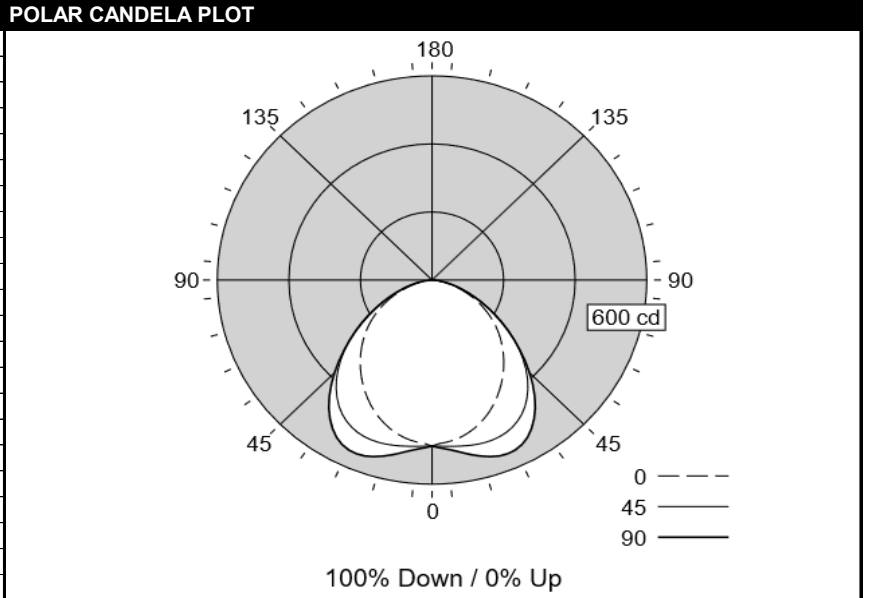


# LEDALITE - TRUGROOVE SUSPENDED

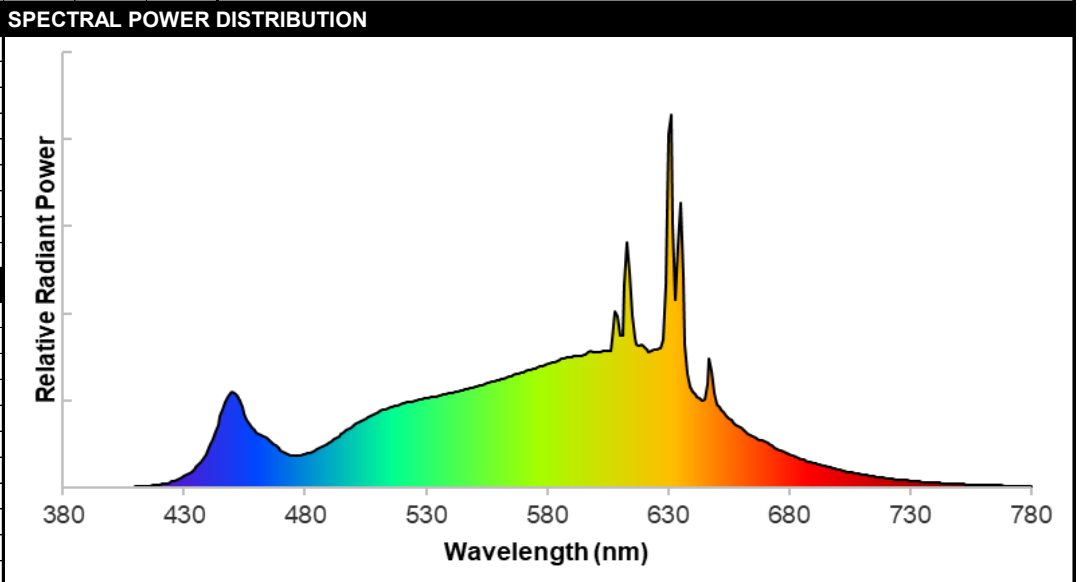
<b>TEST DATE:</b>	04 May 2021	<b>CATALOG NO:</b>	29x1L93015QN
<b>Lamp Type:</b>	LED	<b>Description:</b>	DIRECT MESO 1500LM 930
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1403 lm 100%
<b>Input Watts:</b>	277 VAC 14.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	100% Down / 0% Up 95.4
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG01204

	Flux					
	0	22.5	45	67.5	90	Lumens
0	488	488	488	488	488	
5	478	485	491	496	499	47
15	452	470	499	525	536	141
25	405	437	494	536	551	224
35	345	384	453	490	497	273
45	278	313	371	387	385	270
55	207	228	262	264	259	220
65	130	138	152	151	149	145
75	59	62	66	67	66	69
85	11	11	12	13	13	15
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	Meets RP-1-12 recommendations for VDT-Critical spaces				Pc---	80												70	50			0
Direct: Peak Candela & Angle (0°)	487.9	0.0																				
Direct: Peak Candela & Angle (90°)	552.7	22.5																				
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	20.5	0.505	5	77	65	56	50	75	64	56	62	55	49	46							
x, y, CCT, D <sub>uv</sub>	0.4325	0.4005	3047	-0.0008	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	57	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>mh1</sub>	91	90	100	-5%	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	412	29.3%	29.3%
0-40	684	48.8%	48.8%
0-60	1174	83.7%	83.7%
0-90	1403	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	1403	100.0%	100.0%

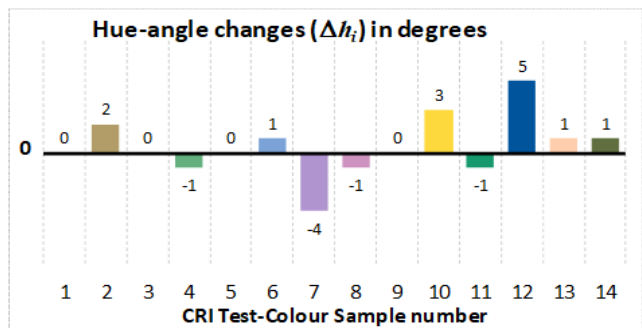
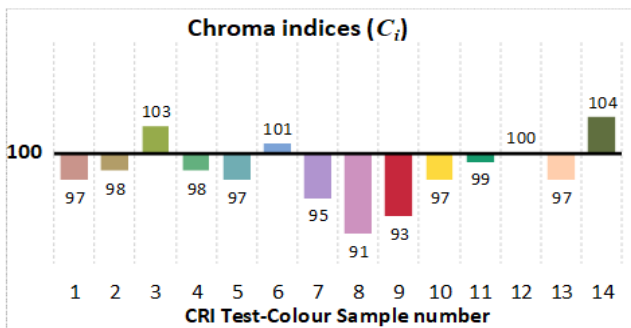
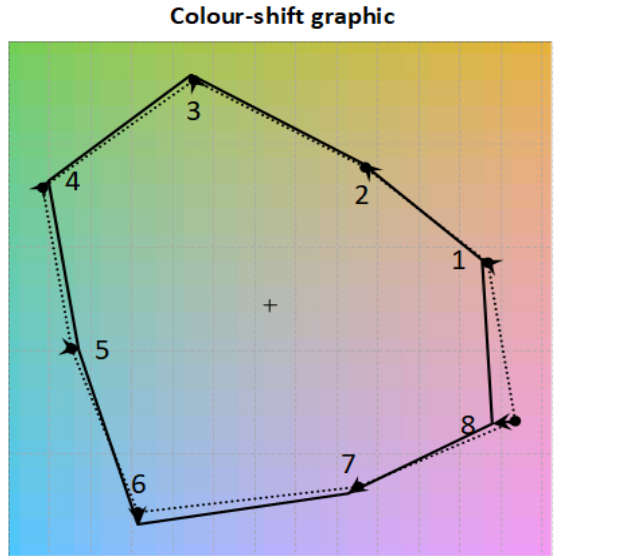
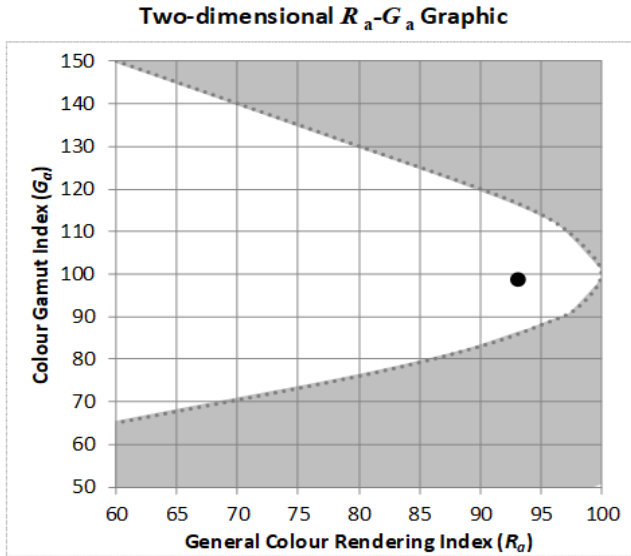
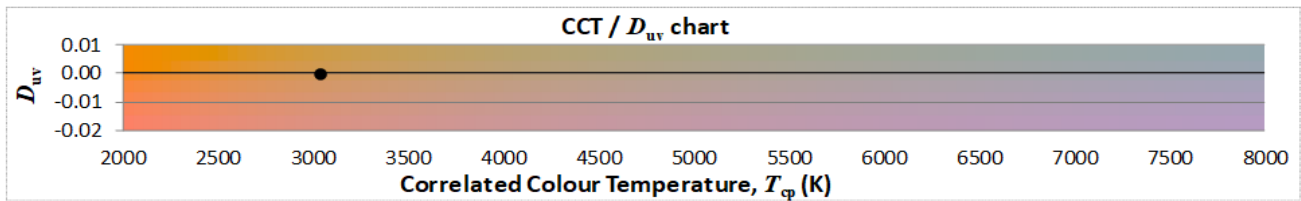
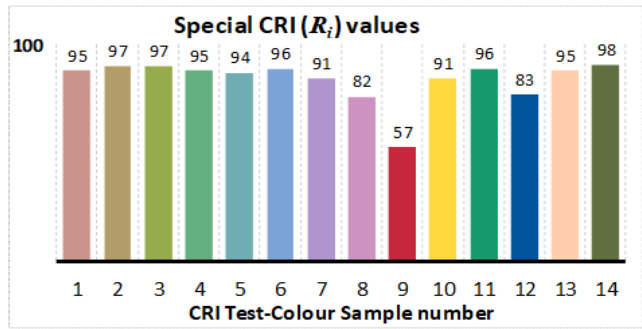
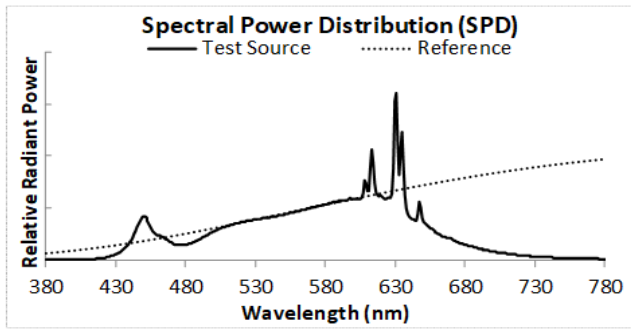


	0	45	90
0	5250	5250	5250
5	5166	5301	5393
15	5040	5563	5971
25	4812	5860	6542
35	4529	5953	6532
45	4232	5649	5862
55	3883	4909	4866
65	3320	3878	3788
75	2465	2756	2744
85	1358	1506	1568

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

<b>Test Number:</b>	T20201106	<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>	3047	<b>CIE1931 chromaticity coordinate, <math>x</math></b>	0.4325
<b>Distance to Blackbody Locus (<math>D_{uv}</math>)</b>	-0.0008	<b>CIE1931 chromaticity coordinate, <math>y</math></b>	0.4005
<b>General Colour Rendering Index (<math>R_a</math>)</b>	93	<b>CIE1976 chromaticity coordinate, <math>u'</math></b>	0.2492
<b>Red Rendering Index (<math>R_9</math>)</b>	57	<b>CIE1976 chromaticity coordinate, <math>v'</math></b>	0.5193
<b>Colour Gamut Index (<math>G_a</math>)</b>	99		
<b>Red Chroma Index (<math>C_9</math>)</b>	93		



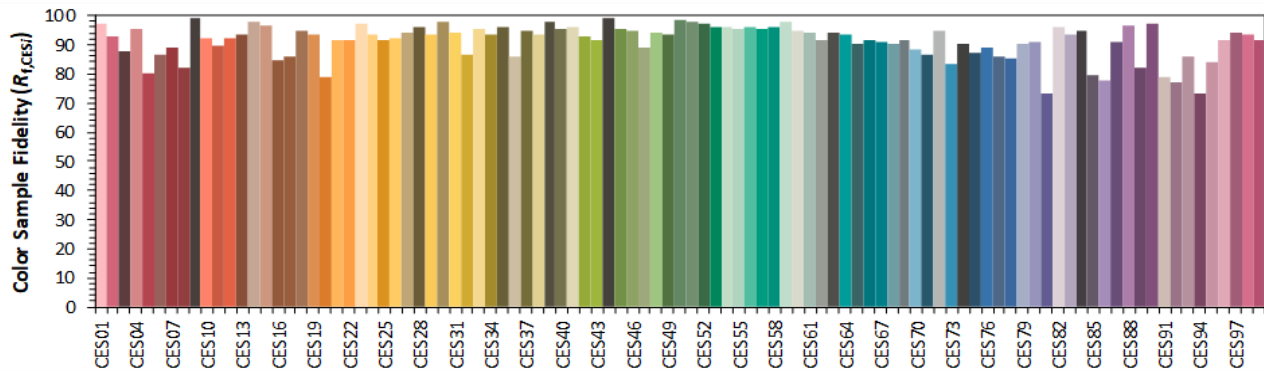
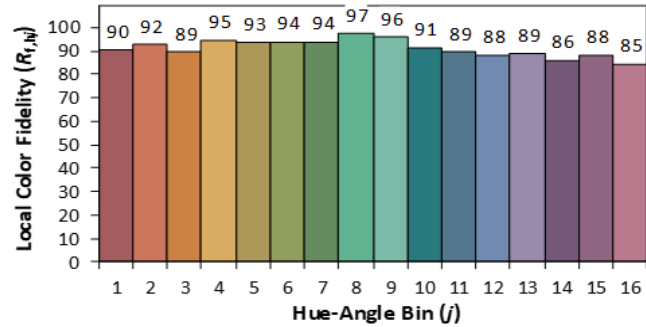
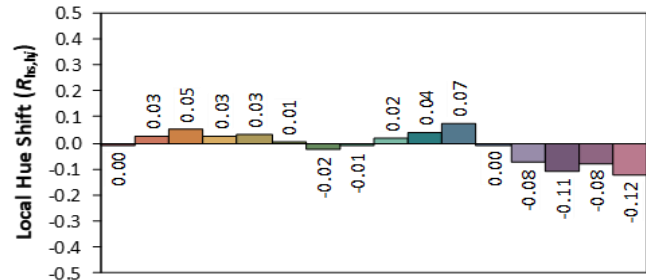
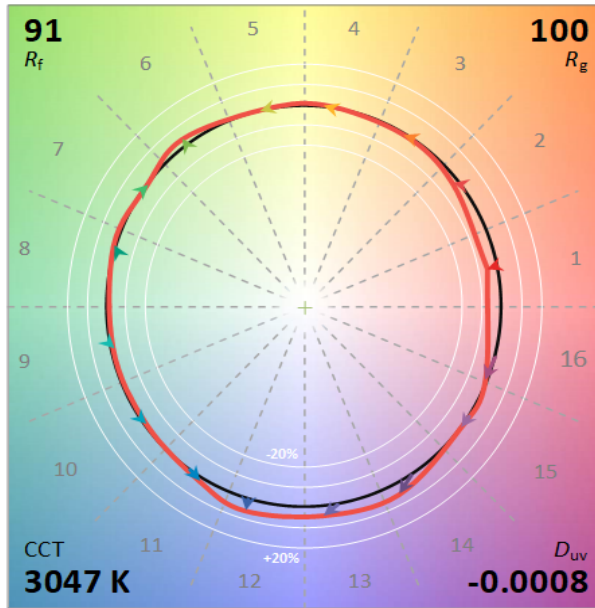
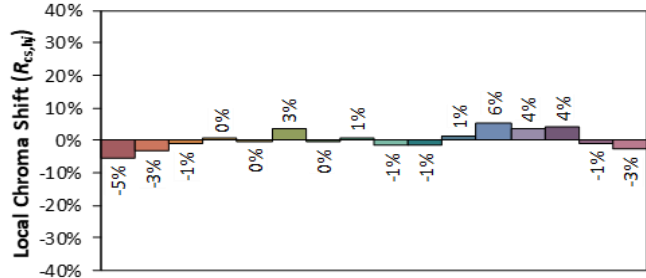
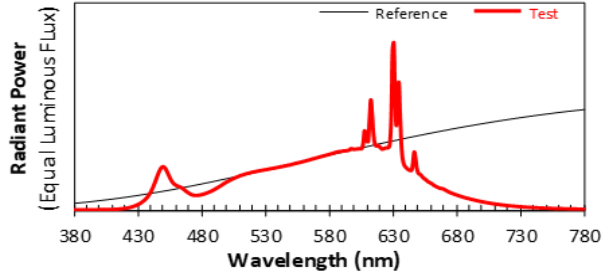
# ANSI/IES TM-30-18 Color Rendition Report

Source: 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

