

# LEDALITE - TRUGROOVE SUSPENDED

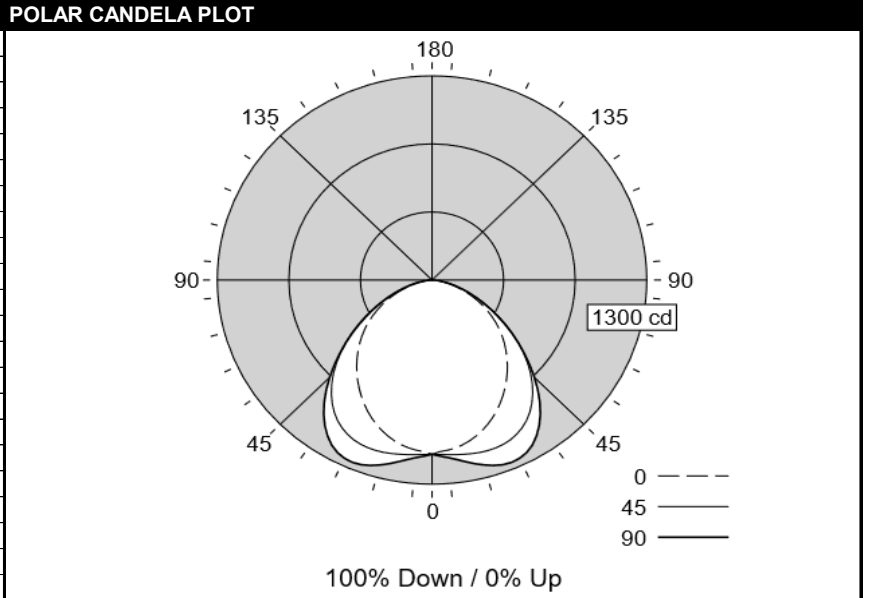


by @ignify

**TEST DATE:** 04 May 2021 **CATALOG NO:** 29x1L93530QN

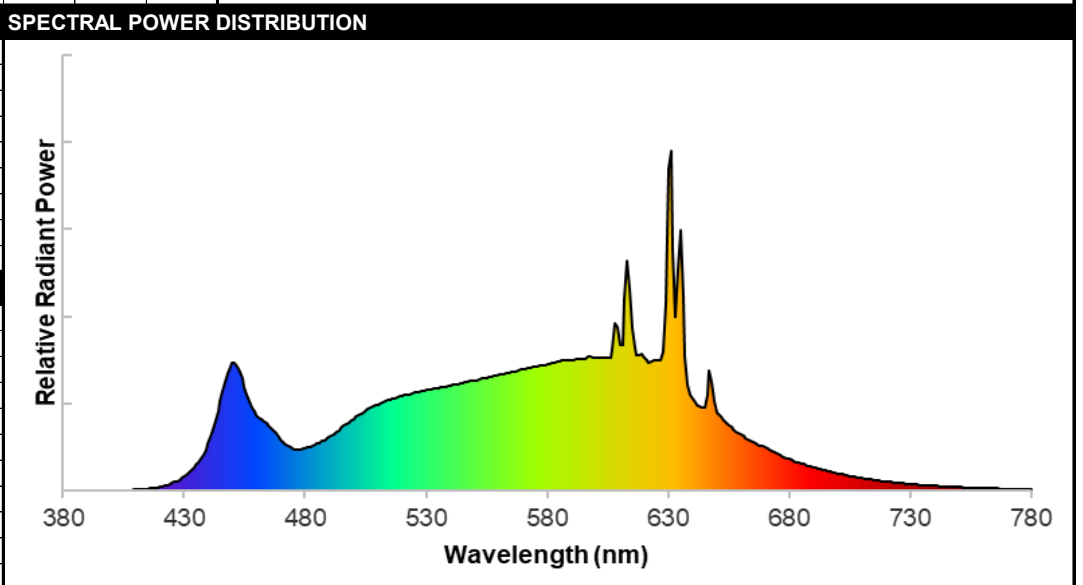
<b>Lamp Type:</b>	LED	<b>Description:</b>	DIRECT MESO 3000LM 935
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3192 lm 100%
<b>Input Watts:</b>	120 VAC 32.9	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	100% Down / 0% Up 97.0
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01215

	Flux					
	0	22.5	45	67.5	90	Lumens
0	1110	1110	1110	1110	1110	
5	1088	1104	1117	1129	1136	107
15	1029	1070	1136	1195	1219	320
25	922	994	1123	1220	1253	509
35	784	873	1031	1115	1131	620
45	633	712	844	881	876	614
55	471	518	595	600	590	501
65	297	314	347	344	339	329
75	135	140	151	151	150	157
85	25	25	28	29	29	34
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	



RP1	None	Pc---	80	70	50	0										
Direct: Peak Candela & Angle (0°)	1109.9	0.0	Pw---	70	50	30	10	70	50	30	50	30	10	0		
Direct: Peak Candela & Angle (90°)	1257.3	22.5	RCR	70	50	30	10	70	50	30	50	30	10	0		
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	23.3	0.578	5	77	65	56	50	75	64	56	62	55	49	46	
x, y, CCT, D <sub>uv</sub>	0.4070	0.3906	3462	-0.0004	6	72	59	50	44	70	58	49	56	48	43	40
CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>	93	59	99	93	7	66	53	45	39	65	52	44	51	43	38	36
TM-30-18 R <sub>f</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>sb1</sub>	91	90	99	-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	936	29.3%	29.3%
0-40	1556	48.8%	48.8%
0-60	2672	83.7%	83.7%
0-90	3192	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	3192	100.0%	100.0%

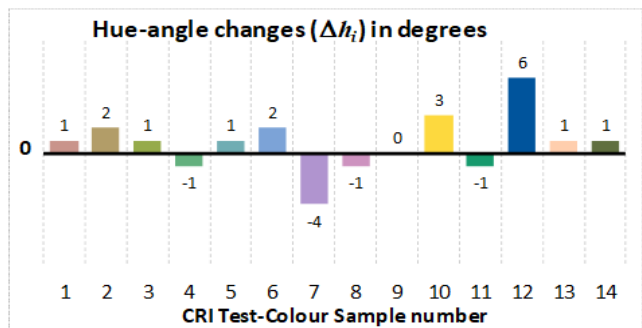
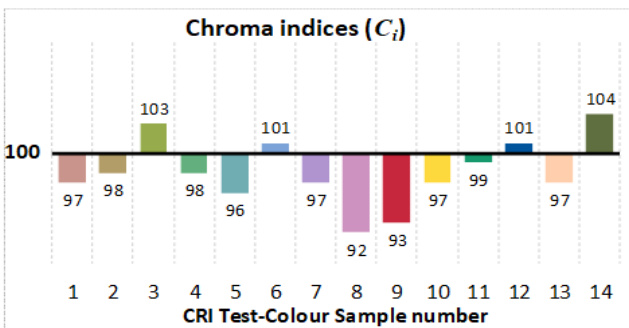
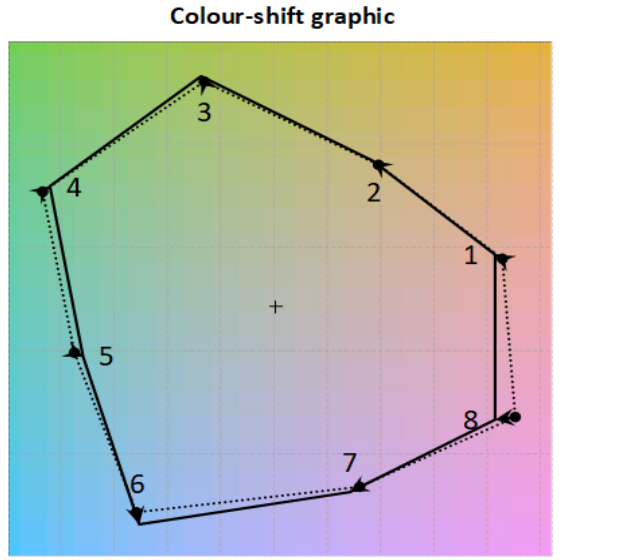
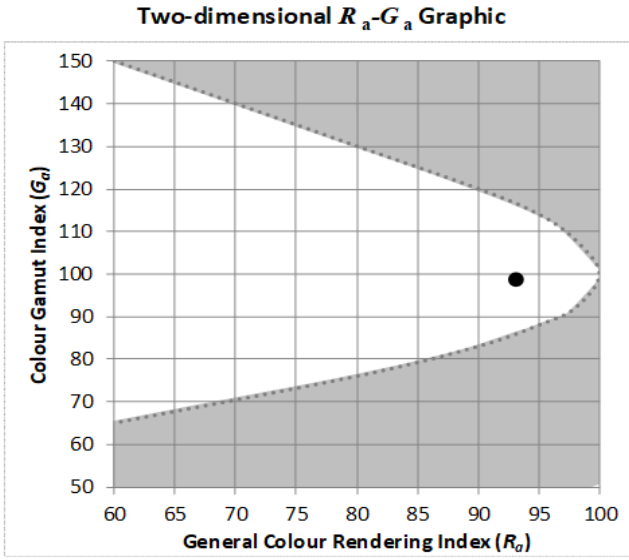
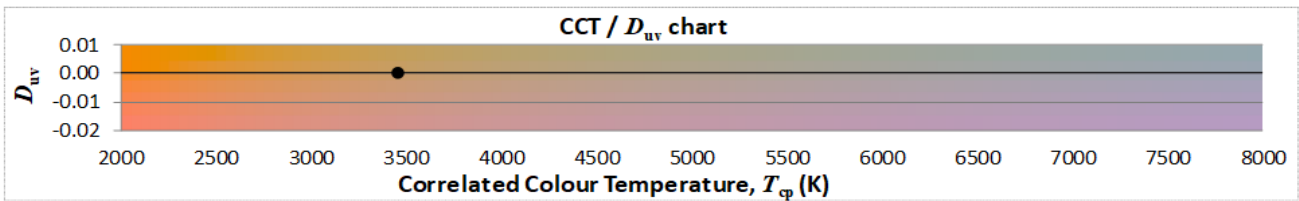
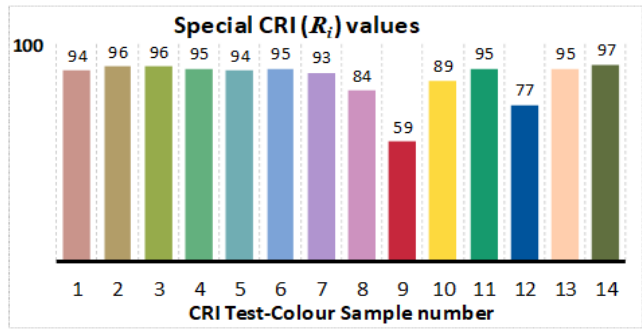
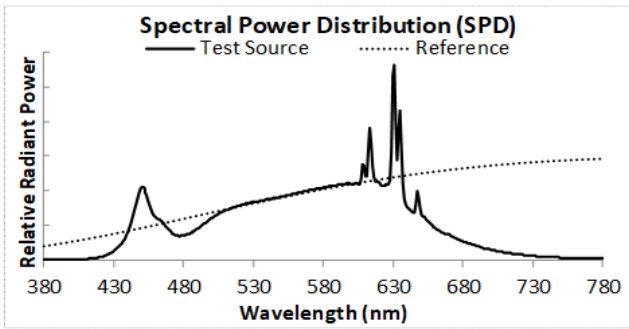


	0	45	90
0	11943	11943	11943
5	11753	12059	12268
15	11463	12656	13582
25	10946	13329	14880
35	10304	13543	14862
45	9626	12849	13333
55	8836	11169	11070
65	7552	8822	8621
75	5604	6269	6244
85	3099	3432	3580

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

<b>Test Number:</b>	T20201107	<b>Manufacturer:</b>	Ledalite by Signify
<b>Date:</b>	27 Aug 2020	<b>Model:</b>	TruGroove Suspended

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



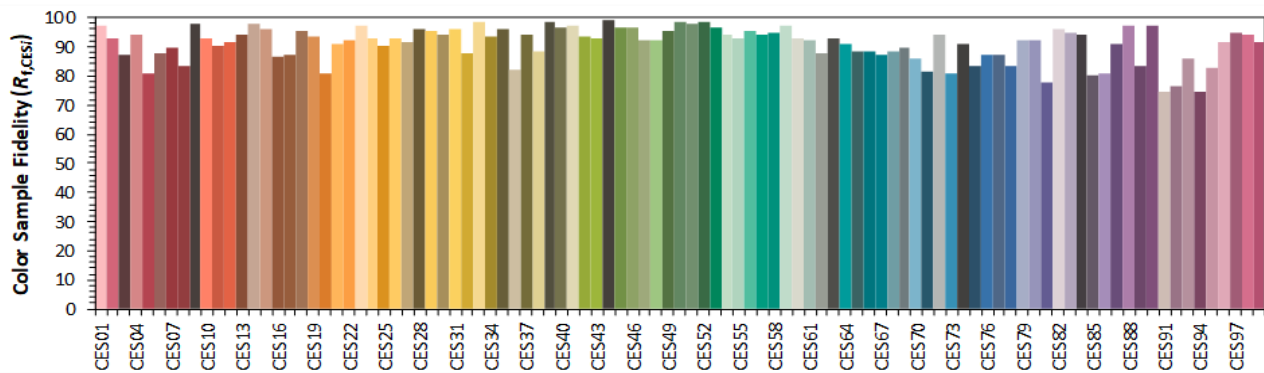
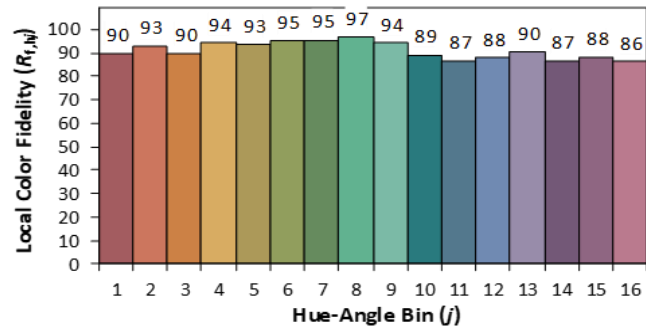
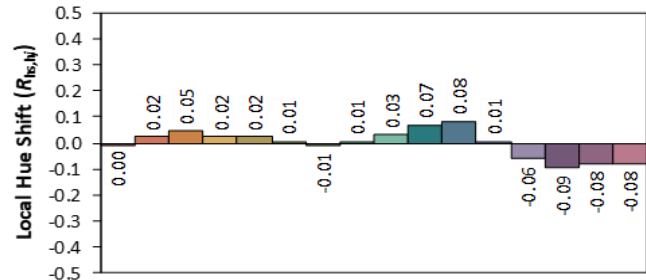
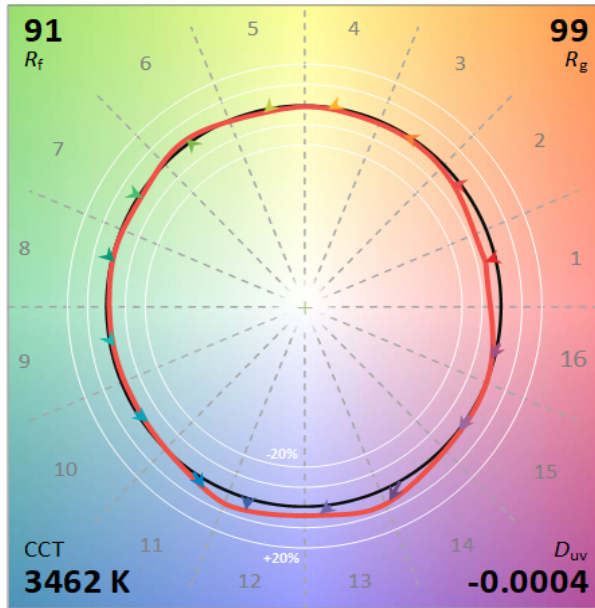
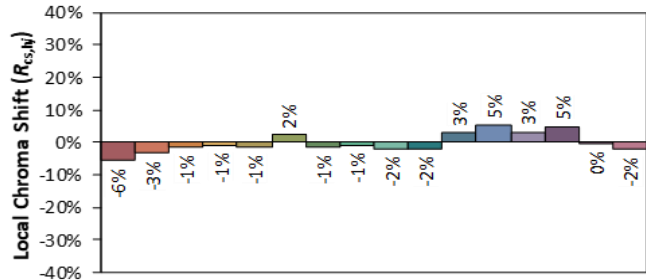
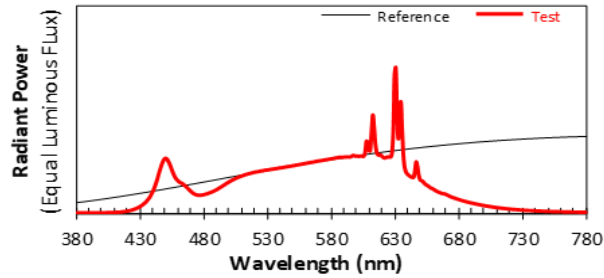
# ANSI/IES TM-30-18 Color Rendition Report

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

