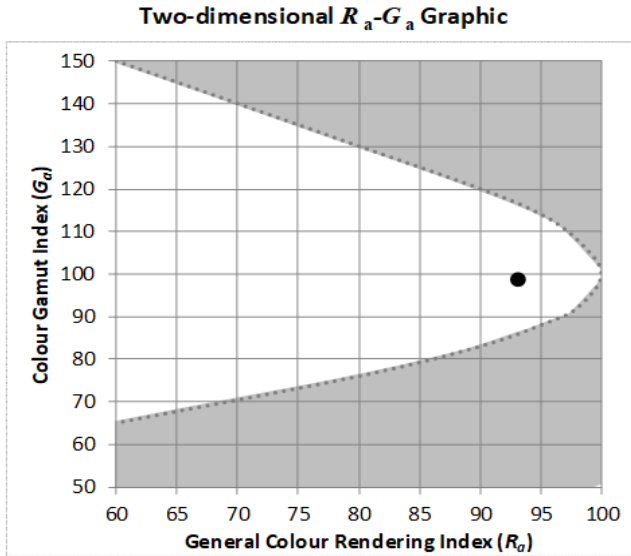
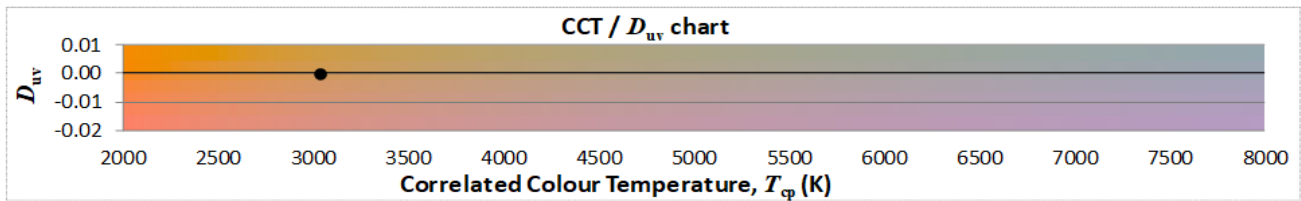
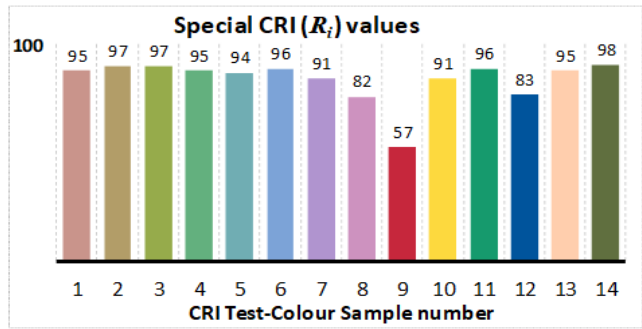
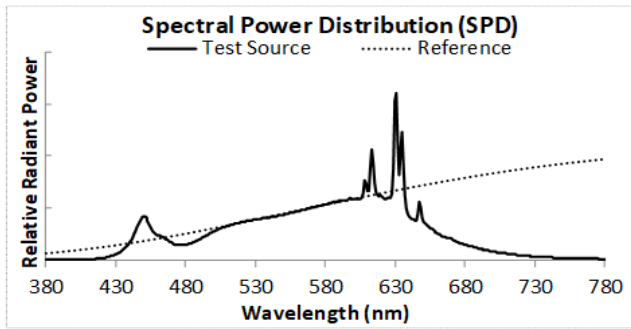


	0	45	90
0	11533	11533	11533
5	11349	11645	11846
15	11069	12220	13116
25	10570	12871	14368
35	9949	13078	14351
45	9295	12406	12874
55	8532	10785	10691
65	7292	8519	8326
75	5413	6053	6032
85	3000	3309	3457

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		



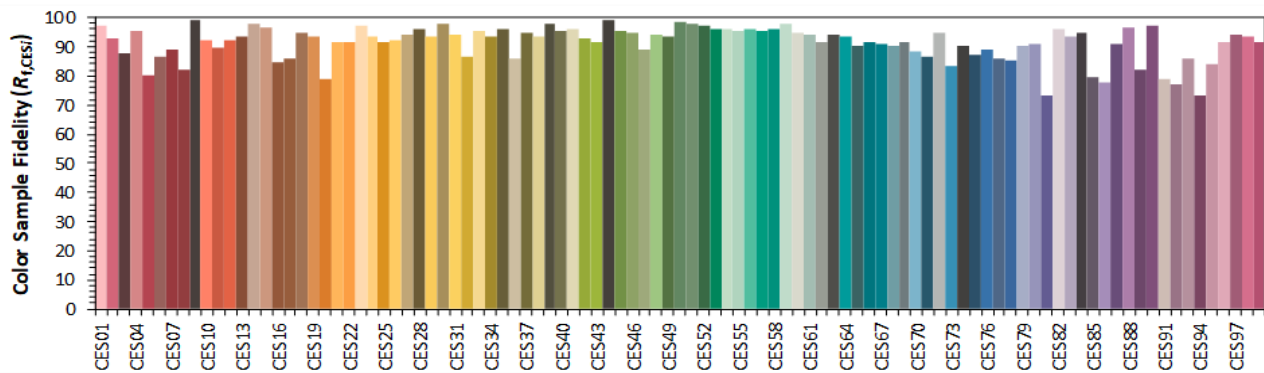
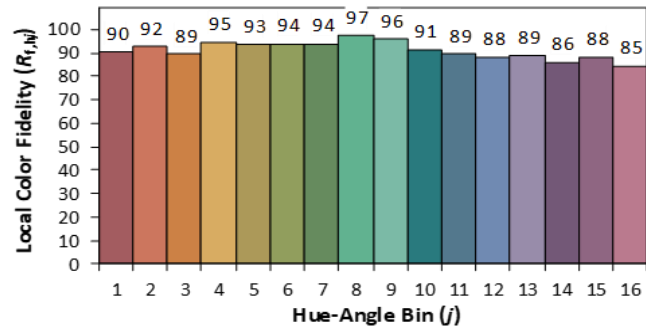
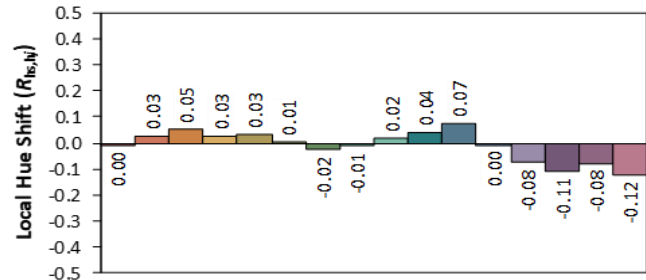
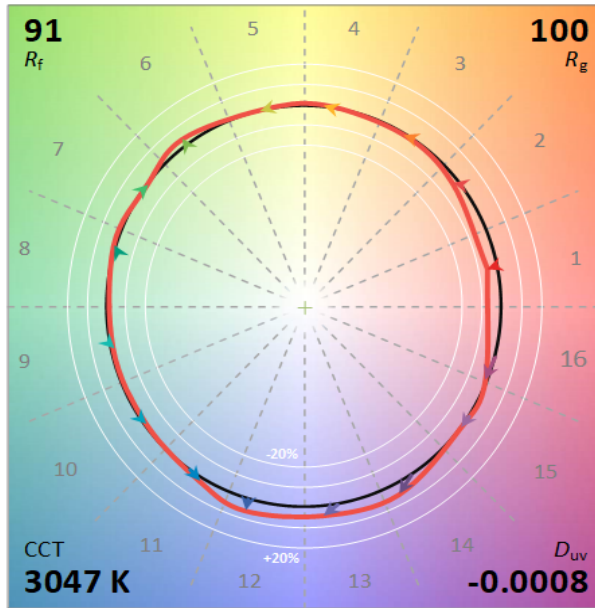
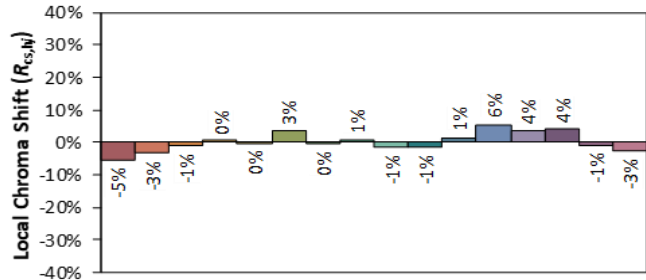
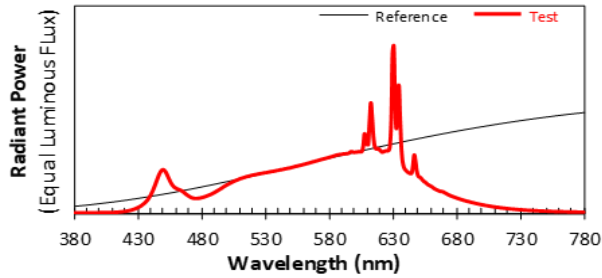
ANSI/IES TM-30-18 Color Rendition Report

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

