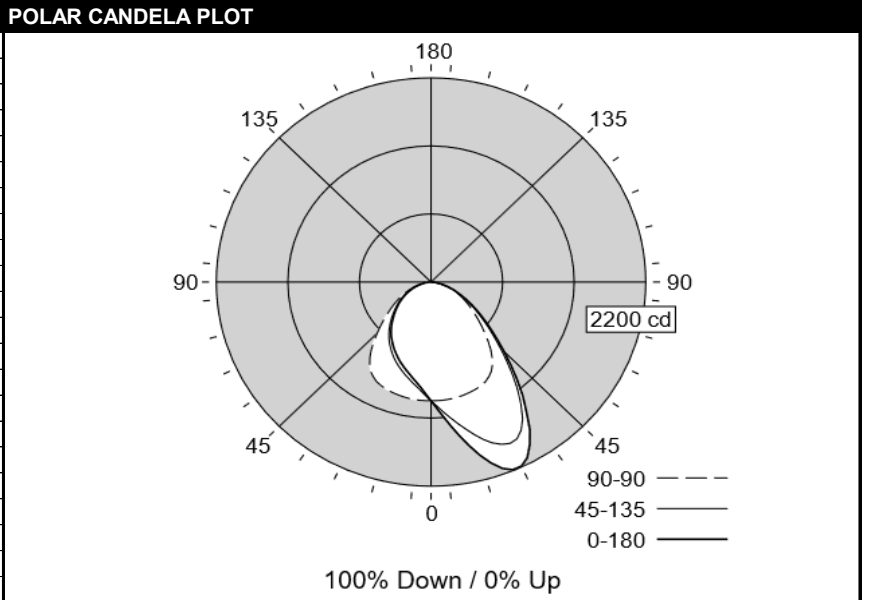


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L92740WN

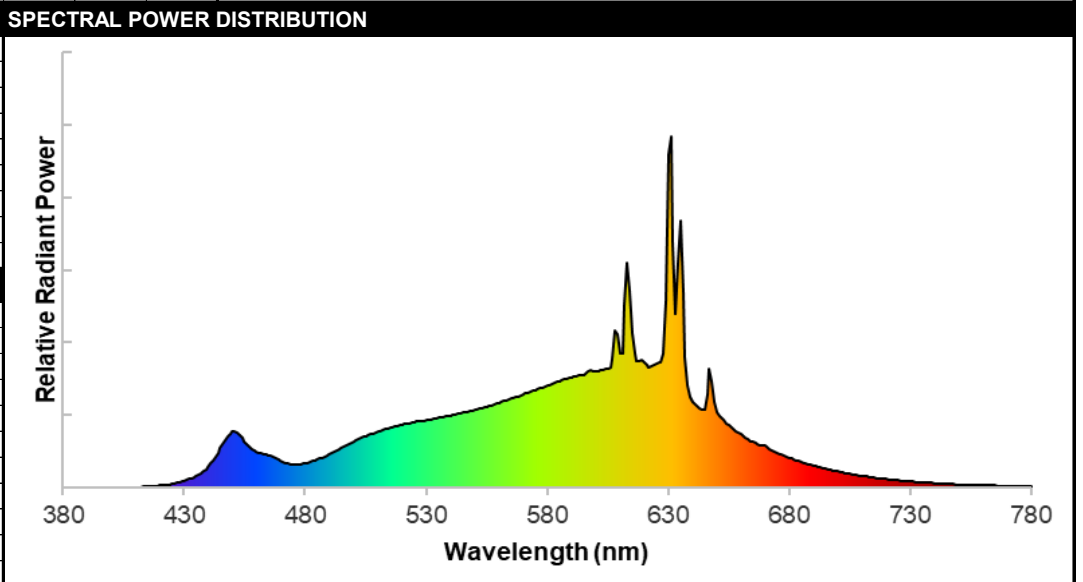
Lamp Type:	LED	Description:	DIRECT MESO 4000LM 927
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3434 lm 100%
Input Watts:	120 VAC 42.0	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 81.8
CIE-IES Classification:	Direct	Report:	LNG01348

CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	1280	1280	1280	1280	1280	
5	1458	1403	1280	1179	1147	124
15	1932	1700	1265	1033	983	387
25	2190	1919	1225	900	850	636
35	1703	1606	1095	751	712	723
45	1059	1004	780	579	550	613
55	623	595	506	420	402	456
65	344	336	310	274	263	305
75	156	151	143	138	136	155
85	29	26	29	31	34	37
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	None			Pc---	80				70			50			0	
Direct: Peak Candela & Angle (0°)	2190.1	22.5		Pw---	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (180°)	1280.2	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	23.2	0.445		5	79	67	59	52	77	66	58	64	57	52	48
x, y, CCT, D _{uv}	0.4580	0.4092	2715	-0.0004	6	73	61	52	46	71	60	52	58	51	46	43
CRI (R _a), R _g , G _a , C _g	94	55	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}	92	90	100	-6%	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											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	1146	33.4%	33.4%
0-40	1869	54.4%	54.4%
0-60	2938	85.6%	85.6%
0-90	3434	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	3434	100.0%	100.0%

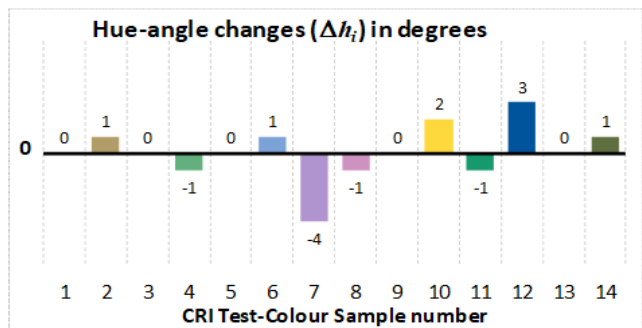
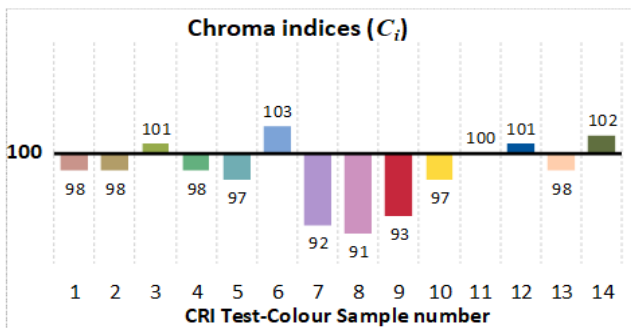
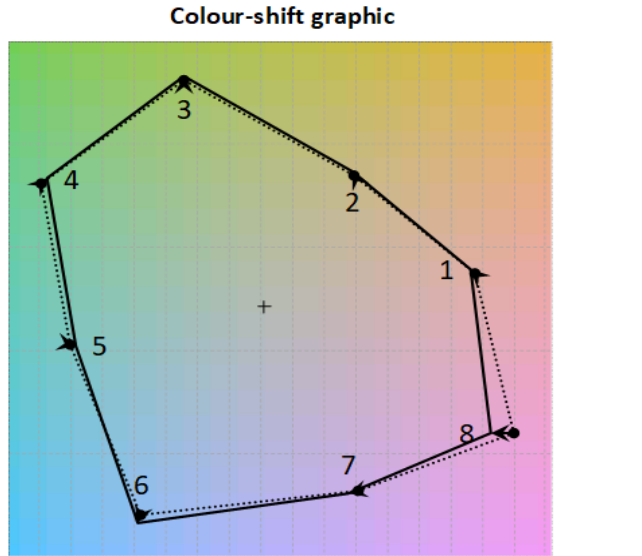
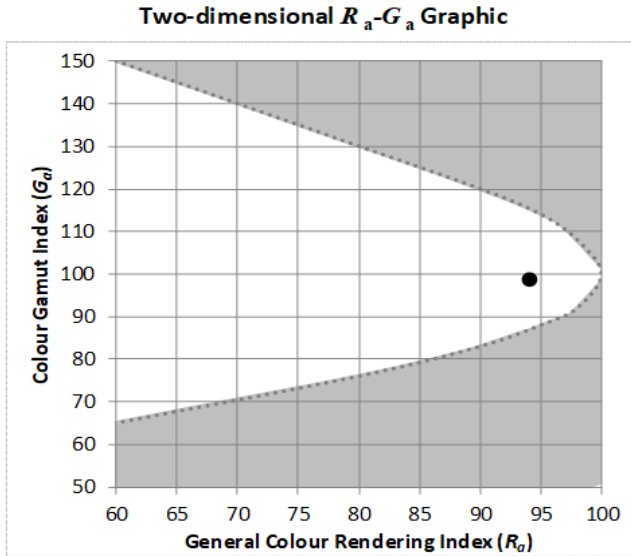
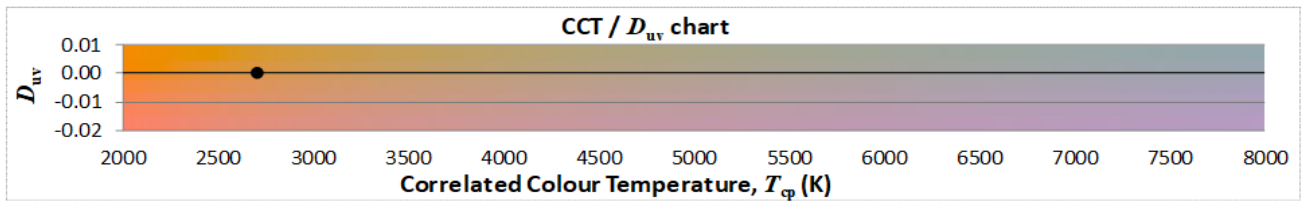
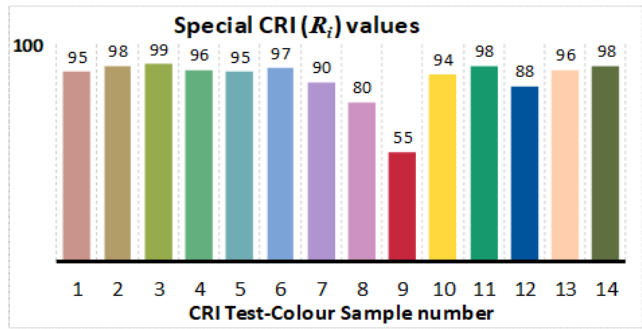
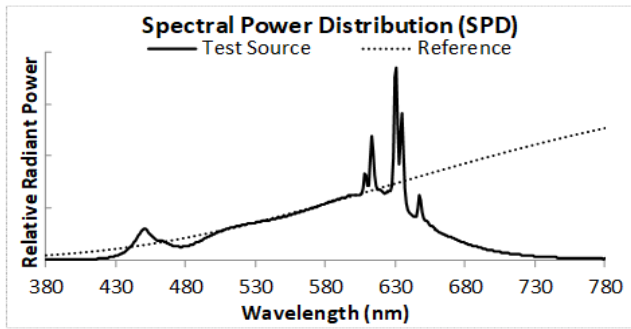


AVG LUMINANCE (cd/m ²)			
	0	90	180
0	13775	13775	13775
5	15743	13828	12391
15	21522	14086	10950
25	26002	14548	10091
35	22365	14385	9350
45	16109	11863	8371
55	11689	9489	7532
65	8763	7900	6704
75	6502	5962	5637
85	3543	3543	4185

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

Test Number:	T20201101	Manufacturer:	Ledalite by Signify
Date:	27 Aug 2020	Model:	TruGroove Suspended

Correlated Colour Temperature (T_{cp}) in K	2715	CIE1931 chromaticity coordinate, x	0.4580
Distance to Blackbody Locus (D_{uv})	-0.0004	CIE1931 chromaticity coordinate, y	0.4092
General Colour Rendering Index (R_a)	94	CIE1976 chromaticity coordinate, u'	0.2619
Red Rendering Index (R_9)	55	CIE1976 chromaticity coordinate, v'	0.5265
Colour Gamut Index (G_a)	99		
Red Chroma Index (C_9)	93		



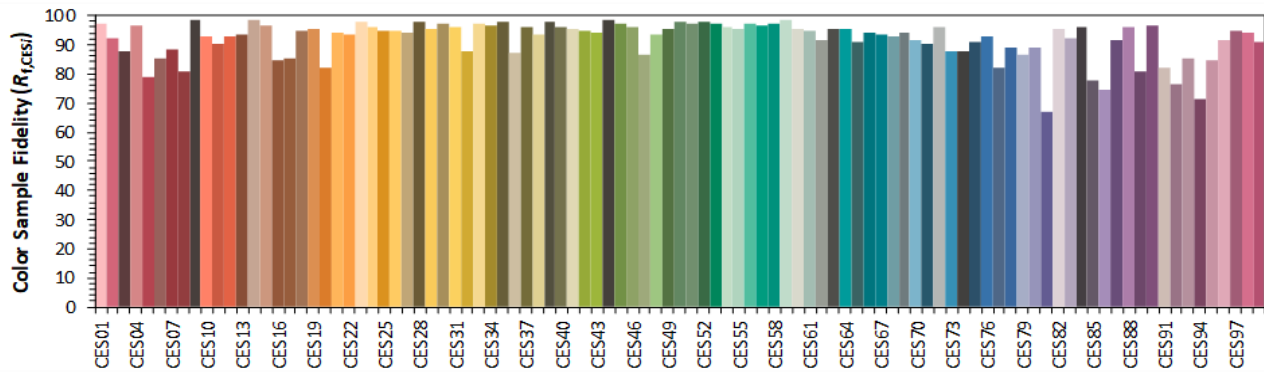
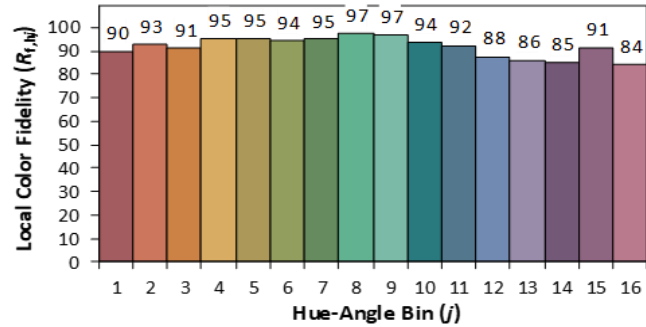
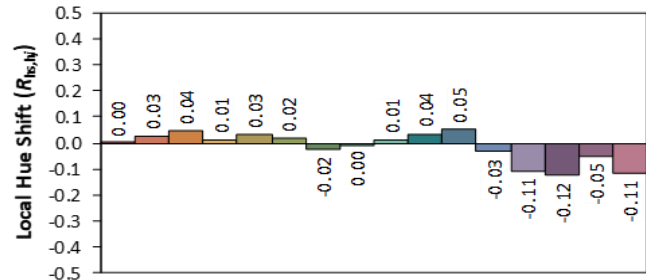
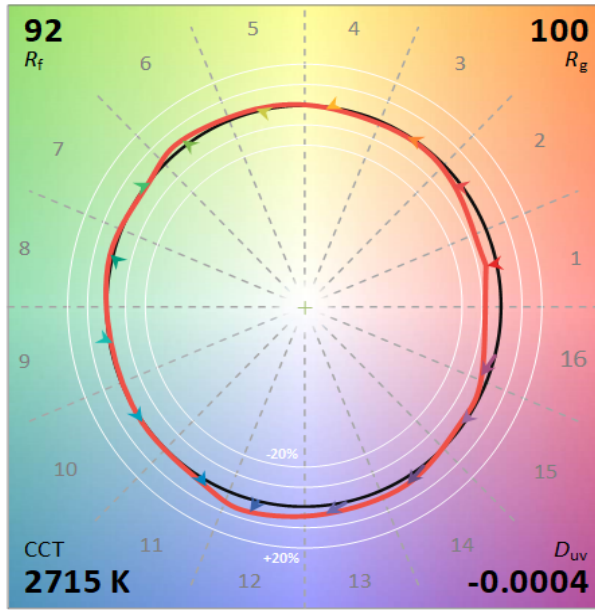
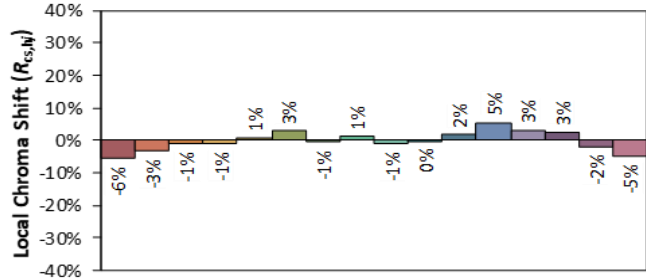
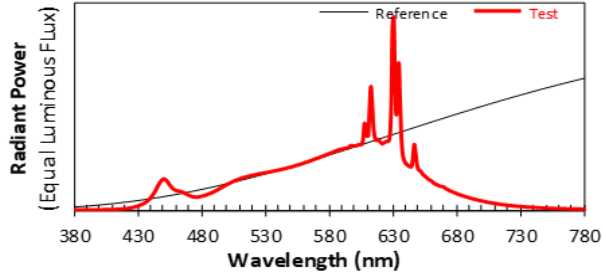
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201101

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 0.4580

y 0.4092

u' 0.2619

v' 0.5265

