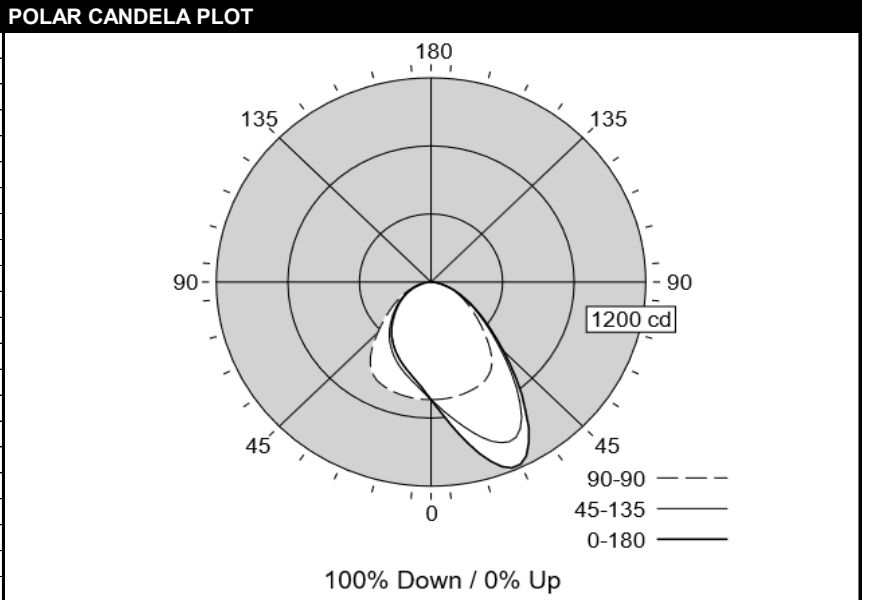


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L92722WN

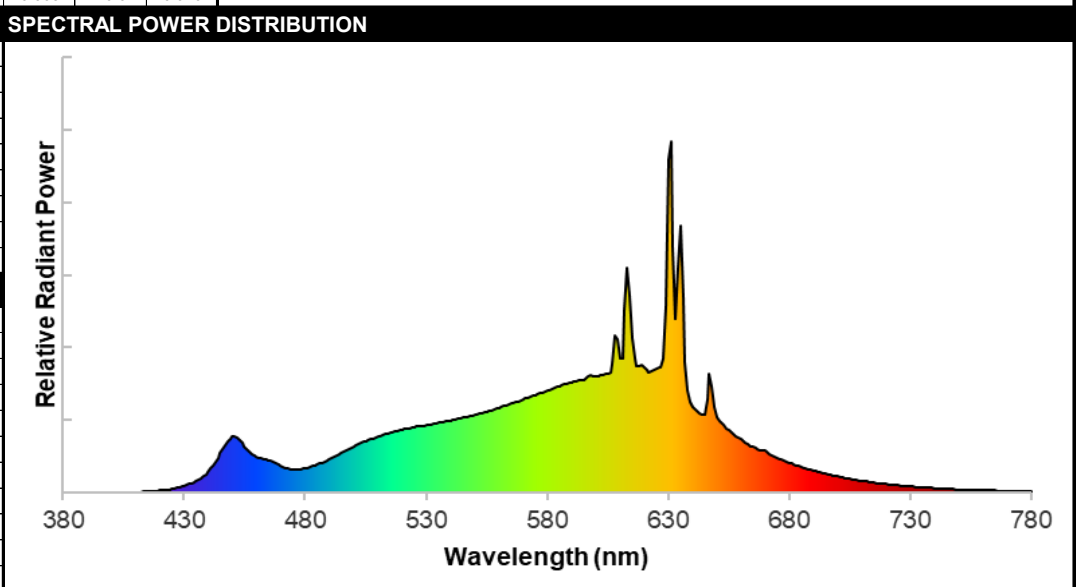
Lamp Type:	LED	Description:	DIRECT MESO 2200LM 927
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1854 lm 100%
Input Watts:	277 VAC 22.2	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 83.5
CIE-IES Classification:	Direct	Report:	LNG01338

CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	691	691	691	691	691	
5	787	757	691	636	619	67
15	1043	918	683	558	531	209
25	1183	1036	662	486	459	343
35	919	867	591	406	384	390
45	572	542	421	313	297	331
55	337	321	273	227	217	246
65	186	182	168	148	142	164
75	85	82	77	75	73	84
85	16	14	16	17	18	20
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-Normal spaces				Pc---	80				70			50			0
Direct: Peak Candela & Angle (0°)	1182.6	22.5			Pw---	70	50	30	10	70	50	30	50	30	10	0
Direct: Peak Candela & Angle (180°)	691.2	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	66	71	64	59	55
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	21.0	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	21.9	0.184	12.1	0.990	9	59	47	39	33	58	46	38	45	38	33	31
277V: P(W), I(A), THD(%), PF	22.2	0.086	16.7	0.933	10	56	43	35	30	55	43	35	42	35	30	28
347V: P(W), I(A), THD(%), PF	21.4	0.065	10.0	0.949	*Based on a floor reflectance of 0.2											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	619	33.4%	33.4%
0-40	1009	54.4%	54.4%
0-60	1586	85.6%	85.6%
0-90	1854	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	1854	100.0%	100.0%

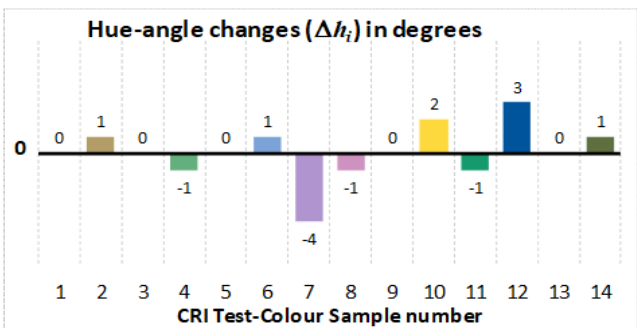
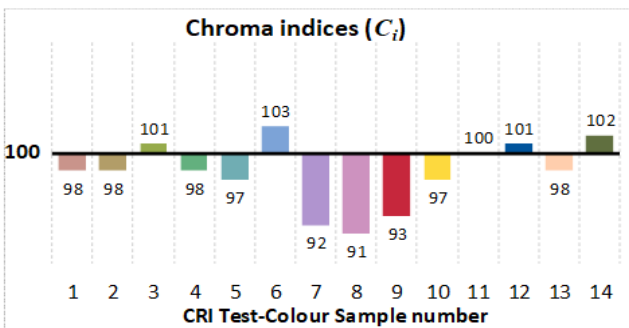
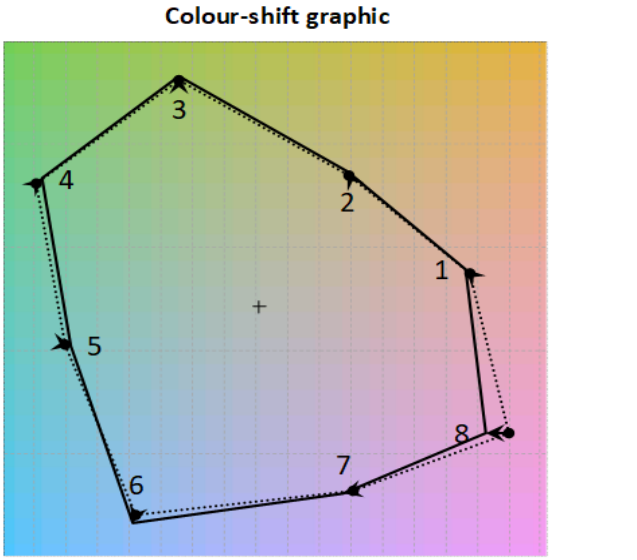
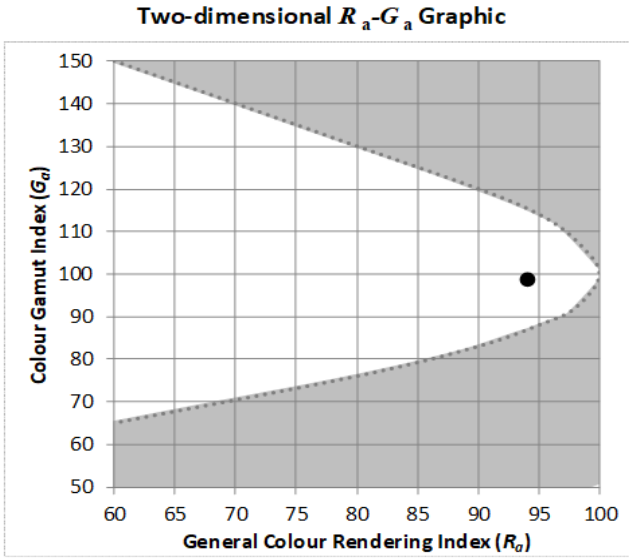
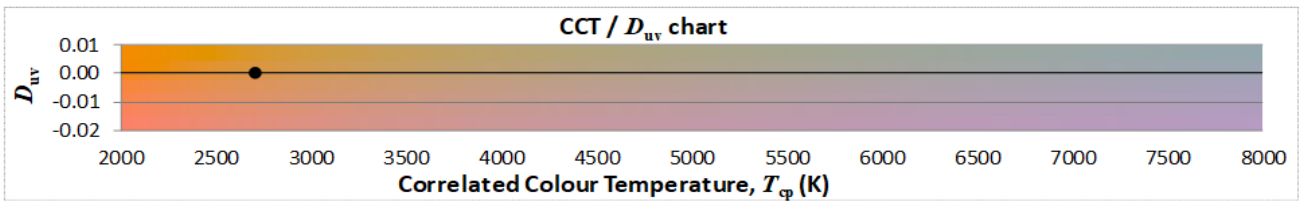
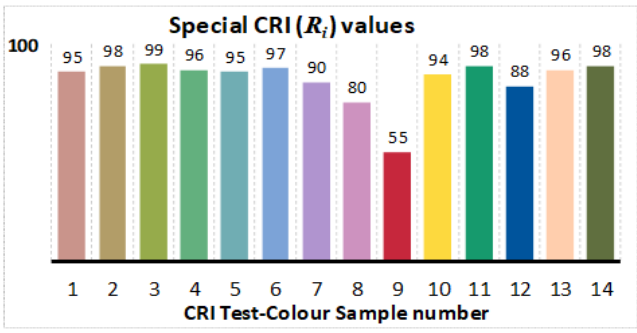
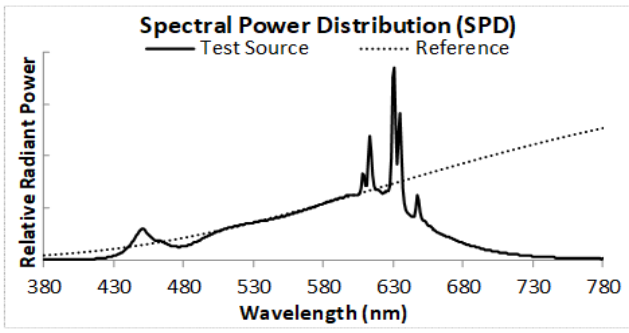


AVG LUMINANCE (cd/m ²)			
	0	90	180
0	7437	7437	7437
5	8500	7466	6690
15	11621	7606	5913
25	14040	7856	5449
35	12075	7767	5048
45	8698	6405	4521
55	6313	5123	4067
65	4731	4265	3620
75	3513	3218	3043
85	1914	1914	2259

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		



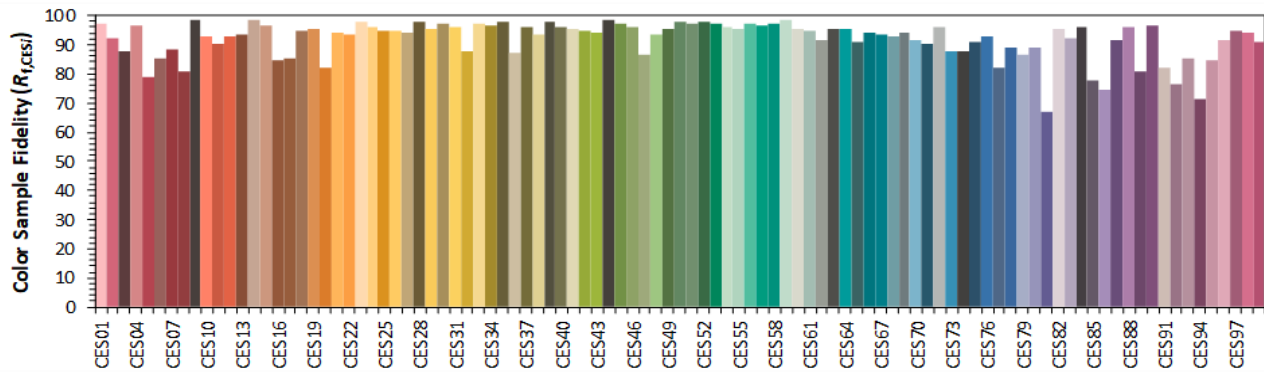
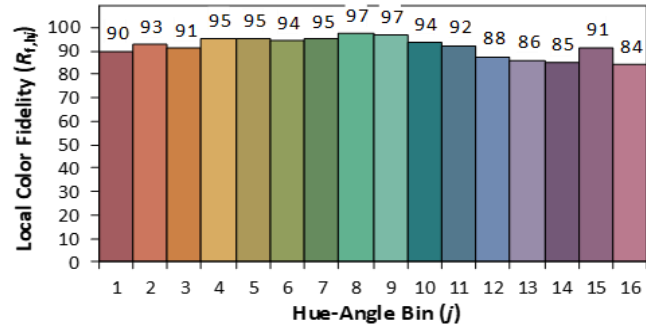
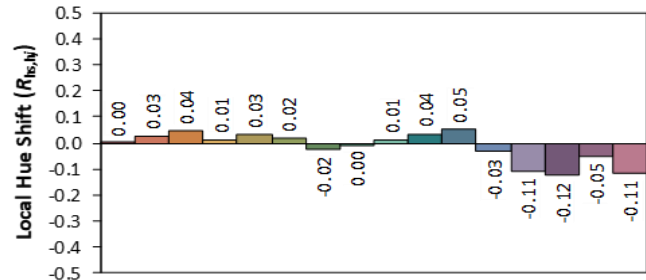
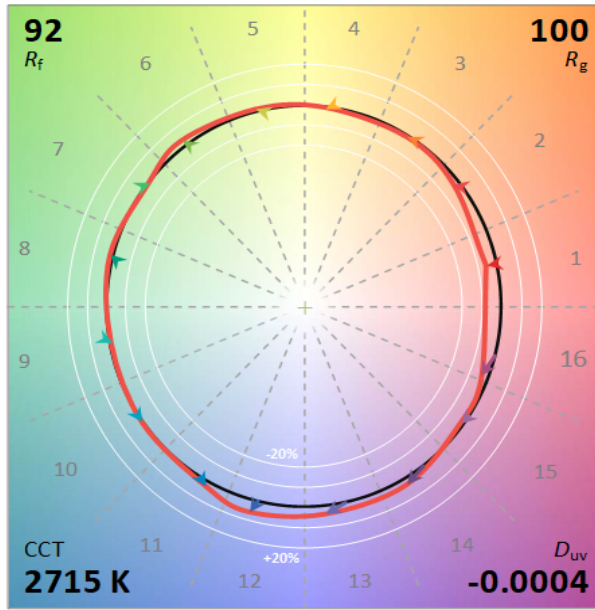
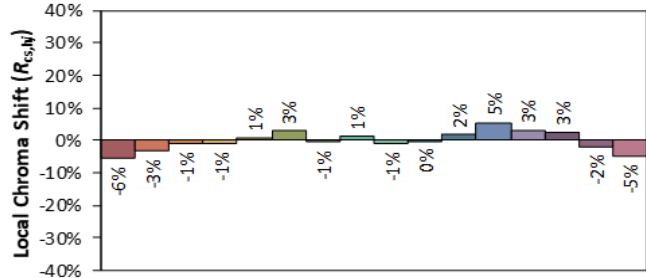
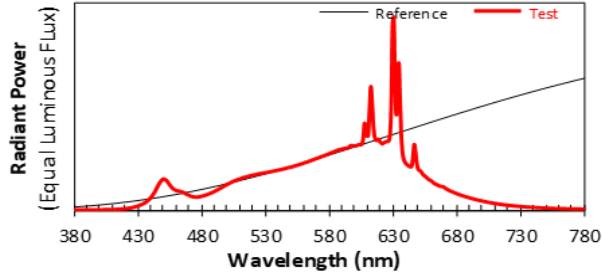
ANSI/IES TM-30-18 Color Rendition Report

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

