

LEDALITE - TRUGROOVE SUSPENDED

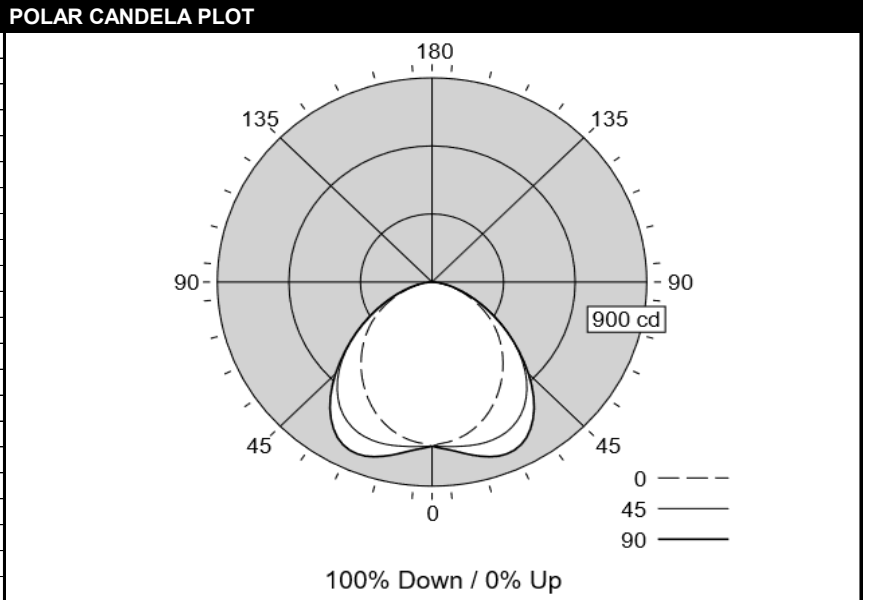


by @ignify

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L93022QN

Lamp Type:	LED	Description:	DIRECT MESO 2200LM 930
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2082 lm 100%
Input Watts:	277 VAC 22.2	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 93.8
CIE-IES Classification:	Direct	Report:	LNG01209

	Flux					
	0	22.5	45	67.5	90	Lumens
0	724	724	724	724	724	
5	710	720	728	736	741	70
15	671	698	741	779	795	209
25	601	649	732	796	818	332
35	512	570	673	727	738	405
45	413	464	551	575	572	401
55	307	338	388	391	385	327
65	194	205	226	224	221	215
75	88	91	98	99	98	103
85	16	16	18	19	19	22
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	



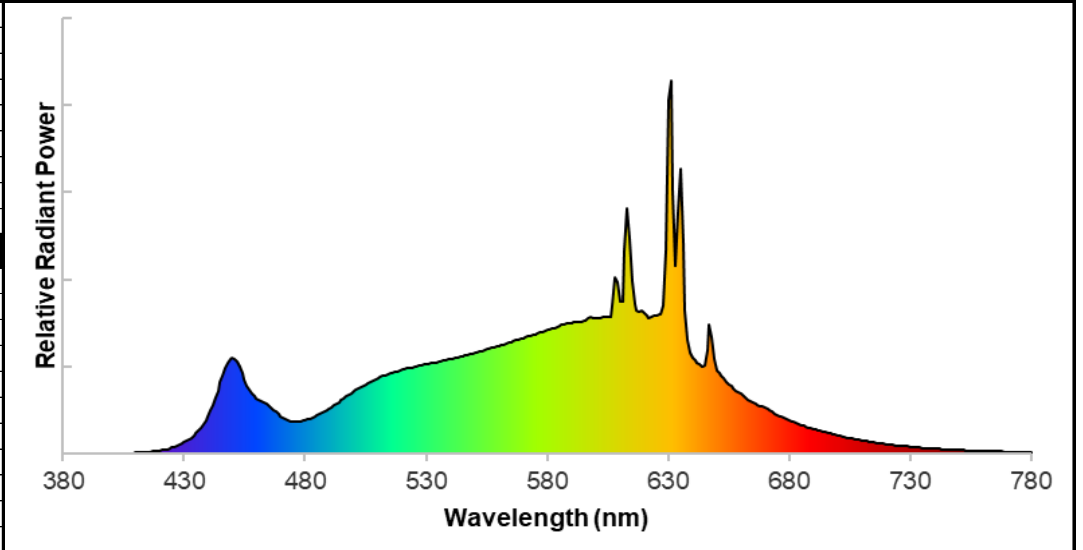
CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces				Pc---	80				70			50			0
Direct: Peak Candela & Angle (0°)	724.1	0.0			Pw---	70	50	30	10	70	50	30	50	30	10	0
Direct: Peak Candela & Angle (90°)	820.2	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	21.9	0.505		5	77	65	56	50	75	64	56	62	55	49	46
x, y, CCT, D _{uv}	0.4325	0.4005	3047	-0.0008	6	72	59	50	44	70	58	49	56	48	43	40
CRI (R _a), R _g , G _a , C _g	93	57	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}	91	90	100	-5%	8	62	48	40	34	60	48	40	46	39	34	32
120V: P(W), I(A), THD(%), PF	21.9	0.184	12.1	0.990	9	58	44	36	31	56	44	36	43	36	31	29
277V: P(W), I(A), THD(%), PF	22.2	0.086	16.7	0.933	10	54	41	33	28	53	41	33	40	33	28	26
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	611	29.3%	29.3%
0-40	1015	48.8%	48.8%
0-60	1743	83.7%	83.7%
0-90	2082	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	2082	100.0%	100.0%

SPECTRAL POWER DISTRIBUTION



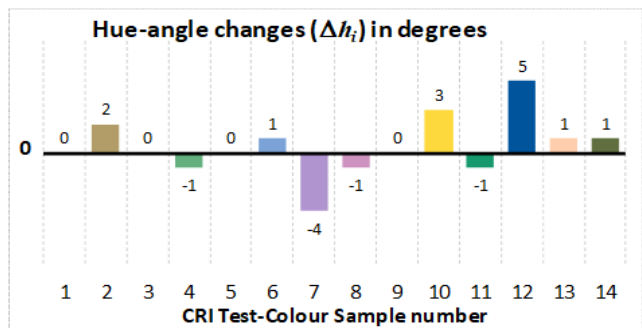
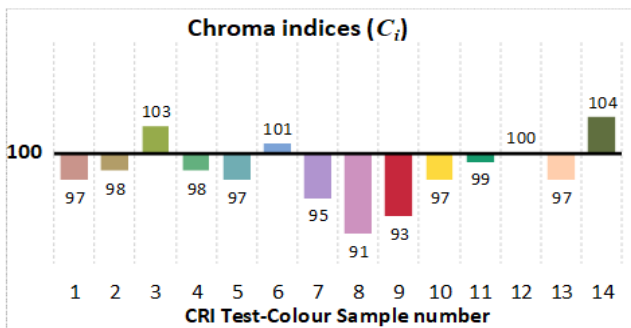
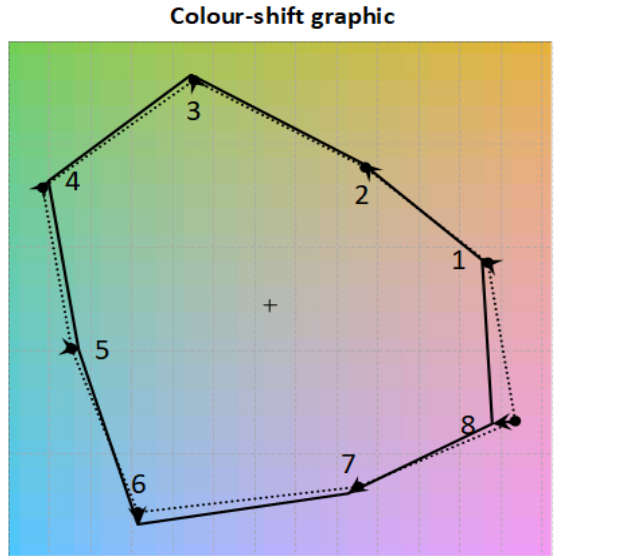
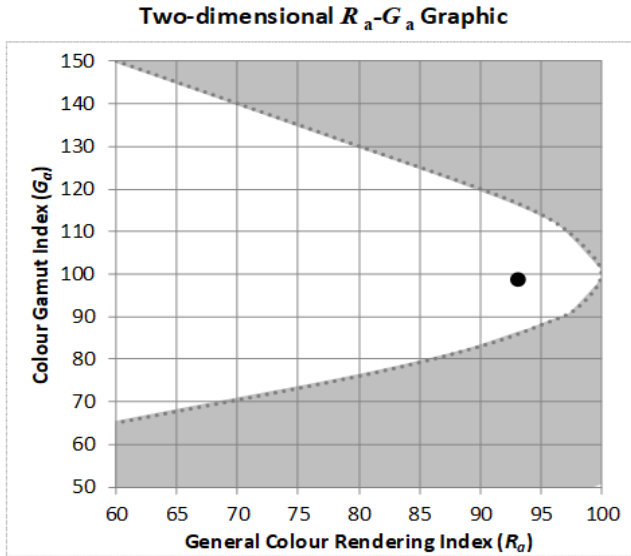
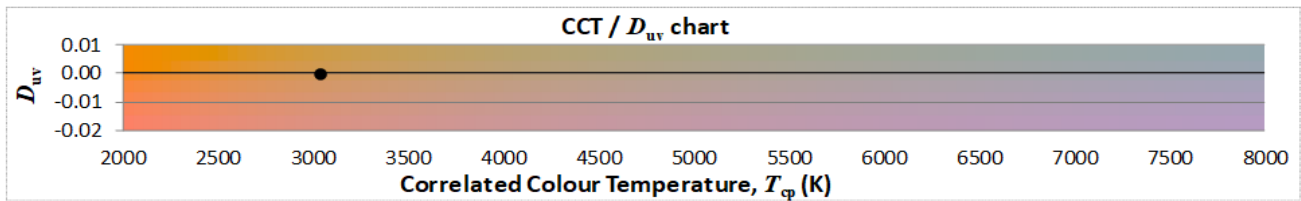
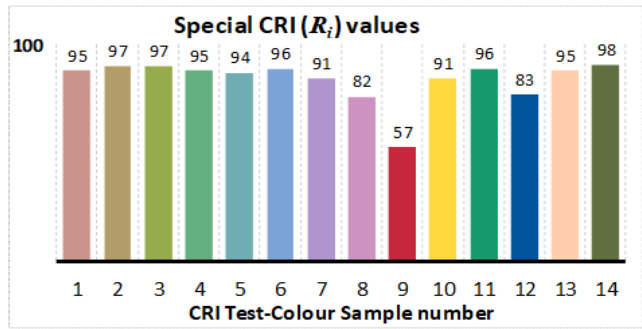
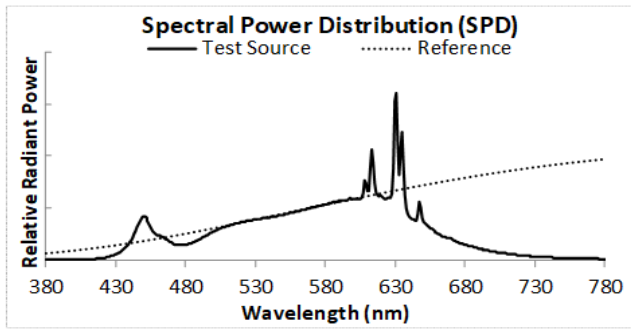
AVG LUMINANCE (cd/m²)

	0	45	90
0	7791	7791	7791
5	7667	7866	8003
15	7478	8256	8860
25	7140	8695	9707
35	6721	8835	9694
45	6279	8381	8698
55	5763	7286	7222
65	4927	5754	5624
75	3654	4091	4074
85	2025	2235	2333

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		



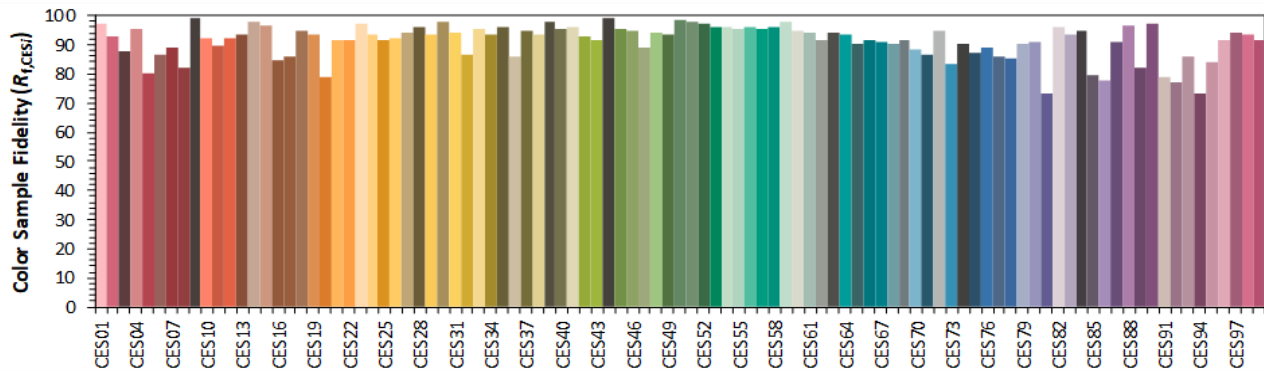
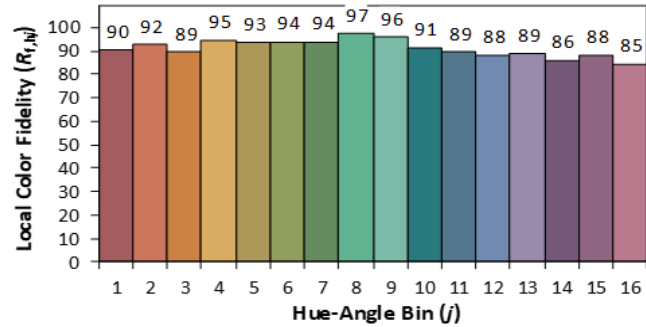
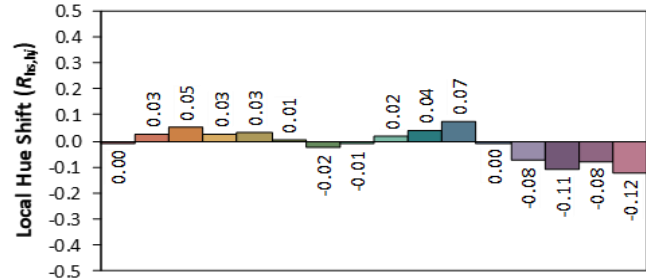
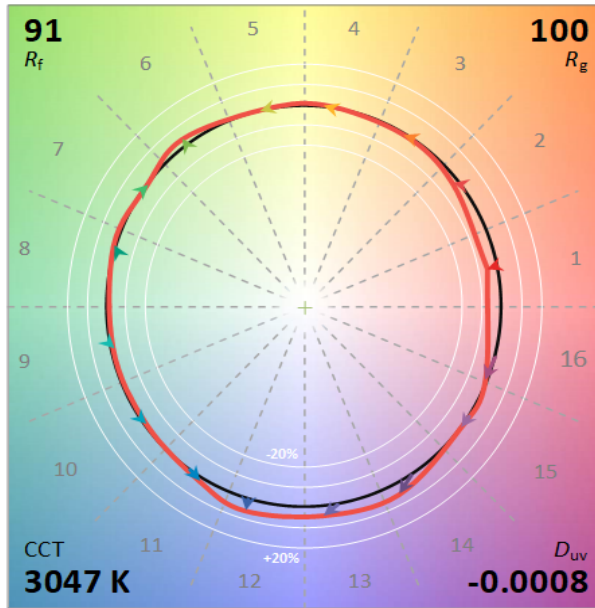
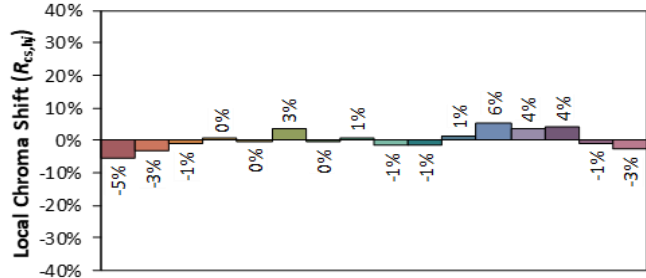
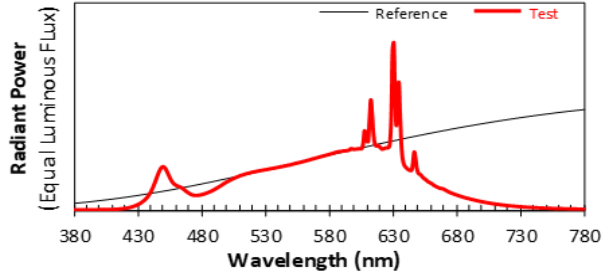
ANSI/IES TM-30-18 Color Rendition Report

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

