

LEDALITE - TRUGROOVE SUSPENDED

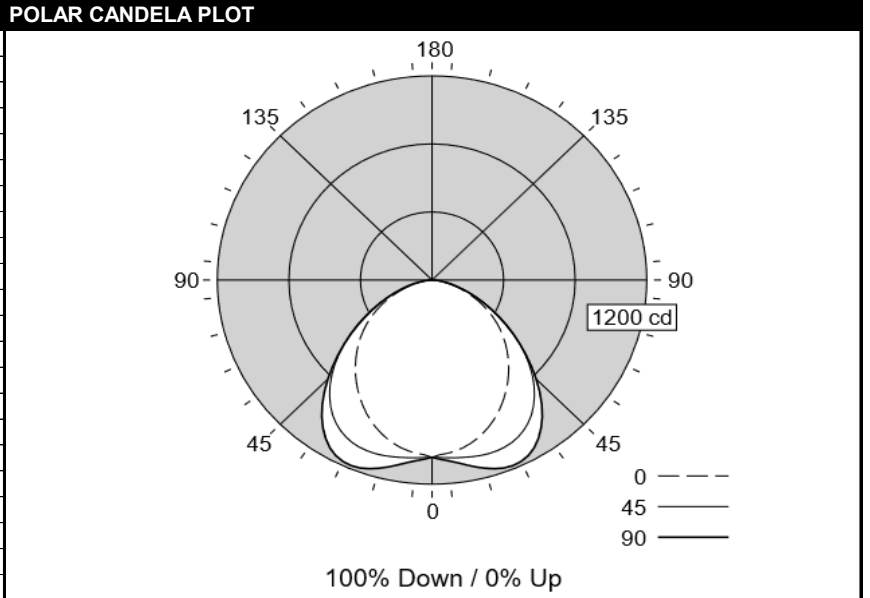


by ignify

TEST DATE: 04 May 2021 CATALOG NO: 29x1L92730QN

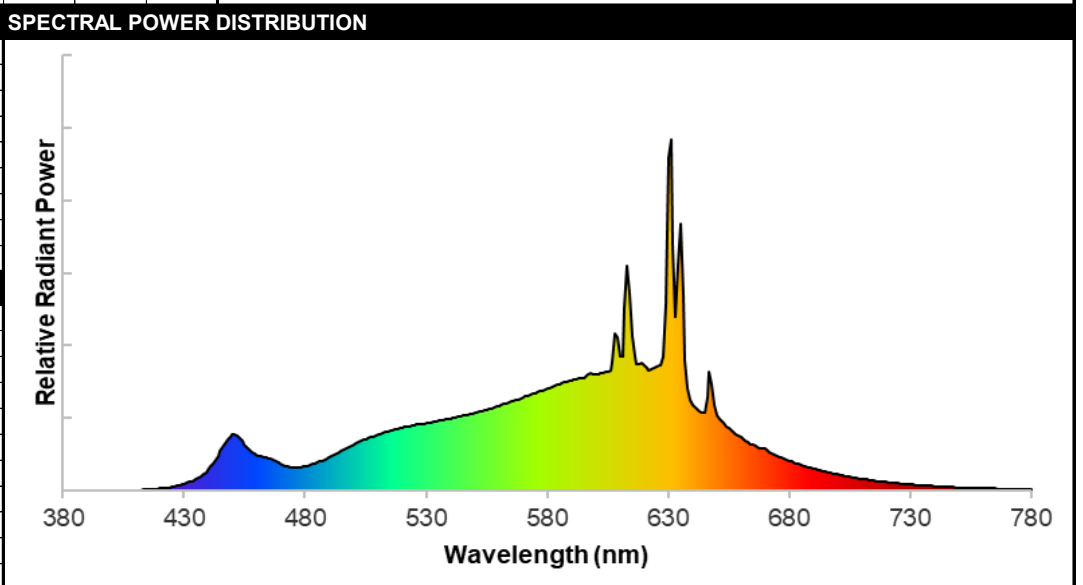
Lamp Type:	LED	Description:	DIRECT MESO 3000LM 927
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2998 lm 100%
Input Watts:	120 VAC 32.9	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 91.1
CIE-IES Classification:	Direct	Report:	LNG01213

	Flux					
	0	22.5	45	67.5	90	Lumens
0	1043	1043	1043	1043	1043	
5	1022	1037	1049	1060	1067	100
15	967	1005	1067	1122	1145	301
25	866	934	1055	1146	1177	478
35	737	820	968	1047	1063	582
45	594	668	793	828	823	577
55	442	487	559	564	554	471
65	279	295	326	323	318	309
75	127	131	142	142	141	148
85	24	23	26	27	27	32
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	0



RP1	None				Pc---	80				70			50			0					
Direct: Peak Candela & Angle (0°)	1042.5	0.0			Pw---	70	50	30	10	70	50	30	50	30	10	0					
Direct: Peak Candela & Angle (90°)	1180.9	22.5			RCR																
Spacing Criteria (0°, 90°, 180°)	1.16	1.51	N/A		0	119	119	119	119	116	116	116	111	111	111	100					
Beam (H, V), Field (H, V)	107.3	94.2	154.0	149.8	1	110	105	101	98	107	103	99	99	96	93	85					
Indirect: Peak Candela & Angle(°)	N/A	N/A			2	100	92	86	81	98	91	85	87	82	78	72					
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A			3	92	82	74	68	89	80	73	77	71	66	61					
Luminous Width, Length, Height (ft)	0.25	4.00	0.00			4	84	73	64	58	82	71	63	69	62	56	53				
DLC, UGR (4H x 8H, 1.0H), MDER	N/A	23.1	0.445			5	77	65	56	50	75	64	56	62	55	49	46				
x, y, CCT, D _{uv}	0.4580	0.4092	2715	-0.0004	6	72	59	50	44	70	58	49	56	48	43	40					
CRI (R _a), R _g , G _a , C _g	94	55	99	93	7	66	53	45	39	65	52	44	51	43	38	36					
TM-30-18 R _f , R _{h1} , R _g , R _{mh1}	92	90	100	-6%	8	62	48	40	34	60	48	40	46	39	34	32					
120V: P(W), I(A), THD(%), PF	32.9	0.276	7.9	0.995	9	58	44	36	31	56	44	36	43	36	31	29					
277V: P(W), I(A), THD(%), PF	32.8	0.123	13.3	0.963	10	54	41	33	28	53	41	33	40	33	28	26					
347V: P(W), I(A), THD(%), PF	32.0	0.095	7.3	0.974	*Based on a floor reflectance of 0.2																

Zone	Lumens	%Fixture	%Lamp
0-30	879	29.3%	29.3%
0-40	1462	48.8%	48.8%
0-60	2509	83.7%	83.7%
0-90	2998	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	2998	100.0%	100.0%

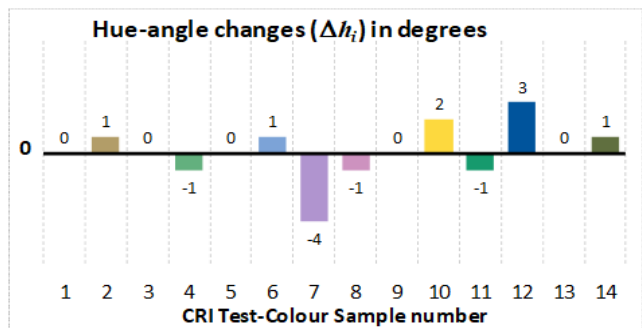
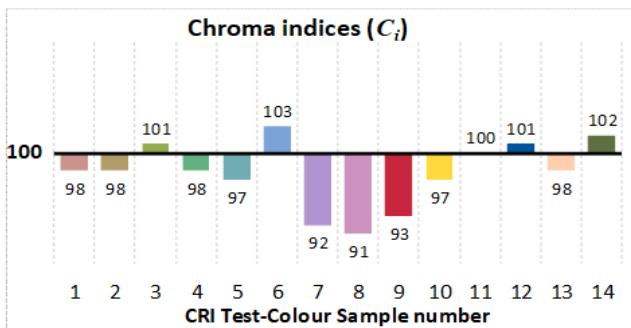
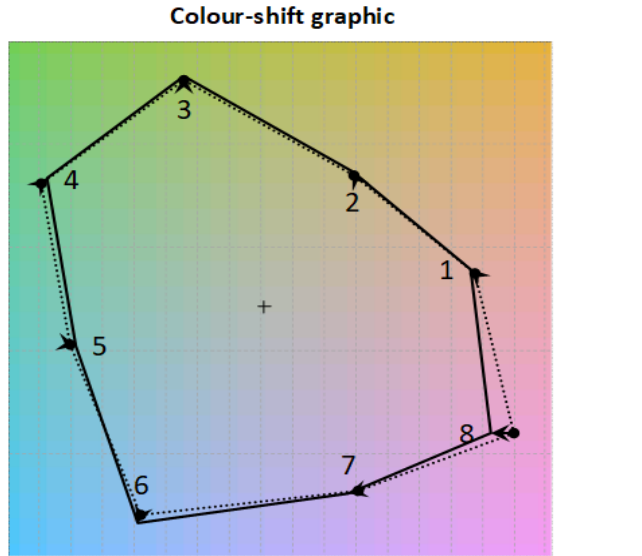
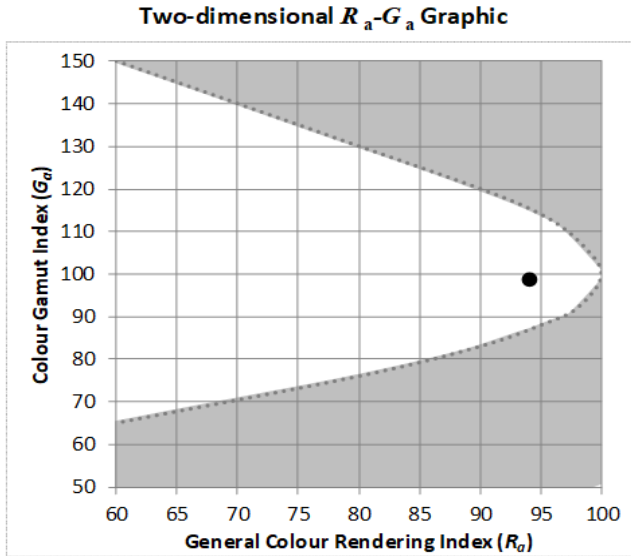
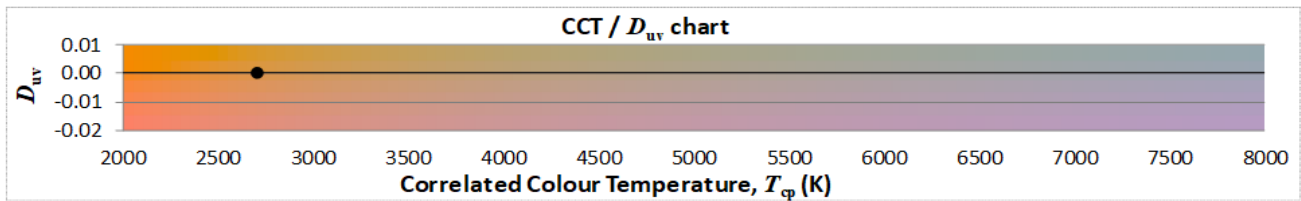
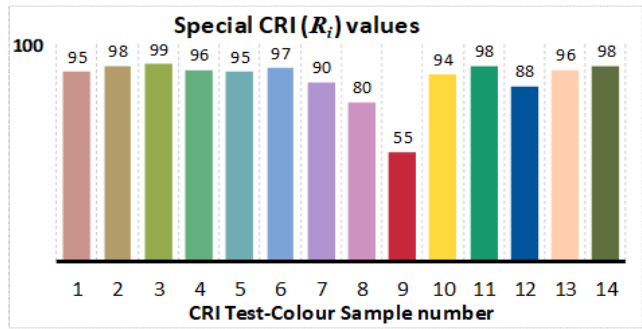
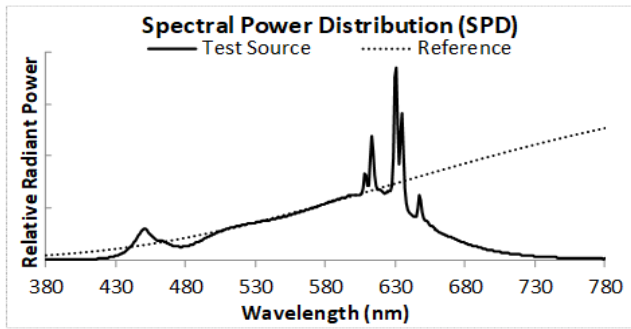


	0	45	90
0	11217	11217	11217
5	11040	11327	11523
15	10766	11887	12758
25	10281	12519	13976
35	9677	12720	13959
45	9040	12069	12522
55	8299	10490	10398
65	7093	8287	8096
75	5263	5887	5866
85	2914	3222	3358

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		



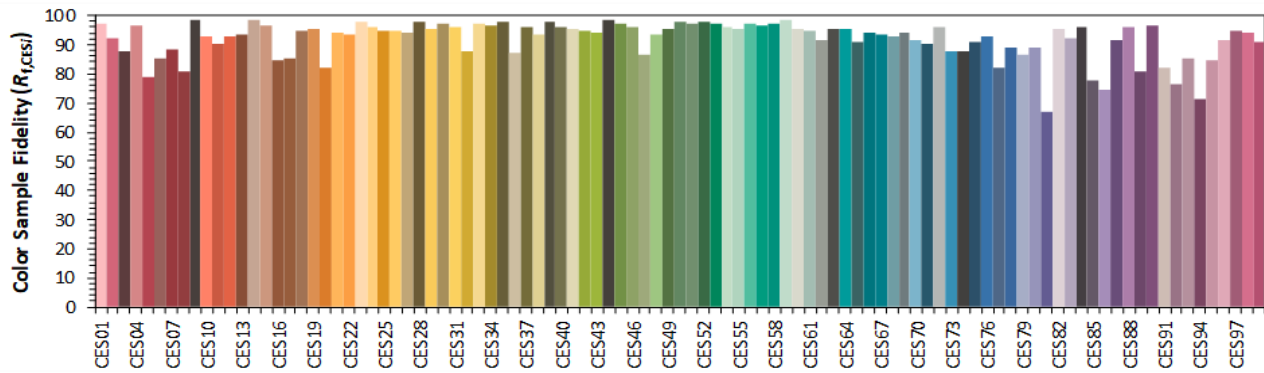
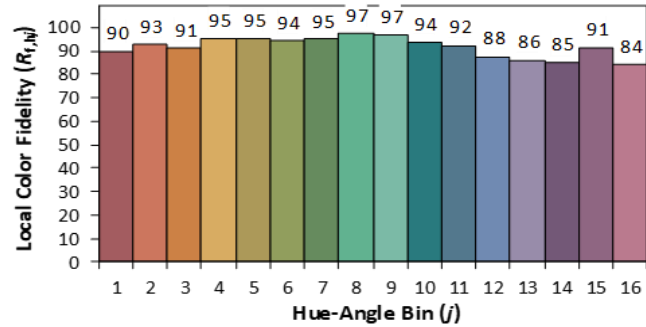
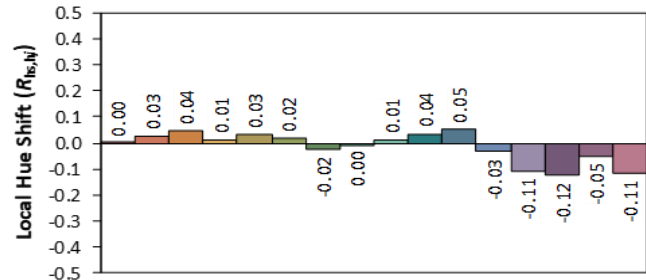
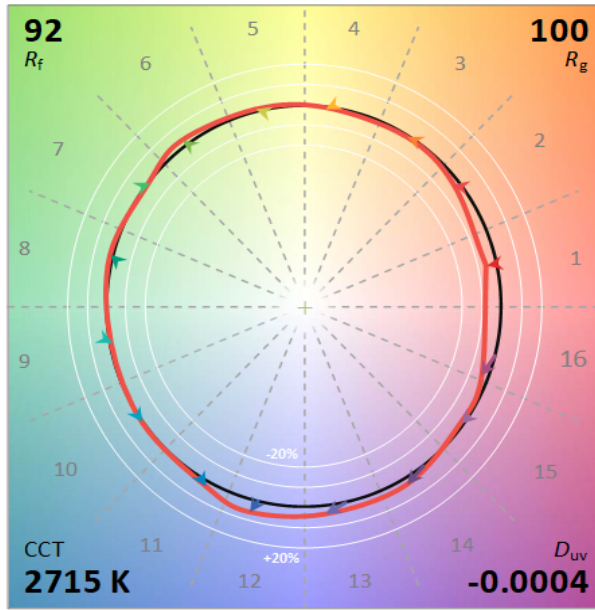
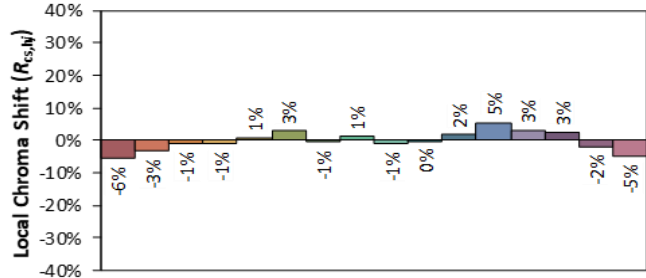
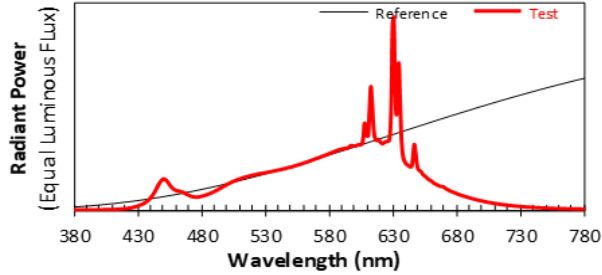
ANSI/IES TM-30-18 Color Rendition Report

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

