

LEDALITE - TRUGROOVE SUSPENDED

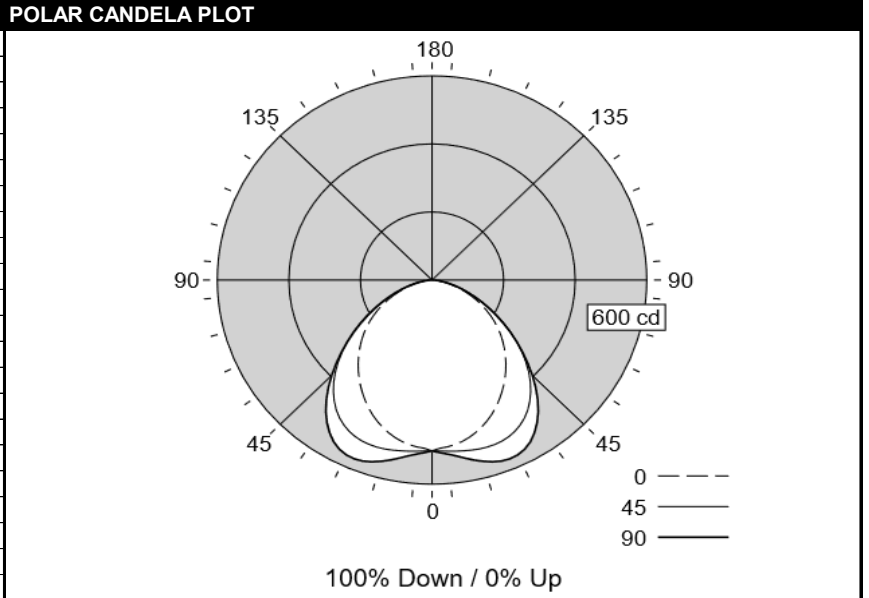


by @ignify

TEST DATE: 04 May 2021 **CATALOG NO:** 29x1L93515QN

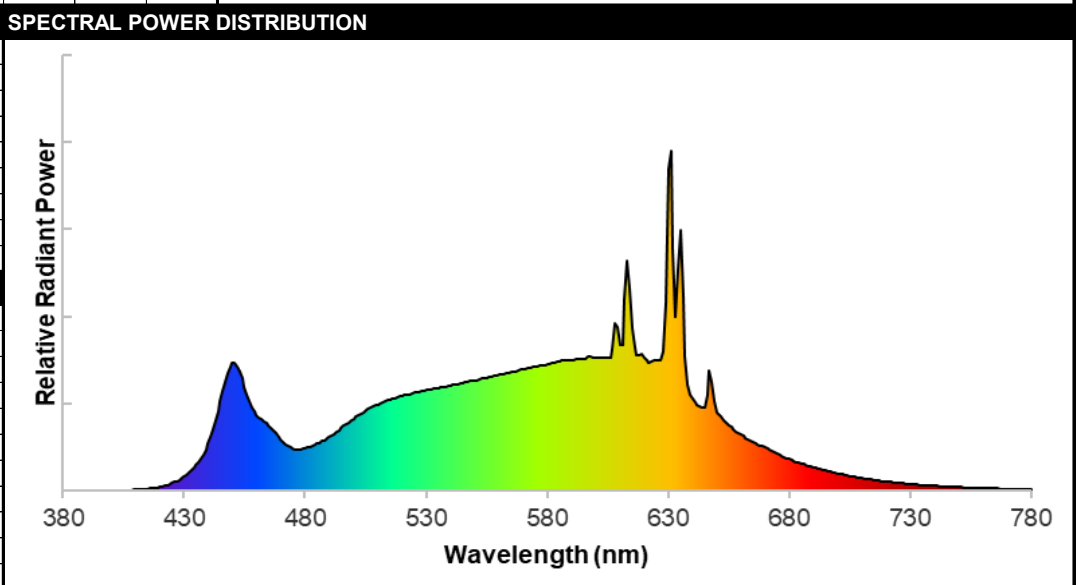
Lamp Type:	LED	Description:	DIRECT MESO 1500LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1444 lm 100%
Input Watts:	277 VAC 14.7	Up/Dn Ratio, Efficacy (lm/W):	100% Down / 0% Up 98.2
CIE-IES Classification:	Direct	Report:	LNG01205

	Flux					
	0	22.5	45	67.5	90	Lumens
0	502	502	502	502	502	
5	492	499	505	511	514	48
15	466	484	514	541	552	145
25	417	450	508	552	567	230
35	355	395	466	504	512	281
45	286	322	382	399	396	278
55	213	235	269	271	267	227
65	134	142	157	156	153	149
75	61	63	68	69	68	71
85	11	11	13	13	13	16
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	Meets RP-1-12 recommendations for VDT-Critical spaces				Pc---	80				70			50			0					
Direct: Peak Candela & Angle (0°)	502.1 0.0				Pw---	70	50	30	10	70	50	30	50	30	10	0					
Direct: Peak Candela & Angle (90°)	568.8 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	154.1	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				5	77	65	56	50	75	64	56	62	55	49	46					
x, y, CCT, D _{uv}	0.4070	0.3906	3462	-0.0004	6	72	59	50	44	70	58	49	56	48	43	40					
CRI (R _a), R _g , G _a , C _g	93	59	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	99	-6%	8	62	48	40	34	60	48	40	46	39	34	32					
120V: P(W), I(A), THD(%), PF	14.5	0.122	11.0	0.991	9	58	44	36	31	56	44	36	43	36	31	29					
277V: P(W), I(A), THD(%), PF	14.7	0.056	15.5	0.940	10	54	41	33	28	53	41	33	40	33	28	26					
347V: P(W), I(A), THD(%), PF	14.7	0.045	13.2	0.944	*Based on a floor reflectance of 0.2																

Zone	Lumens	%Fixture	%Lamp
0-30	424	29.3%	29.3%
0-40	704	48.8%	48.8%
0-60	1209	83.7%	83.7%
0-90	1444	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	1444	100.0%	100.0%

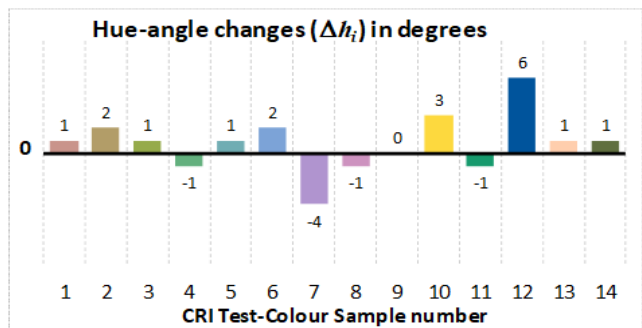
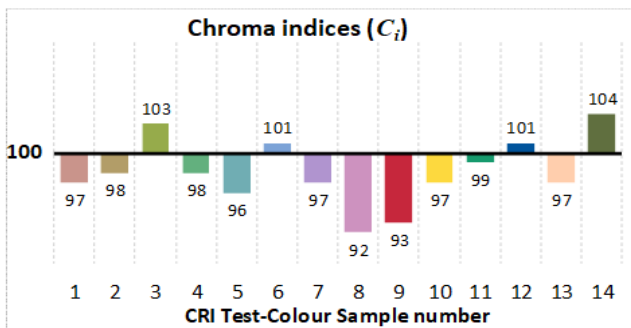
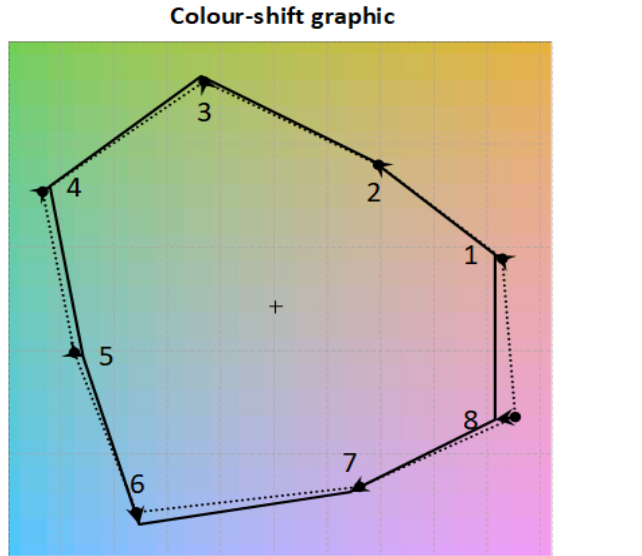
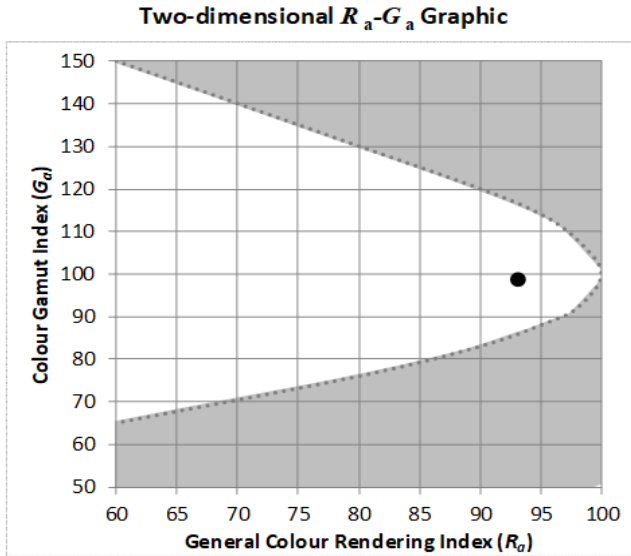
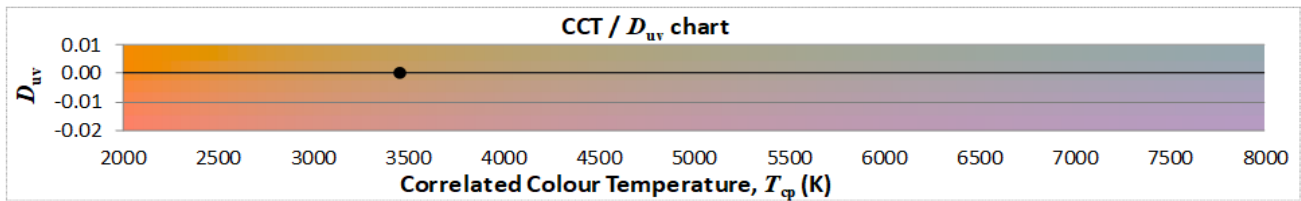
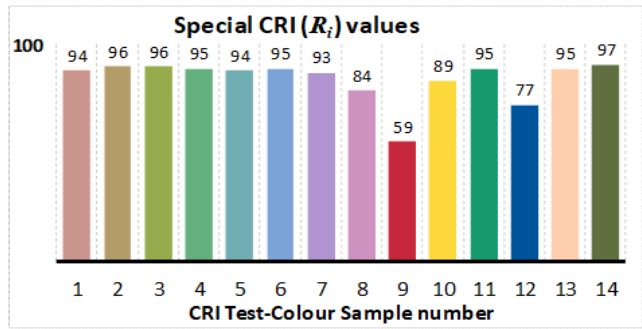
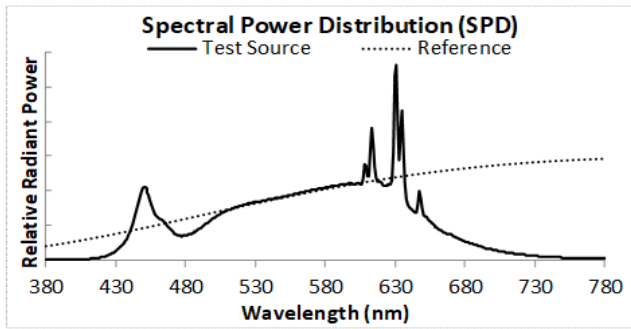


	0	45	90
0	5403	5403	5403
5	5317	5456	5550
15	5185	5726	6145
25	4952	6030	6732
35	4662	6126	6723
45	4355	5813	6032
55	3998	5052	5009
65	3417	3992	3901
75	2536	2835	2827
85	1407	1556	1617

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

Test Number:	T20201107	Manufacturer:	Ledalite by Signify
Date:	27 Aug 2020	Model:	TruGroove Suspended

Correlated Colour Temperature (T_{cp}) in K	3462	CIE1931 chromaticity coordinate, x	0.4070
Distance to Blackbody Locus (D_{uv})	-0.0004	CIE1931 chromaticity coordinate, y	0.3906
General Colour Rendering Index (R_a)	93	CIE1976 chromaticity coordinate, u'	0.2369
Red Rendering Index (R_9)	59	CIE1976 chromaticity coordinate, v'	0.5115
Colour Gamut Index (G_a)	99		
Red Chroma Index (C_9)	93		



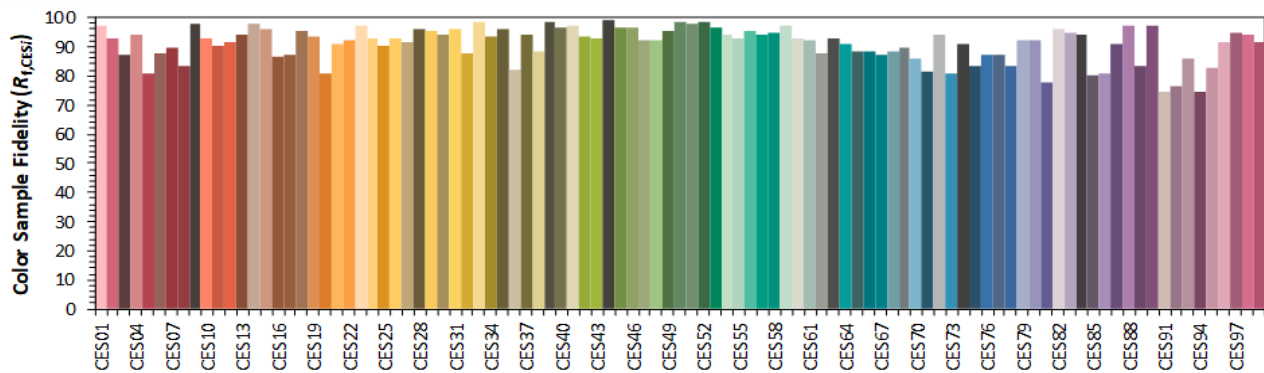
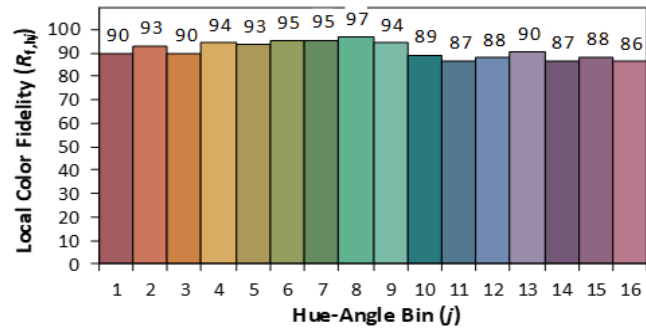
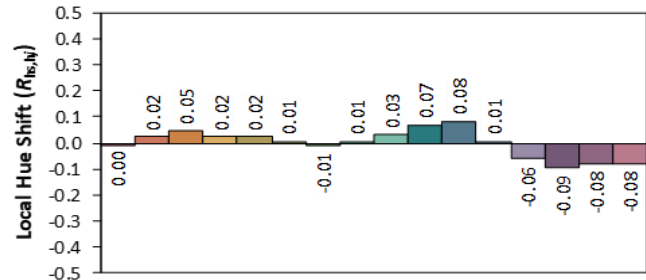
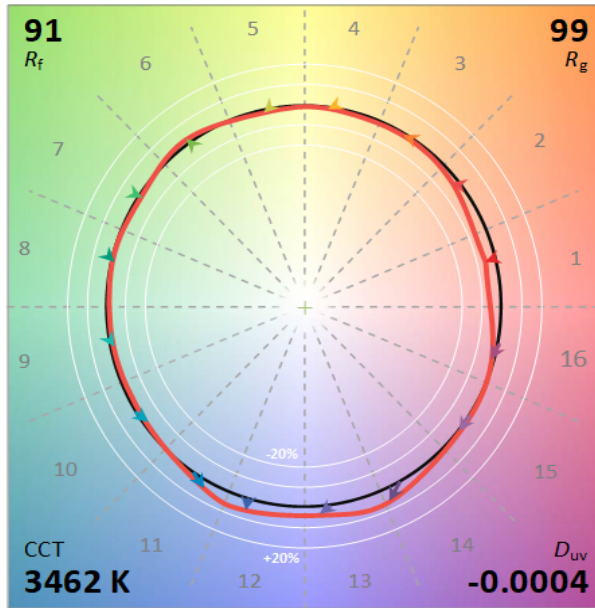
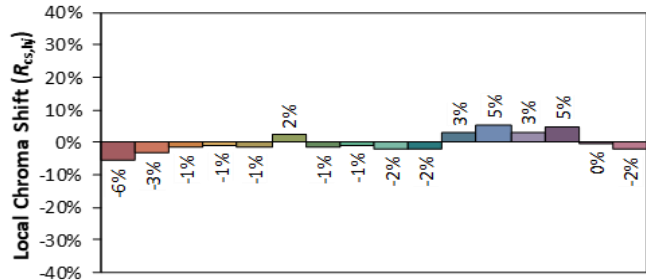
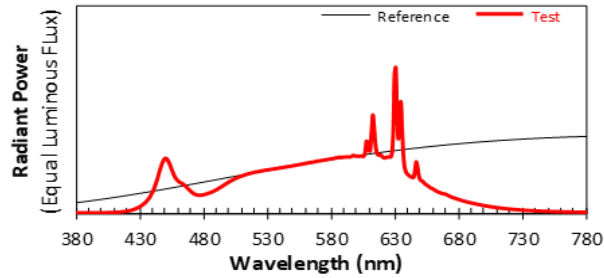
ANSI/IES TM-30-18 Color Rendition Report

Source: T20201107

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 0.4070

y 0.3906

u' 0.2369

v' 0.5115

