

**LM-79-08 Test Report**  
For  
**RAB LIGHTING INC**

**(Brand Name: N/A)**

170 Ludlow Ave, PO BOX 970, Northvale, NJ 07647-2305 USA

**Model name(s):**  
**DSK34-6/LCB**

**Report Type:** Testing and Report According to IES LM-79-2008

**Type of  
Luminaire:** Downlights

**Report Date:** 2023-10-27

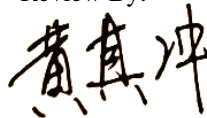
**Prepared By:**

Test & Report By:



Engineer: Sun Fangfang

Review By:



Manager: Huang Qichong

<b>1.1 Rated Values:</b>	
Rated Voltage / Frequency	120Vac, 60 Hz
Nominal Power	15.0 W
Rated Initial Lamp Lumen	1100 lm
Declared CCT	2700K/3000K/3500K/4000K/5000K/6500K

### 1.2 Test Specifications:

Test item	<ol style="list-style-type: none"> <li>1. Total Luminous Flux</li> <li>2. Luminous Distribution Intensity</li> <li>3. Luminous Efficacy</li> <li>4. Correlated Color Temperature</li> <li>5. Color Rendering Index</li> <li>6. Chromaticity Coordinate</li> <li>7. Electrical Parameters</li> </ol>
Reference Standard	<ol style="list-style-type: none"> <li>1. IES LM-79-2008 Electrical and Photometric Measurements of Solid-State Lighting Products</li> <li>2. ANSI C78.377-2015 Specifications for the Chromaticity of Solid State Lighting Products</li> <li>3. CIE 13.3-1995 Method of Measuring and Specifying Colour Rendering Properties of Light Sources</li> <li>4. CIE 15-2004 Technical Report Colorimetry</li> <li>5. IESNA LM-16-93 Practical Guide to Colorimetry of Light Source</li> <li>6. IESNA TM-16-05 Technical Memorandum on Light Emitting Diode (LED) Sources and Systems</li> </ol>
Reference Work Instruction	QD25

### 1.3 Test Methods

#### 1) Photometric and Light Distribution Measurement – Goniophotometer Method:

Photometric parameters were measured using the goniophotometer and software. The ambient temperature shall be maintained at 25°C ±1°C, measured at a point not more than 1 m from the sample and at the same height as the sample. The sample was operated at 120 or rated Volts AC, 60Hz. It was stabilized before measurement was made. Luminous flux, luminaire efficacy, zonal lumen were calculated from the software taken at 1°vertical intervals and 22.5°horizontal intervals.

#### 2) Chromaticity Measurement – Sphere-Spectroradiometer Method:

Chromaticity parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at 25°C ±1°C. The sample measurements were made using a spectroradiometer connected by a fiber optic cable and detector through the detector port of the integrating sphere. The sample was operated at 120 or rated Volts AC, 60Hz. It was stabilized before measurement was made. Chromaticity coordinates, correlated color temperature and color rendering index were calculated from the spectral power distribution taken at 5 nm intervals over the range of 380 to 780 nm.

#### 3) Electrical Measurements:

Electrical parameters were measured using power meters incorporated in goniophotometer or sphere-spectroradiometer system. The ambient temperature surrounding the sample was maintained at 25°C ±1°C. The sample was operated at 120 or rated Volts AC, 60Hz. It was stabilized before measurement was made. Voltage, frequency, current, power, power factor and total harmonic distortion were measured by and read from the power meter.

## 2.1.1 Electrical, Photometric and Chromaticity Measurements

<b>Test date</b>	2023-10-26	<b>Test Ambient:</b>	25.3 °C
<b>Test Orientation</b>	As intended	<b>Stabilization Time (min)</b>	90
<b>Model Number</b>	DSK34-6/LCB	2700K	

### Electrical Measurement:

Sample No.	Voltage (Vac)	Frequency (Hz )	Current (A)	Power (W)	Power Factor
202310210042	120.0	60	0.123	14.60	0.987

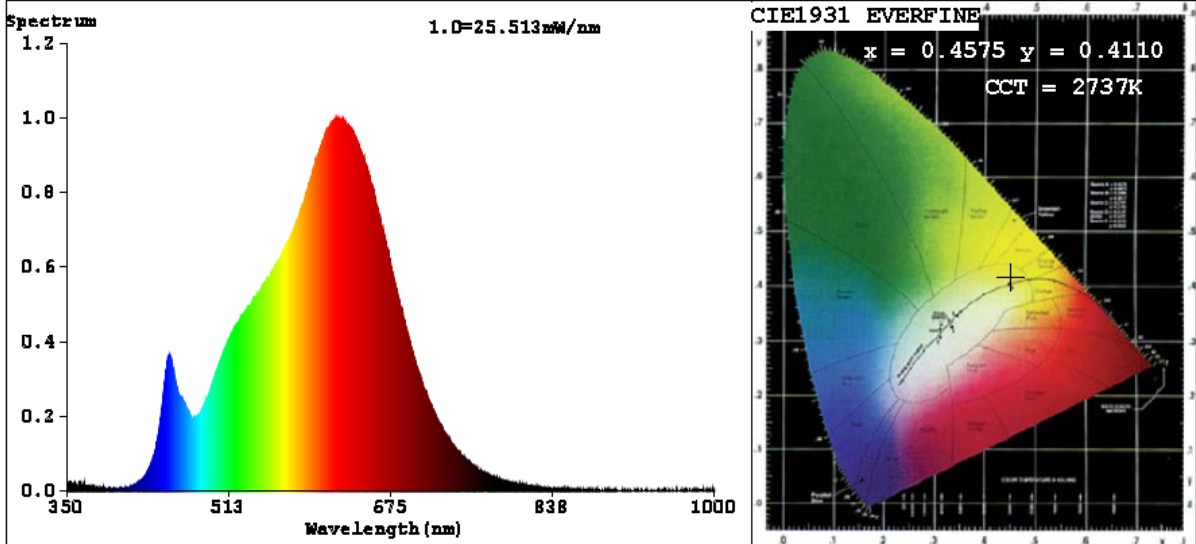
### Chromaticity Measurement - Sphere-Spectroradiometer Method:

Parameter	Result	Special Color Rendering Indices			
Test Voltage (V)	120	R1	95	R9	65
Frequency (Hz)	60	R2	98	R10	94
CCT (K)	2737	R3	99	R11	97
Duv	0.0004	R4	96	R12	86
Chromaticity (x, y)	x=0.4575 y=0.4110	R5	95	R13	96
Chromaticity (u', v')	u'=0.2608 v'=0.5271	R6	98	R14	99
Color Rendering Index (CRI)	94.7	R7	93	R15	91
R9	65	R8	84	--	--

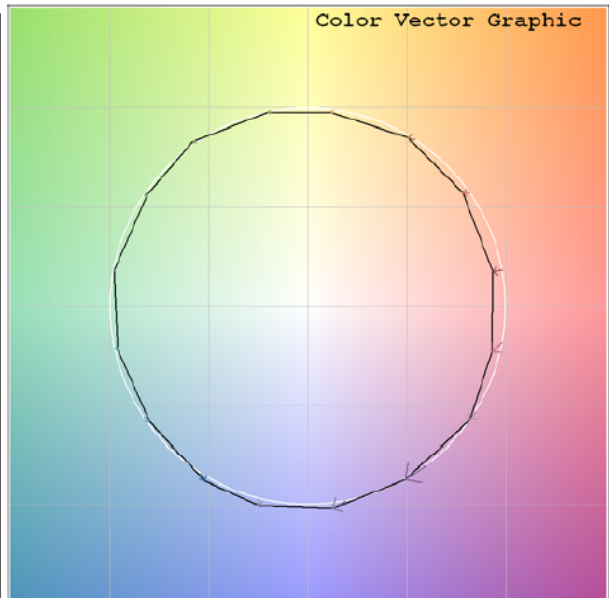
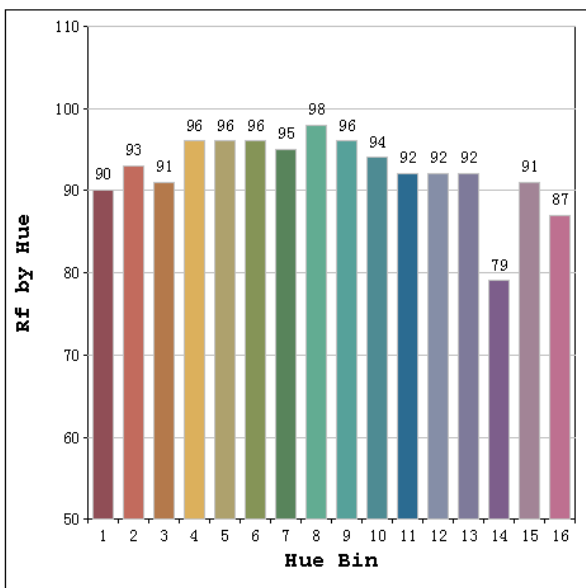
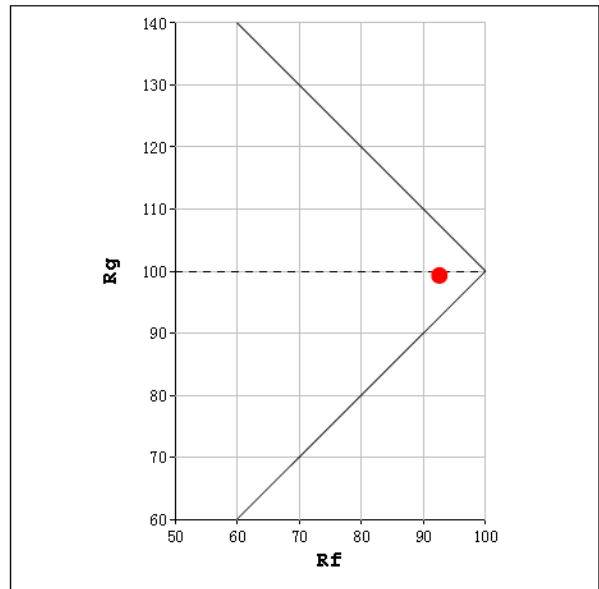
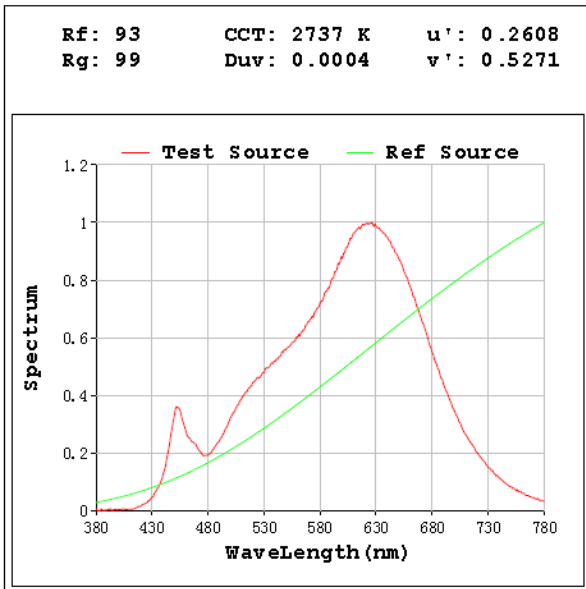
### Photometric Measurement – Goniophotometer Method:

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1163.6
Luminous Efficacy (lm/W)	79.70
Beam Angle (°)	112.0
Center Beam Candle Power (cd)	392.8

# Spectral Power Distribution & Chromaticity Diagram



## TM30



# Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	303.6	26.1%
0-40	494.9	42.5%
0-60	874.3	75.1%
60-90	255.5	22.0%
70-100	121.4	10.4%
90-120	11.8	1.0%
0-90	1129.8	97.1%
90-180	33.9	2.9%
0-180	1163.7	100.0%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	37.1	3.2%	90-100	5.2	0.4%
10-20	106.2	9.1%	100-110	2.5	0.2%
20-30	160.3	13.8%	110-120	4.1	0.4%
30-40	191.4	16.4%	120-130	5.7	0.5%
40-50	198.7	17.1%	130-140	5.9	0.5%
50-60	180.6	15.5%	140-150	5.1	0.4%
60-70	139.2	12.0%	150-160	3.5	0.3%
70-80	84.6	7.3%	160-170	1.5	0.1%
80-90	31.6	2.7%	170-180	0.4	0.0%

## Photometric Data

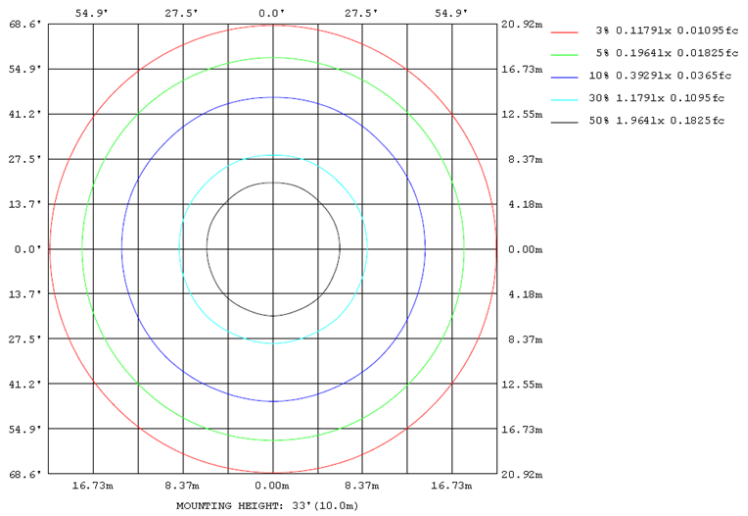
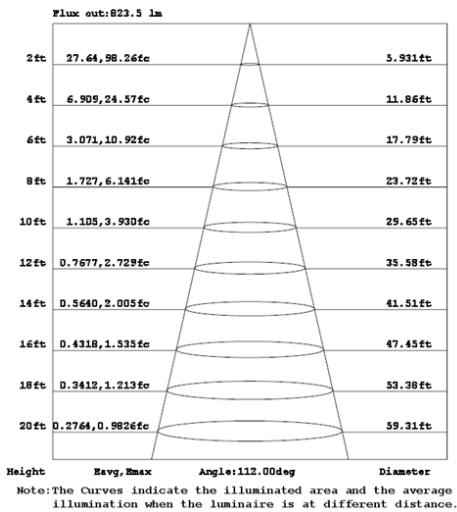
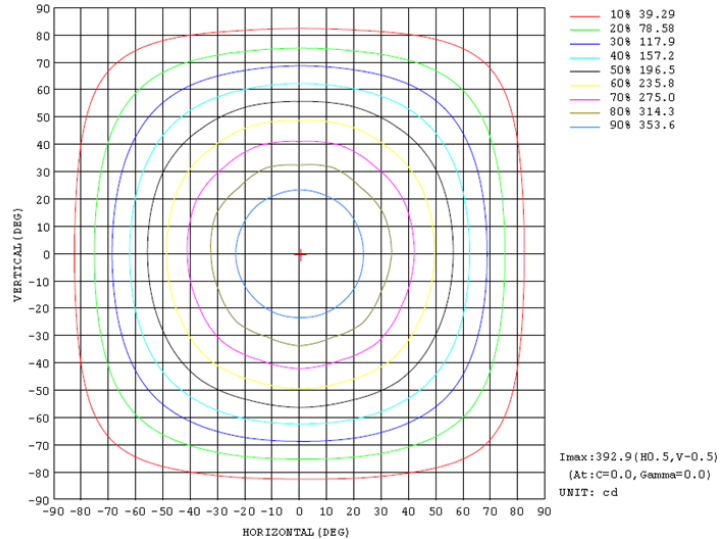
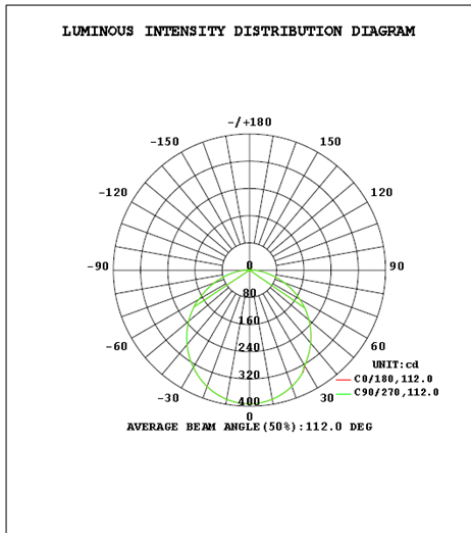


Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393			
5	391	391	391	391	391	391	391	391	391	391	391	391	391	391	391	391			
10	386	386	386	386	386	385	385	385	385	385	385	385	385	385	386	386			
15	377	377	377	377	377	376	376	376	376	376	376	376	376	376	377	377			
20	364	365	364	365	364	364	363	363	364	363	363	363	364	363	364	364			
25	349	349	349	349	349	349	348	348	348	347	348	347	348	348	349	349			
30	330	325	330	325	330	324	329	323	324	328	323	329	324	329	325	330			
35	309	305	309	305	309	304	308	302	303	307	302	307	303	308	304	309			
40	286	282	286	282	286	281	284	279	280	284	279	284	280	285	281	286			
45	261	257	261	257	260	256	259	254	255	258	254	258	255	259	256	261			
50	233	230	234	230	233	229	232	228	228	231	227	231	228	232	230	234			
55	205	202	205	202	205	201	203	199	200	202	199	202	200	204	202	205			
60	172	173	172	173	171	172	170	170	170	169	170	169	171	170	172	172			
65	142	143	142	142	141	141	139	139	140	139	140	139	140	140	142	142			
70	111	112	111	112	110	110	109	109	109	108	109	108	110	110	111	111			
75	80.5	81.7	80.9	81.6	80.2	80.2	78.6	78.7	79.2	78.0	78.8	78.4	79.6	79.4	81.0	81.0			
80	51.9	53.2	52.5	53.2	52.1	52.2	50.7	50.8	51.3	50.2	50.8	50.2	51.4	51.0	52.5	52.3			
85	27.7	28.7	28.4	29.1	28.3	28.4	27.3	27.3	27.7	26.7	27.2	26.6	27.4	27.1	28.2	28.0			
90	11.1	11.7	11.7	12.2	11.9	12.0	11.4	11.4	11.5	10.9	11.1	10.8	11.1	10.9	11.4	11.3			
95	3.54	3.75	3.74	4.10	3.97	4.08	3.76	3.83	3.74	3.50	3.58	3.50	3.60	3.43	3.54	3.55			
100	2.05	1.84	1.88	2.08	2.15	2.05	2.16	2.20	1.91	1.72	1.64	1.80	1.80	1.89	1.94	2.06			
105	2.63	2.22	2.19	2.43	2.56	2.60	2.57	2.76	2.36	1.67	1.59	1.80	2.35	2.50	2.18	2.42			
110	3.51	3.17	3.26	3.21	3.38	3.34	3.04	3.53	2.89	2.21	1.96	2.47	3.05	3.10	2.91	3.19			
115	4.57	4.71	5.02	4.91	4.41	4.14	4.13	4.55	4.12	3.81	3.41	3.55	3.97	3.88	3.90	3.96			
120	5.58	6.03	6.93	6.43	5.37	5.11	5.76	5.38	5.29	5.36	5.10	5.14	5.04	4.45	4.69	4.78			
125	6.96	7.87	7.36	7.24	6.33	6.02	5.82	6.34	6.79	7.57	6.46	6.46	6.00	5.60	5.08	6.10			
130	7.40	8.21	7.91	7.92	6.88	6.64	6.61	7.01	7.16	7.97	7.26	7.28	6.70	6.37	5.97	6.51			
135	8.45	8.48	8.46	8.18	7.32	7.16	7.12	7.34	8.44	8.21	7.90	7.77	7.03	7.06	6.45	6.93			
140	8.99	8.60	8.80	8.51	7.73	7.81	7.17	7.29	8.75	8.25	8.26	7.87	7.35	7.69	6.14	6.81			
145	8.93	9.33	9.00	8.72	8.28	8.36	6.77	7.30	8.74	9.37	8.79	8.43	8.46	7.86	5.80	6.83			
150	8.35	9.24	9.35	9.25	8.08	7.97	6.35	6.59	9.41	8.67	8.72	9.24	7.83	7.63	5.85	6.70			
155	6.63	9.34	9.94	9.18	8.73	6.14	6.15	5.67	7.89	9.69	9.84	9.07	8.39	5.77	5.92	5.91			
160	6.00	6.84	8.15	8.14	7.05	4.85	5.45	5.60	5.74	6.83	7.49	7.23	6.81	4.99	5.14	5.73			
165	5.73	5.38	5.81	5.56	4.89	4.67	4.98	5.50	5.48	5.34	5.19	5.08	5.22	4.74	4.71	5.42			
170	4.81	4.80	4.71	4.64	4.56	4.51	4.57	4.73	4.82	5.11	4.88	4.66	4.48	4.54	4.52	4.57			
175	4.32	4.32	4.34	4.40	4.26	4.26	4.30	4.15	4.23	4.19	4.12	4.13	4.13	4.27	4.30	4.31			
180	4.22	4.18	4.18	4.17	4.16	4.16	4.18	4.17	4.25	4.21	4.17	4.17	4.17	4.16	4.16	4.17			

## 2.1.2 Electrical, Photometric and Chromaticity Measurements

Test date	2023-10-26	Test Ambient:	25.3 °C
Test Orientation	As intended	Stabilization Time (min)	90
Model Number	DSK34-6/LCB	3000K	

### Electrical Measurement:

Sample No.	Voltage (Vac)	Frequency (Hz )	Current (A)	Power (W)	Power Factor
202310210042	120.0	60	0.123	14.60	0.987

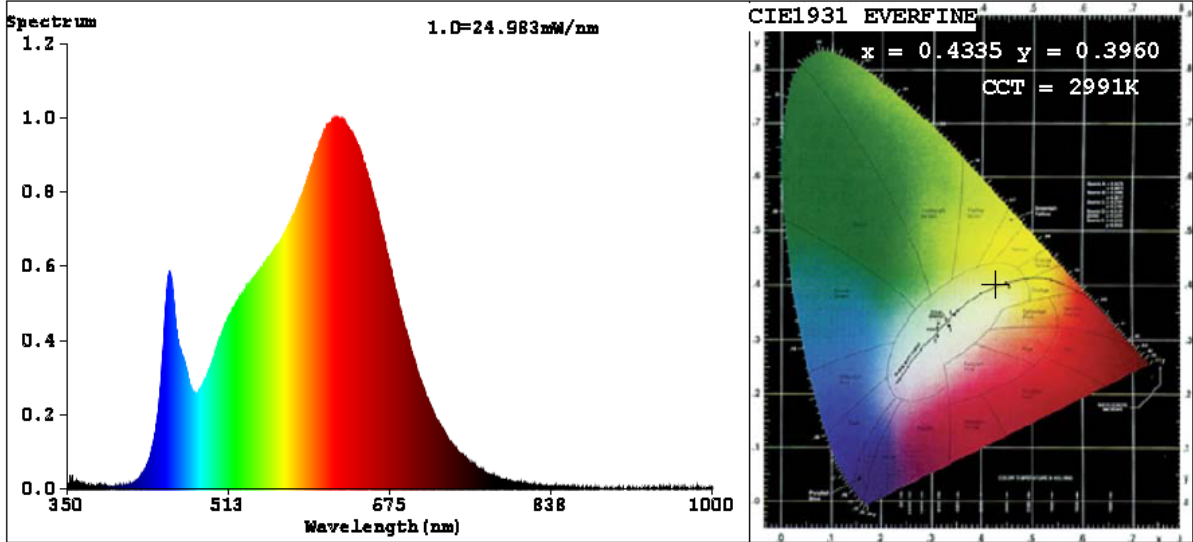
### Chromaticity Measurement - Sphere-Spectroradiometer Method:

Parameter	Result	Special Color Rendering Indices			
Test Voltage (V)	120	R1	97	R9	73
Frequency (Hz)	60	R2	99	R10	98
CCT (K)	2991	R3	99	R11	97
Duv	0.0028	R4	96	R12	85
Chromaticity (x, y)	x=0.4335 y=0.3960	R5	97	R13	99
Chromaticity (u', v')	u'=0.2519 v'=0.5176	R6	96	R14	99
Color Rendering Index (CRI)	95.6	R7	93	R15	94
R9	73	R8	87	--	--

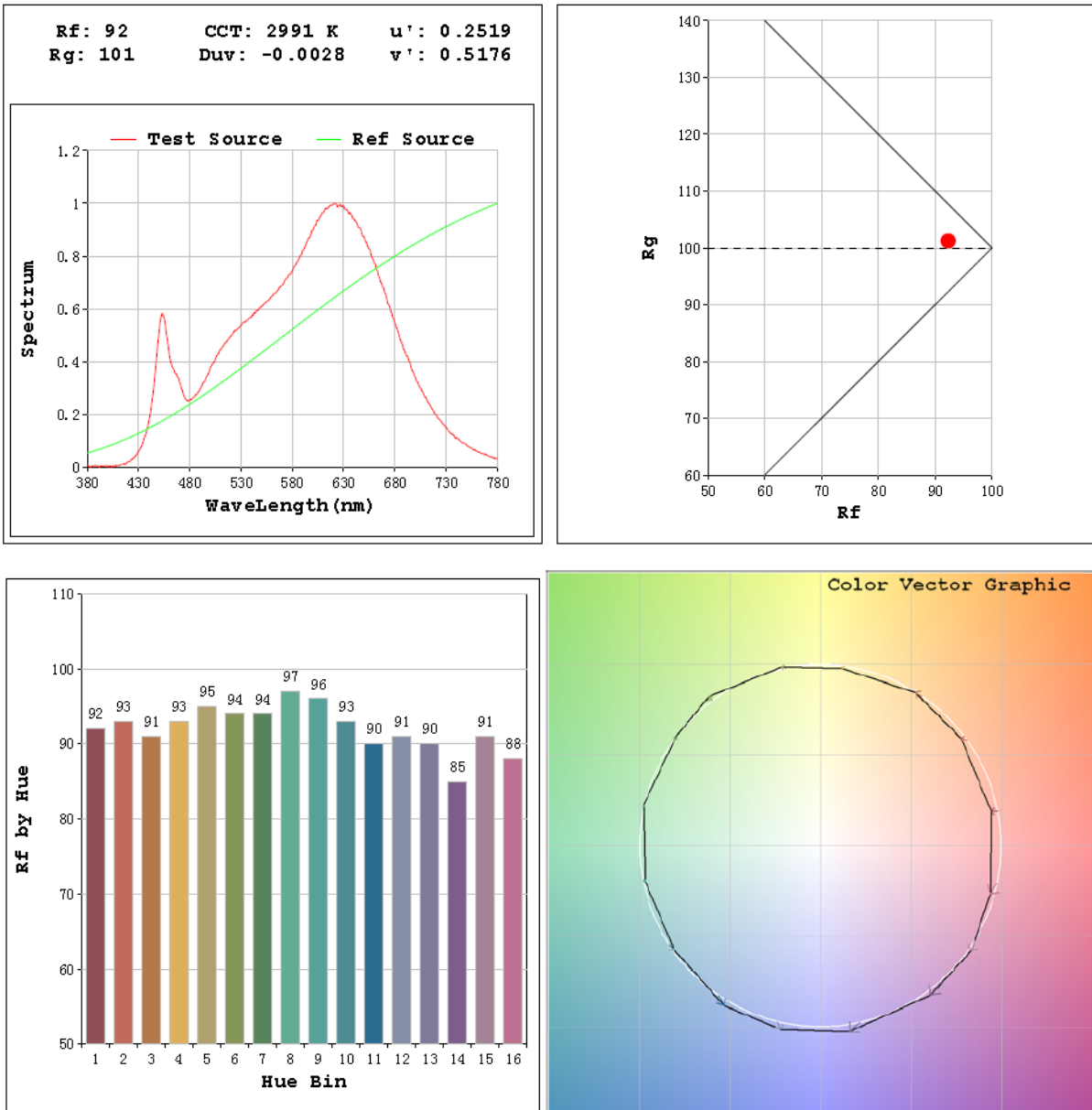
### Photometric Measurement – Goniophotometer Method:

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1207.4
Luminous Efficacy (lm/W)	82.70
Beam Angle (°)	112.1
Center Beam Candle Power (cd)	407.3

# Spectral Power Distribution & Chromaticity Diagram



## TM30



# Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	315.0	26.1%
0-40	513.7	42.5%
0-60	907.3	75.1%
60-90	265.0	22.0%
70-100	125.9	10.4%
90-120	12.2	1.0%
0-90	1172.3	97.1%
90-180	35.1	2.9%
0-180	1207.4	100.0%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	38.5	3.2%	90-100	5.3	0.4%
10-20	110.1	9.1%	100-110	2.6	0.2%
20-30	166.4	13.8%	110-120	4.3	0.4%
30-40	198.7	16.5%	120-130	5.9	0.5%
40-50	206.1	17.1%	130-140	6.1	0.5%
50-60	187.5	15.5%	140-150	5.3	0.4%
60-70	144.5	12.0%	150-160	3.6	0.3%
70-80	87.8	7.3%	160-170	1.6	0.1%
80-90	32.8	2.7%	170-180	0.4	0.0%

## Photometric Data

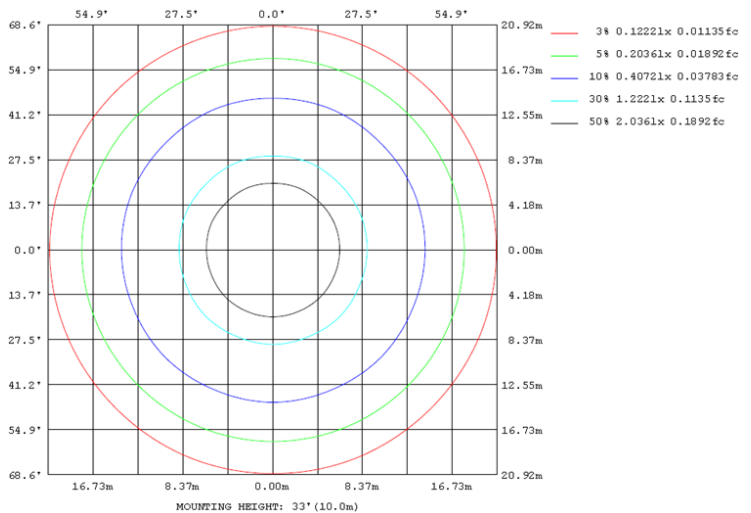
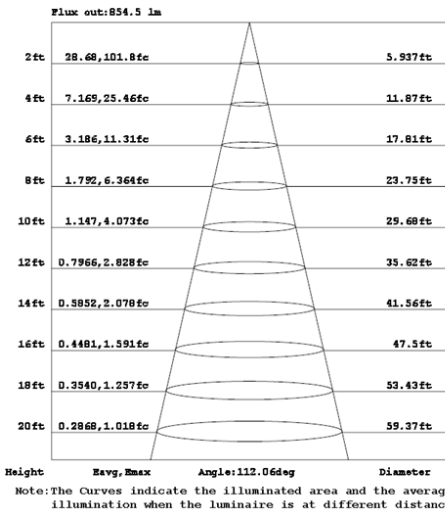
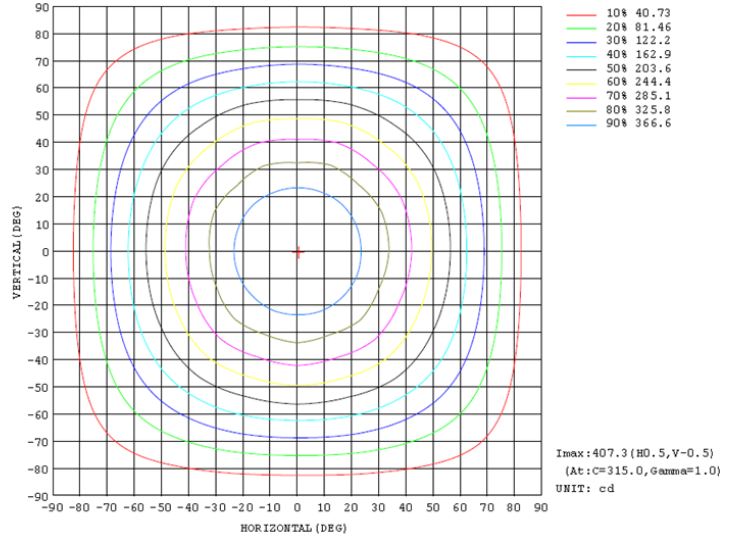
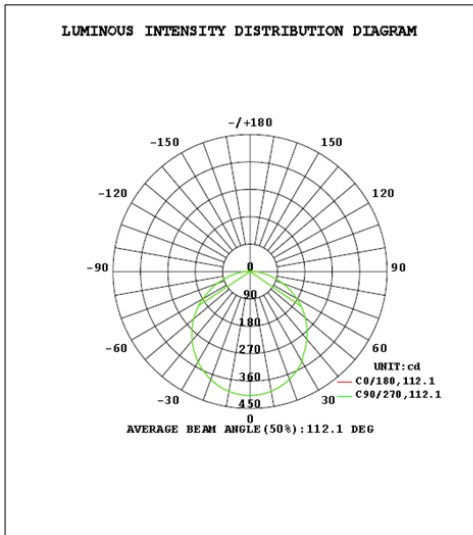


Table--1

UNIT: cd

γ (DEG)	C(DEG)																		
	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	407	407	407	407	407	407	407	407	407	407	407	407	407	407	407	407			
5	405	406	405	406	405	405	405	405	405	405	405	405	405	405	406	405			
10	399	400	400	400	400	400	399	399	399	399	399	399	399	399	400	400			
15	390	391	390	391	390	390	390	390	390	389	390	390	390	390	391	391			
20	377	378	378	378	378	378	377	377	377	376	377	376	377	377	378	378			
25	361	362	362	362	361	361	360	361	361	360	360	360	361	361	362	362			
30	342	343	343	343	342	342	341	341	342	341	341	341	342	341	343	343			
35	320	316	321	316	320	315	319	314	314	319	313	319	314	320	315	321			
40	296	292	297	292	296	291	295	290	290	294	290	294	290	295	292	297			
45	270	266	271	267	270	265	269	264	264	268	264	268	264	269	266	271			
50	242	239	243	239	242	238	241	236	236	240	236	240	237	241	238	243			
55	212	210	213	210	212	209	211	207	207	210	207	210	207	211	209	213			
60	180	179	180	179	180	178	178	176	177	177	177	177	177	179	179	180			
65	147	148	147	148	146	146	145	145	145	144	145	144	146	146	147	147			
70	115	116	115	116	114	115	113	113	113	112	113	112	114	114	116	116			
75	83.5	84.7	84.0	84.6	83.2	83.3	81.6	81.7	82.2	81.0	81.8	81.3	82.6	82.5	84.1	84.0			
80	53.9	55.1	54.5	55.2	54.0	54.1	52.6	52.8	53.2	52.0	52.7	52.1	53.3	53.0	54.5	54.3			
85	28.7	29.7	29.4	30.2	29.3	29.5	28.3	28.4	28.7	27.7	28.2	27.6	28.5	28.1	29.3	29.0			
90	11.5	12.1	12.1	12.6	12.3	12.4	11.8	11.7	11.8	11.3	11.4	11.1	11.5	11.3	11.8	11.7			
95	3.65	3.88	3.86	4.22	4.08	4.19	3.86	3.96	3.85	3.61	3.70	3.61	3.71	3.54	3.65	3.66			
100	2.13	1.91	1.94	2.16	2.23	2.12	2.25	2.28	1.98	1.77	1.72	1.88	1.88	1.96	2.01	2.13			
105	2.73	2.31	2.27	2.50	2.63	2.70	2.66	2.85	2.44	1.73	1.65	1.88	2.42	2.58	2.28	2.51			
110	3.62	3.30	3.39	3.33	3.49	3.47	3.16	3.65	2.99	2.29	2.04	2.55	3.15	3.22	3.03	3.27			
115	4.71	4.89	5.21	5.05	4.53	4.17	4.31	4.70	4.24	3.95	3.53	3.67	4.11	4.09	4.06	4.08			
120	5.75	6.27	7.17	6.66	5.50	5.30	5.85	5.54	5.46	5.57	5.34	5.34	5.17	4.64	4.91	5.17			
125	7.15	8.20	7.76	7.56	6.51	6.26	6.07	6.51	6.96	7.85	6.81	6.72	6.12	5.87	5.25	6.28			
130	7.70	8.62	8.40	8.31	7.09	6.88	6.86	7.20	7.40	8.45	7.69	7.62	6.91	6.53	6.20	6.66			
135	8.69	8.92	8.95	8.51	7.55	7.44	7.39	7.55	8.64	8.63	8.33	8.12	7.26	7.28	6.68	7.08			
140	9.26	9.03	9.27	8.87	8.01	8.04	7.43	7.51	9.01	8.70	8.72	8.22	7.63	7.97	6.35	6.99			
145	9.21	9.74	9.47	9.05	8.57	8.58	7.01	7.51	9.03	9.74	9.25	8.76	8.68	8.15	5.99	7.03			
150	8.54	9.67	9.83	9.54	8.41	8.18	6.55	6.77	9.58	9.11	9.22	9.49	8.17	7.84	6.05	6.86			
155	6.77	9.60	10.2	9.49	9.03	6.34	6.29	5.86	8.06	9.93	10.0	9.36	8.71	5.96	6.08	6.08			
160	6.21	7.04	8.52	8.54	7.20	5.01	5.61	5.79	5.93	7.07	7.87	7.57	6.95	5.17	5.29	5.91			
165	5.92	5.57	6.00	5.72	5.07	4.83	5.15	5.70	5.66	5.53	5.37	5.27	5.42	4.90	4.89	5.60			
170	4.98	4.98	4.87	4.79	4.74	4.67	4.73	4.90	5.00	5.29	5.06	4.83	4.64	4.70	4.70	4.74			
175	4.49	4.48	4.52	4.55	4.43	4.43	4.46	4.31	4.39	4.35	4.29	4.27	4.27	4.43	4.47	4.48			
180	4.38	4.33	4.33	4.32	4.33	4.34	4.34	4.33	4.40	4.35	4.34	4.32	4.32	4.32	4.33	4.35			

### 2.1.3 Electrical, Photometric and Chromaticity Measurements

<b>Test date</b>	2023-10-26	<b>Test Ambient:</b>	25.3 °C
<b>Test Orientation</b>	As intended	<b>Stabilization Time (min)</b>	90
<b>Model Number</b>	DSK34-6/LCB	3500K	

#### Electrical Measurement:

Sample No.	Voltage (Vac)	Frequency (Hz )	Current (A)	Power (W)	Power Factor
202310210042	120.0	60	0.124	14.70	0.987

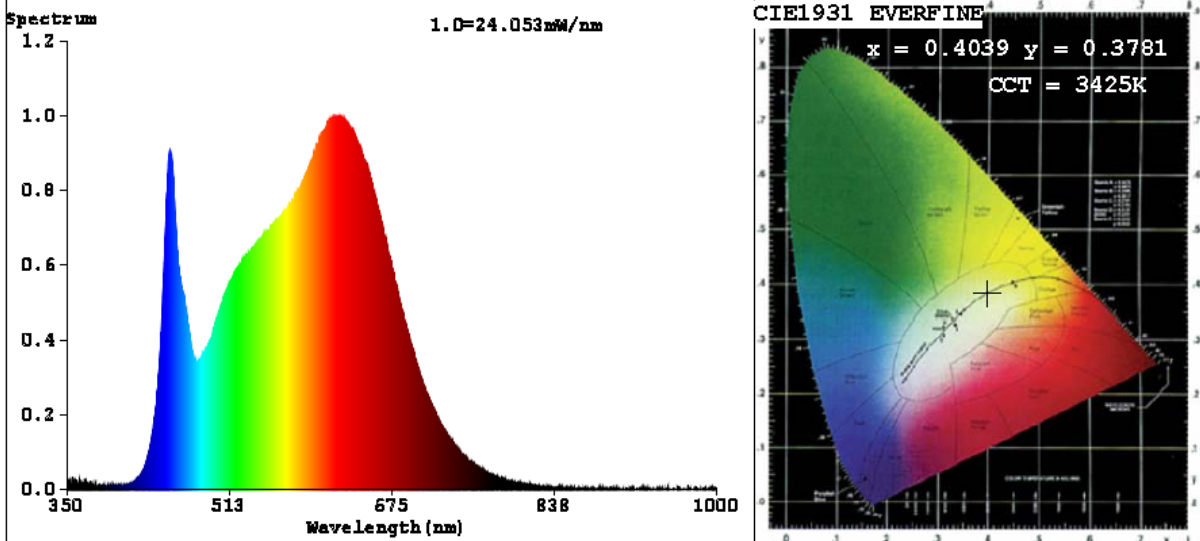
#### Chromaticity Measurement - Sphere-Spectroradiometer Method:

Parameter	Result	Special Color Rendering Indices			
Test Voltage (V)	120	R1	98	R9	83
Frequency (Hz)	60	R2	98	R10	98
CCT (K)	3425	R3	98	R11	97
Duv	-0.0053	R4	97	R12	81
Chromaticity (x, y)	x=0.4039 y=0.3781	R5	98	R13	99
Chromaticity (u', v')	u'=0.2401 v'=0.5057	R6	95	R14	99
Color Rendering Index (CRI)	96.3	R7	94	R15	98
R9	83	R8	91	--	--

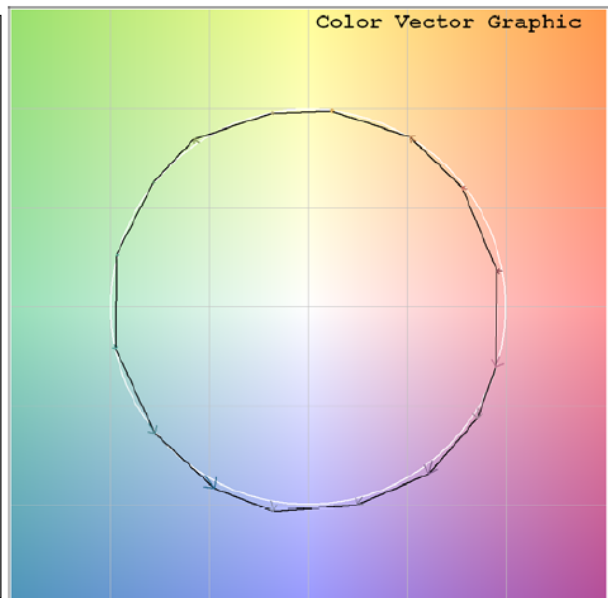
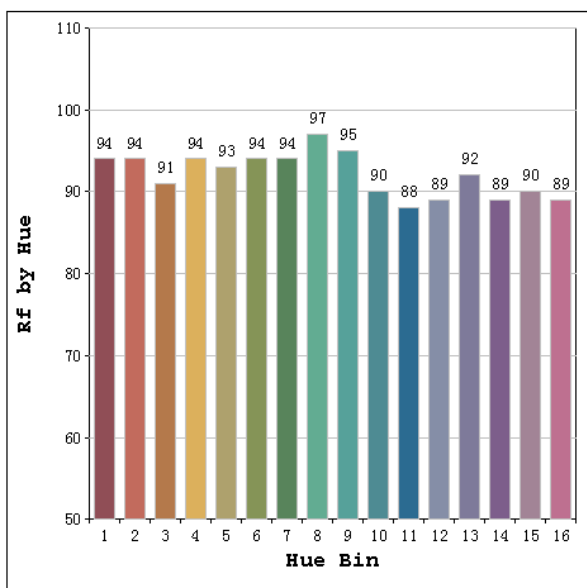
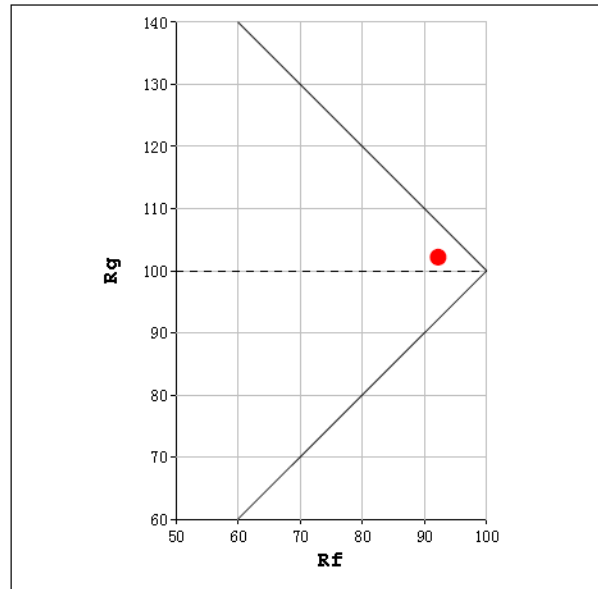
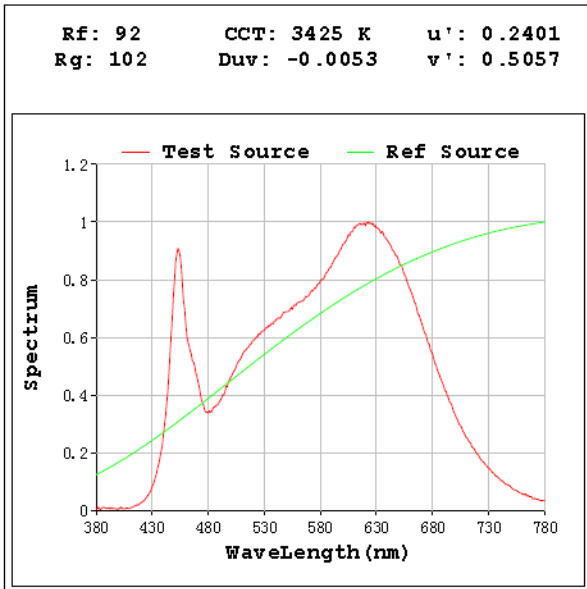
#### Photometric Measurement – Goniophotometer Method:

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1258.4
Luminous Efficacy (lm/W)	85.60
Beam Angle (°)	112.1
Center Beam Candle Power (cd)	424.1

# Spectral Power Distribution & Chromaticity Diagram



## TM30



# Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	328.0	26.1%
0-40	535.5	42.6%
0-60	945.6	75.1%
60-90	276.3	22.0%
70-100	131.1	10.4%
90-120	12.6	1.0%
0-90	1221.9	97.1%
90-180	36.5	2.9%
0-180	1258.4	100.0%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	40.1	3.2%	90-100	5.5	0.4%
10-20	114.6	9.1%	100-110	2.7	0.2%
20-30	173.3	13.8%	110-120	4.4	0.4%
30-40	207.5	16.5%	120-130	6.2	0.5%
40-50	214.7	17.1%	130-140	6.4	0.5%
50-60	195.4	15.5%	140-150	5.5	0.4%
60-70	150.7	12.0%	150-160	3.8	0.3%
70-80	91.5	7.3%	160-170	1.7	0.1%
80-90	34.1	2.7%	170-180	0.5	0.0%

## Photometric Data

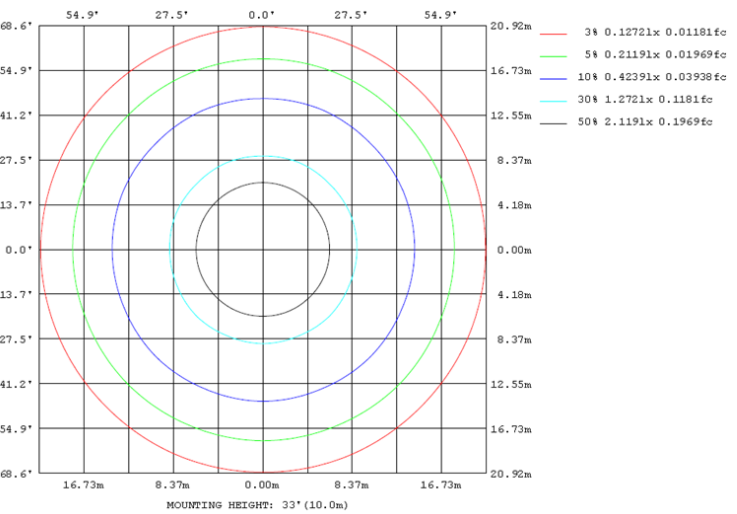
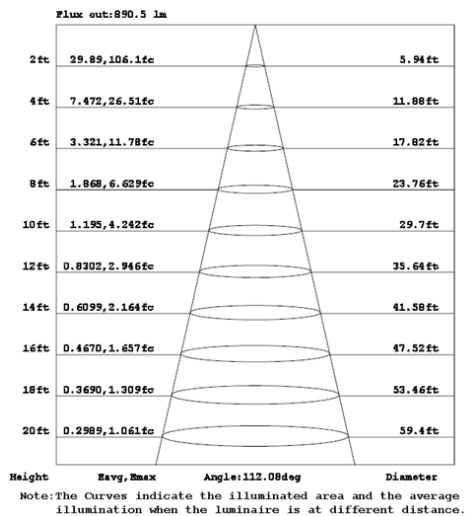
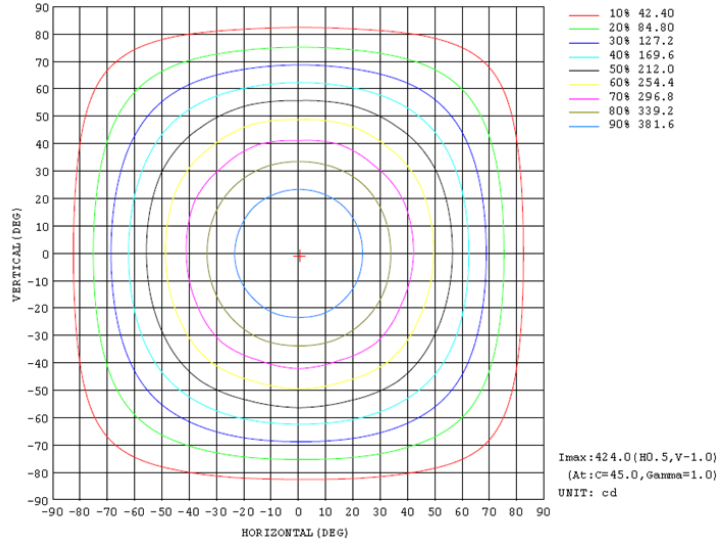
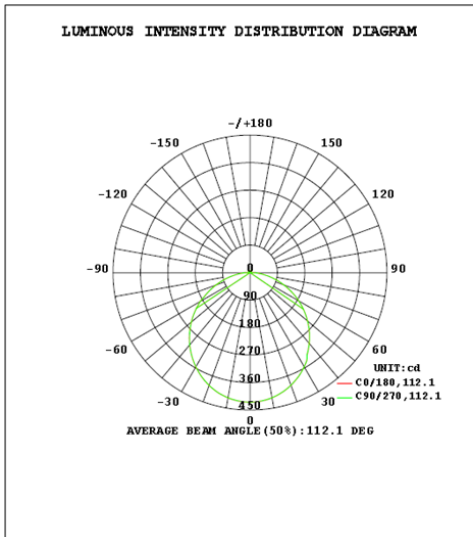


Table--1

UNIT: cd

γ (DEG)	C(DEG)																			
	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5				
0	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424				
5	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422	422				
10	416	417	416	417	416	416	416	416	416	416	416	415	416	416	416	416				
15	407	407	407	407	407	406	406	406	406	405	406	405	406	406	406	406				
20	393	394	393	394	393	393	392	392	393	392	392	392	392	392	392	393	393			
25	376	377	377	377	376	376	375	375	376	375	376	375	376	375	377	377				
30	357	358	357	357	356	357	355	355	356	355	355	355	356	356	357	357				
35	334	332	334	332	334	331	332	327	327	332	327	332	327	333	331	334				
40	309	304	309	304	308	303	307	302	302	307	302	307	302	308	304	309				
45	282	278	282	278	281	276	280	275	275	279	275	279	276	280	277	282				
50	252	249	253	249	252	248	251	246	247	250	246	250	247	251	248	253				
55	221	219	222	219	221	217	219	215	216	219	216	219	216	219	218	222				
60	189	187	190	187	189	185	187	184	184	186	184	187	184	188	186	190				
65	153	154	153	154	152	152	151	151	151	150	151	150	152	152	154	154				
70	120	121	120	121	119	119	117	118	118	117	118	117	119	119	120	120				
75	87.0	88.3	87.6	88.1	86.7	86.7	85.0	85.0	85.6	84.4	85.3	84.7	86.1	85.9	87.7	87.6				
80	56.3	57.5	56.9	57.5	56.2	56.3	54.8	54.9	55.4	54.2	55.0	54.4	55.5	55.3	56.8	56.6				
85	29.9	31.0	30.6	31.3	30.5	30.6	29.5	29.5	29.9	28.8	29.4	28.7	29.6	29.2	30.4	30.2				
90	11.9	12.6	12.5	13.1	12.7	12.8	12.2	12.2	12.2	11.7	11.9	11.5	11.9	11.7	12.2	12.1				
95	3.76	4.01	3.98	4.34	4.22	4.32	3.99	4.08	3.97	3.72	3.83	3.72	3.83	3.66	3.78	3.77				
100	2.21	1.99	2.01	2.24	2.31	2.20	2.33	2.35	2.05	1.84	1.77	1.94	1.95	2.03	2.10	2.21				
105	2.83	2.39	2.36	2.60	2.73	2.79	2.78	2.94	2.53	1.79	1.70	1.94	2.51	2.69	2.39	2.61				
110	3.75	3.43	3.53	3.45	3.61	3.61	3.29	3.76	3.11	2.38	2.12	2.65	3.26	3.35	3.16	3.35				
115	4.87	5.09	5.45	5.21	4.68	4.26	4.52	4.85	4.38	4.11	3.68	3.81	4.25	4.27	4.24	4.17				
120	5.95	6.55	7.49	6.92	5.66	5.52	6.02	5.71	5.64	5.81	5.61	5.57	5.29	4.85	5.14	5.39				
125	7.35	8.60	8.26	7.91	6.71	6.51	6.36	6.70	7.13	8.16	7.24	7.05	6.29	6.13	5.46	6.46				
130	8.06	9.09	8.96	8.76	7.34	7.14	7.15	7.41	7.69	9.01	8.22	8.05	7.14	6.78	6.46	6.81				
135	8.96	9.45	9.50	8.87	7.83	7.75	7.70	7.76	8.88	9.13	8.85	8.53	7.51	7.56	6.96	7.25				
140	9.60	9.55	9.80	9.26	8.36	8.30	7.73	7.75	9.28	9.19	9.26	8.61	7.98	8.30	6.60	7.20				
145	9.54	10.2	10.0	9.43	8.88	8.84	7.28	7.71	9.34	10.2	9.83	9.12	8.92	8.48	6.23	7.25				
150	8.77	10.2	10.4	9.87	8.81	8.41	6.78	6.96	9.75	9.60	9.79	9.75	8.57	8.05	6.27	7.06				
155	6.95	9.93	10.4	9.87	9.39	6.57	6.43	6.06	8.26	10.2	10.2	9.67	9.00	6.18	6.27	6.29				
160	6.43	7.23	8.96	9.00	7.34	5.20	5.79	5.99	6.13	7.31	8.35	7.96	7.09	5.37	5.49	6.12				
165	6.14	5.78	6.20	5.93	5.26	5.01	5.35	5.92	5.88	5.73	5.58	5.46	5.62	5.09	5.07	5.81				
170	5.17	5.17	5.06	5.06	4.93	4.88	4.93	5.10	5.20	5.48	5.26	5.02	4.82	4.88	4.89	4.93				
175	4.67	4.66	4.69	4.73	4.62	4.59	4.64	4.52	4.57	4.54	4.46	4.45	4.46	4.61	4.66	4.66				
180	4.56	4.52	4.52	4.50	4.53	4.53	4.52	4.52	4.58	4.55	4.52	4.50	4.50	4.50	4.51	4.53				

**2.1.4 Electrical, Photometric and Chromaticity Measurements**

<b>Test date</b>	2023-10-26	<b>Test Ambient:</b>	25.3 °C
<b>Test Orientation</b>	As intended	<b>Stabilization Time (min)</b>	90
<b>Model Number</b>	DSK34-6/LCB	4000K	

**Electrical Measurement:**

Sample No.	Voltage (Vac)	Frequency (Hz )	Current (A)	Power (W)	Power Factor
202310210042	120.0	60	0.124	14.70	0.987

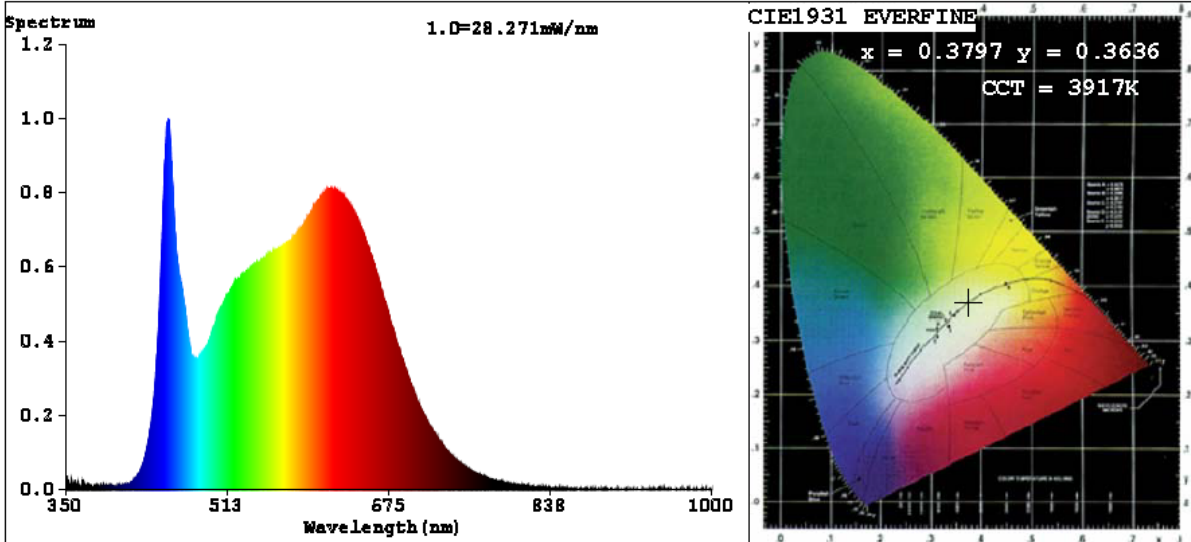
**Chromaticity Measurement - Sphere-Spectroradiometer Method:**

Parameter	Result	Special Color Rendering Indices			
Test Voltage (V)	120	R1	98	R9	89
Frequency (Hz)	60	R2	98	R10	98
CCT (K)	3917	R3	98	R11	97
Duv	-0.0059	R4	98	R12	78
Chromaticity (x, y)	x=0.3797 y=0.3636	R5	97	R13	98
Chromaticity (u', v')	u'=0.2300 v'=0.4955	R6	94	R14	99
Color Rendering Index (CRI)	96.5	R7	95	R15	98
R9	89	R8	94	--	--

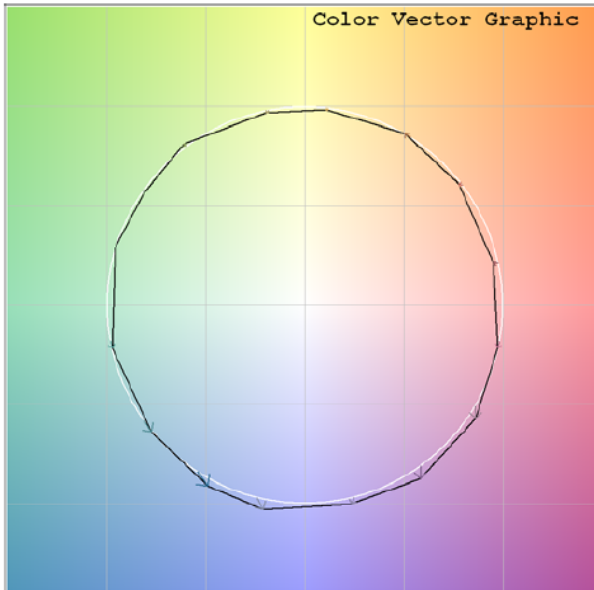
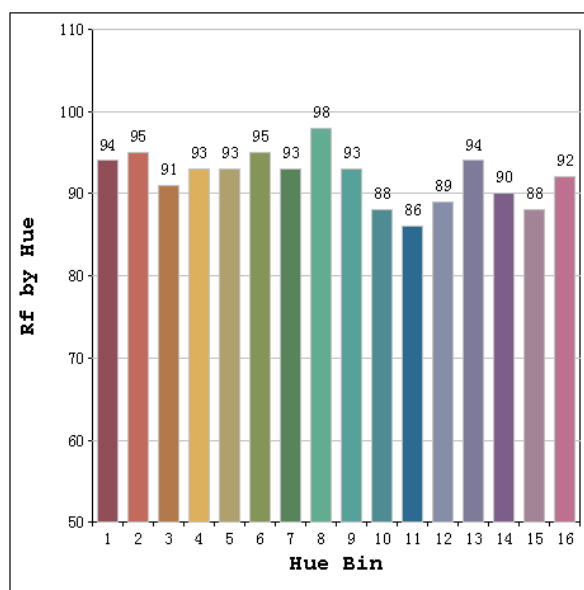
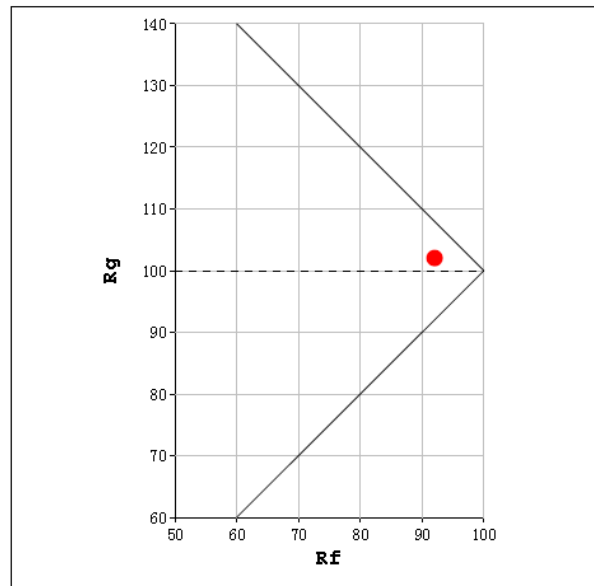
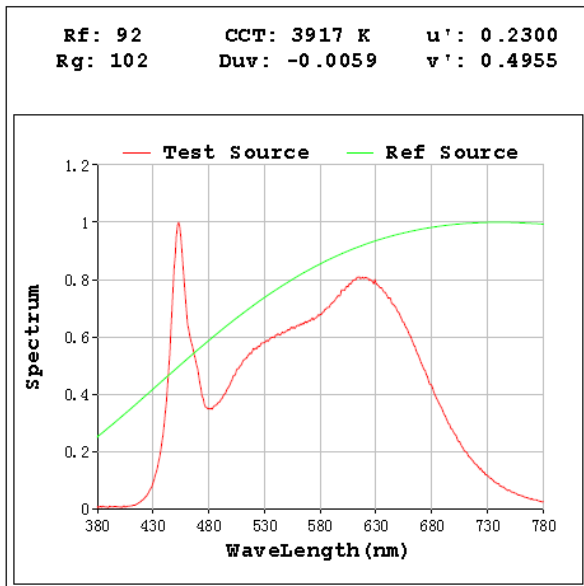
**Photometric Measurement – Goniophotometer Method:**

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1296.5
Luminous Efficacy (lm/W)	88.20
Beam Angle (°)	112.1
Center Beam Candle Power (cd)	436.9

# Spectral Power Distribution & Chromaticity Diagram



## TM30



# Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	337.7	26.0%
0-40	551.8	42.6%
0-60	974.2	75.1%
60-90	284.8	22.0%
70-100	135.0	10.4%
90-120	12.9	1.0%
0-90	1258.9	97.1%
90-180	37.6	2.9%
0-180	1296.5	100.0%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	41.3	3.2%	90-100	5.6	0.4%
10-20	118.0	9.1%	100-110	2.7	0.2%
20-30	178.4	13.8%	110-120	4.6	0.4%
30-40	214.1	16.5%	120-130	6.4	0.5%
40-50	221.1	17.1%	130-140	6.6	0.5%
50-60	201.3	15.5%	140-150	5.7	0.4%
60-70	155.4	12.0%	150-160	3.8	0.3%
70-80	94.2	7.3%	160-170	1.7	0.1%
80-90	35.1	2.7%	170-180	0.5	0.0%

## Photometric Data

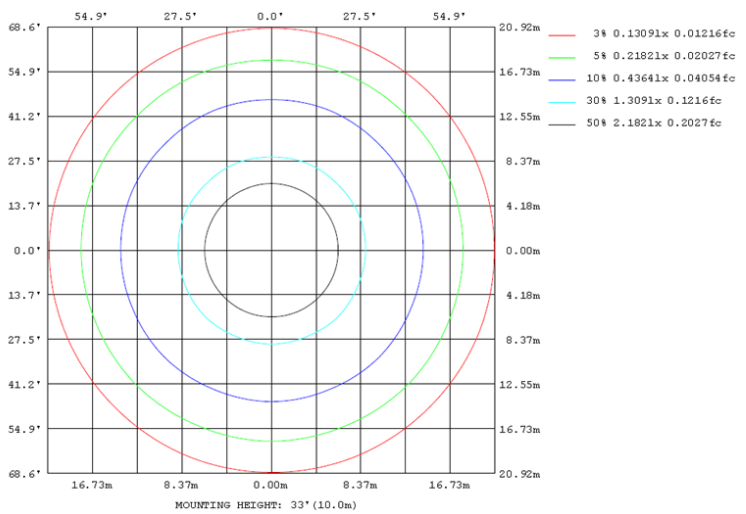
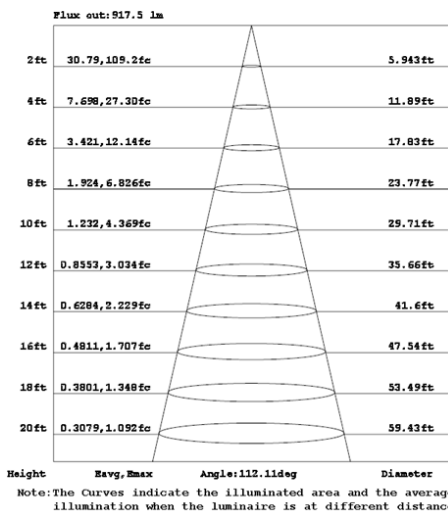
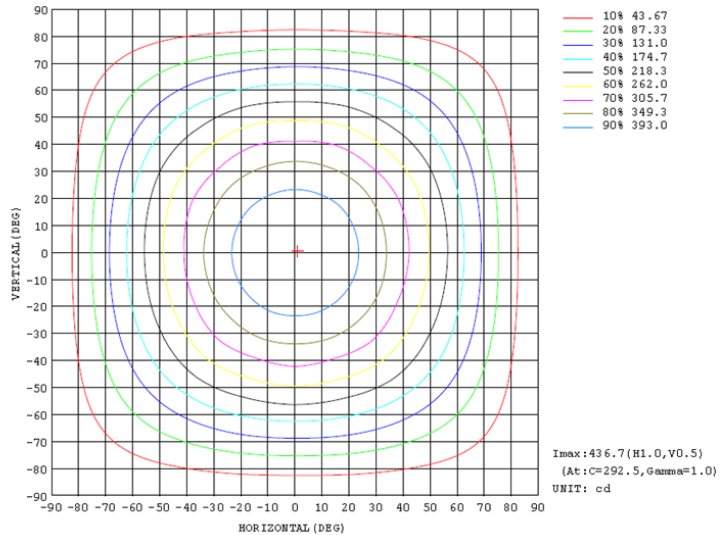
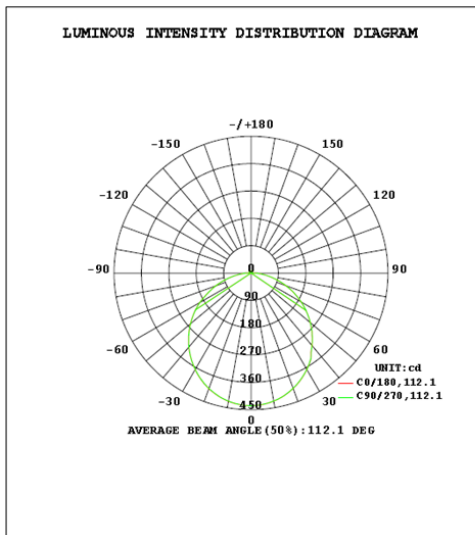


Table--1

UNIT: cd

γ (DEG)	C (DEG)																		
	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437			
5	435	435	435	435	434	435	434	434	435	435	434	434	434	435	435	435			
10	428	429	428	429	428	429	428	428	428	428	428	428	428	428	429	428			
15	419	419	419	419	418	419	418	418	418	417	418	417	418	418	419	418			
20	405	406	405	406	404	405	404	404	404	403	404	403	404	404	405	405			
25	388	388	388	389	387	388	386	386	387	386	386	386	386	387	388	387			
30	367	368	367	368	367	367	366	366	367	365	366	366	366	366	368	367			
35	344	345	344	345	343	344	342	343	343	342	342	342	343	343	345	344			
40	318	314	318	314	318	312	316	311	312	316	311	316	311	317	313	318			
45	290	286	290	286	289	285	288	283	283	287	283	287	284	289	285	290			
50	260	256	260	256	259	255	258	253	254	257	253	257	254	259	256	260			
55	228	225	229	225	228	224	226	222	222	225	222	225	223	227	225	228			
60	195	193	195	192	194	191	192	189	190	192	189	192	190	194	192	195			
65	158	159	158	159	157	157	155	155	156	155	155	155	156	156	158	158			
70	123	125	124	124	123	123	121	121	122	120	121	121	122	122	124	124			
75	89.6	91.0	90.1	90.8	89.3	89.3	87.5	87.7	88.2	87.0	87.9	87.3	88.7	88.7	90.3	90.2			
80	57.9	59.3	58.4	59.2	57.9	58.1	56.4	56.6	57.1	55.9	56.6	56.1	57.2	57.0	58.5	58.3			
85	30.7	31.9	31.5	32.2	31.3	31.6	30.3	30.4	30.7	29.7	30.2	29.6	30.5	30.2	31.3	31.1			
90	12.2	12.9	12.8	13.4	13.0	13.2	12.4	12.5	12.5	12.0	12.1	11.8	12.2	12.0	12.5	12.4			
95	3.84	4.08	4.06	4.44	4.31	4.42	4.07	4.18	4.07	3.82	3.89	3.81	3.92	3.75	3.84	3.86			
100	2.27	2.02	2.06	2.29	2.36	2.26	2.38	2.43	2.11	1.89	1.81	1.99	2.02	2.10	2.14	2.27			
105	2.90	2.46	2.42	2.66	2.81	2.86	2.84	3.01	2.60	1.85	1.76	2.01	2.58	2.76	2.45	2.66			
110	3.83	3.53	3.64	3.54	3.70	3.71	3.40	3.85	3.18	2.46	2.19	2.73	3.33	3.44	3.25	3.40			
115	4.99	5.24	5.59	5.32	4.78	4.37	4.64	4.95	4.48	4.22	3.79	3.92	4.34	4.42	4.37	4.18			
120	6.07	6.77	7.71	7.10	5.77	5.67	6.11	5.83	5.77	5.99	5.83	5.75	5.39	4.99	5.28	5.51			
125	7.47	8.91	8.67	8.19	6.86	6.70	6.59	6.82	7.23	8.40	7.58	7.30	6.42	6.32	5.61	6.57			
130	8.32	9.49	9.44	9.13	7.51	7.36	7.37	7.53	7.89	9.46	8.62	8.38	7.32	6.97	6.67	6.92			
135	9.12	9.89	9.96	9.21	8.03	7.98	7.92	7.91	9.03	9.53	9.24	8.84	7.70	7.78	7.18	7.35			
140	9.82	9.97	10.2	9.55	8.61	8.50	7.96	7.92	9.48	9.60	9.67	8.91	8.25	8.54	6.82	7.36			
145	9.76	10.6	10.4	9.76	9.10	9.02	7.49	7.82	9.55	10.5	10.3	9.43	9.06	8.75	6.41	7.40			
150	8.91	10.6	10.8	10.1	9.12	8.57	6.95	7.09	9.85	10.0	10.2	9.93	8.89	8.19	6.43	7.17			
155	7.05	10.1	10.5	10.2	9.65	6.71	6.52	6.21	8.37	10.4	10.3	9.90	9.24	6.34	6.39	6.44			
160	6.59	7.39	9.30	9.39	7.42	5.36	5.92	6.15	6.29	7.50	8.72	8.26	7.15	5.52	5.62	6.28			
165	6.31	5.93	6.36	6.09	5.40	5.19	5.49	6.06	6.03	5.89	5.72	5.61	5.78	5.24	5.22	5.96			
170	5.32	5.34	5.21	5.14	5.06	5.01	5.05	5.23	5.34	5.64	5.40	5.17	4.95	5.04	5.03	5.06			
175	4.81	4.80	4.84	4.87	4.74	4.75	4.77	4.63	4.71	4.67	4.60	4.59	4.59	4.76	4.81	4.79			
180	4.71	4.67	4.64	4.64	4.63	4.64	4.66	4.67	4.73	4.67	4.65	4.64	4.63	4.64	4.65	4.66			

## 2.1.5 Electrical, Photometric and Chromaticity Measurements

Test date	2023-10-26	Test Ambient:	25.3 °C
Test Orientation	As intended	Stabilization Time (min)	90
Model Number	DSK34-6/LCB	5000K	

### Electrical Measurement:

Sample No.	Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor
202310210042	120.0	60	0.124	14.70	0.987

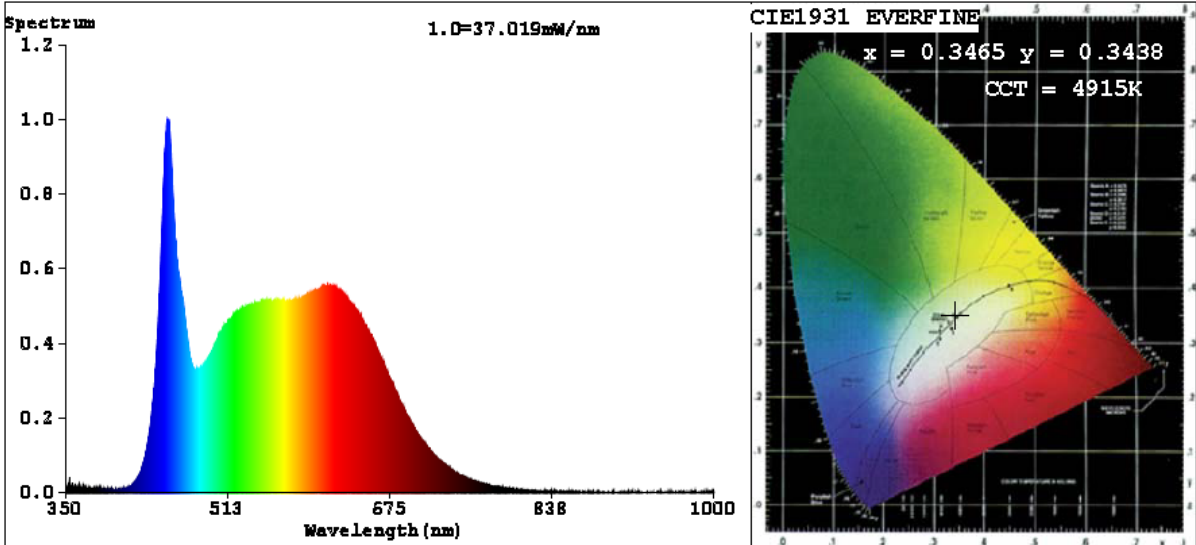
### Chromaticity Measurement - Sphere-Spectroradiometer Method:

Parameter	Result	Special Color Rendering Indices			
Test Voltage (V)	120	R1	97	R9	89
Frequency (Hz)	60	R2	99	R10	97
CCT (K)	4915	R3	97	R11	97
Duv	-0.0046	R4	97	R12	71
Chromaticity (x, y)	x=0.3465 y=0.3438	R5	96	R13	99
Chromaticity (u', v')	u'=0.2155 v'=0.4810	R6	94	R14	98
Color Rendering Index (CRI)	96.1	R7	96	R15	97
R9	89	R8	94	--	--

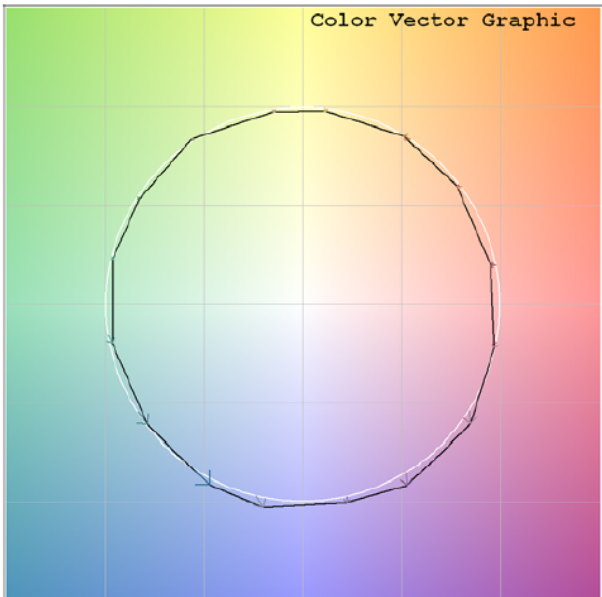
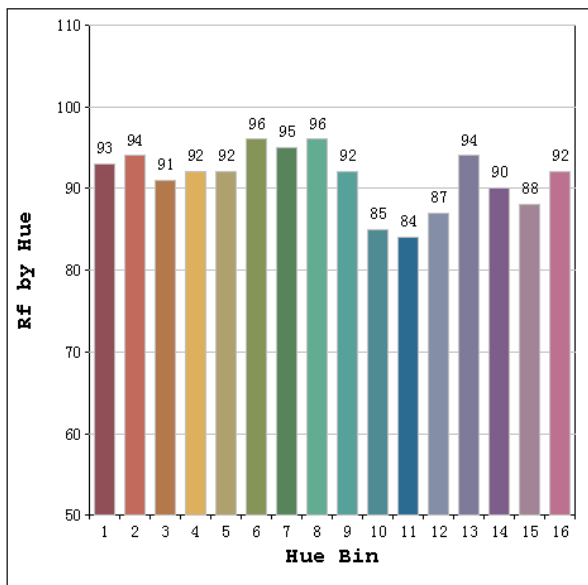
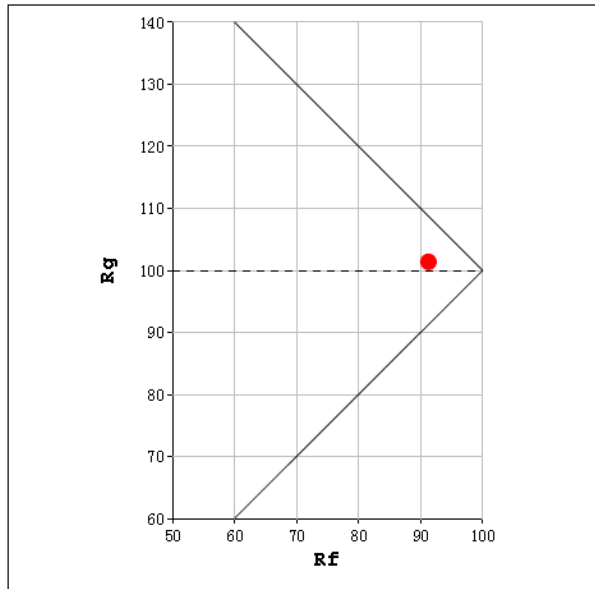
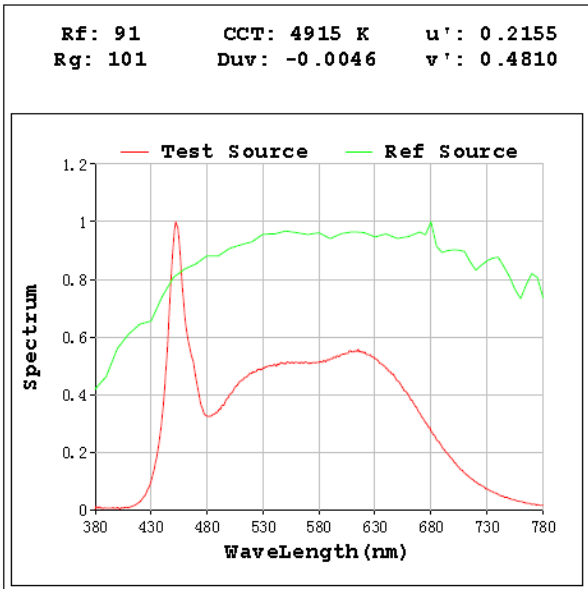
### Photometric Measurement – Goniophotometer Method:

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1341.2
Luminous Efficacy (lm/W)	91.24
Beam Angle (°)	112.2
Center Beam Candle Power (cd)	451.2

# Spectral Power Distribution & Chromaticity Diagram



## TM30



# Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	349.0	26.0%
0-40	570.8	42.6%
0-60	1007.7	75.1%
60-90	294.8	22.0%
70-100	139.6	10.4%
90-120	13.3	1.0%
0-90	1302.5	97.1%
90-180	38.7	2.9%
0-180	1341.2	100.0%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	42.7	3.2%	90-100	5.8	0.4%
10-20	122.0	9.1%	100-110	2.8	0.2%
20-30	184.4	13.7%	110-120	4.7	0.3%
30-40	221.8	16.5%	120-130	6.6	0.5%
40-50	228.7	17.1%	130-140	6.8	0.5%
50-60	208.2	15.5%	140-150	5.8	0.4%
60-70	161.0	12.0%	150-160	3.9	0.3%
70-80	97.5	7.3%	160-170	1.7	0.1%
80-90	36.3	2.7%	170-180	0.5	0.0%

## Photometric Data

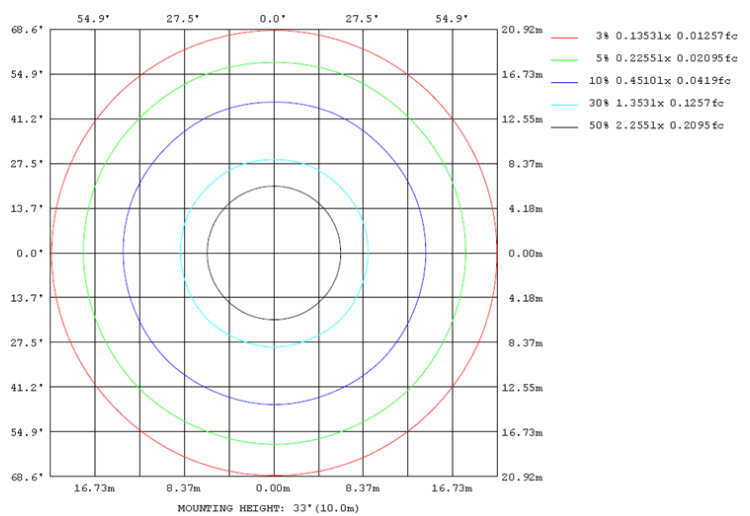
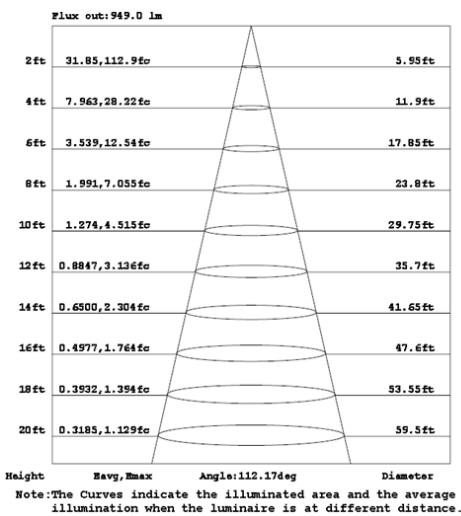
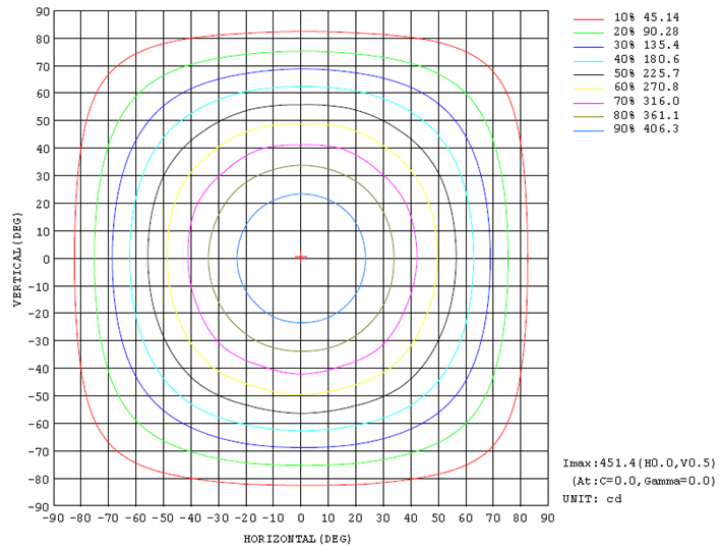
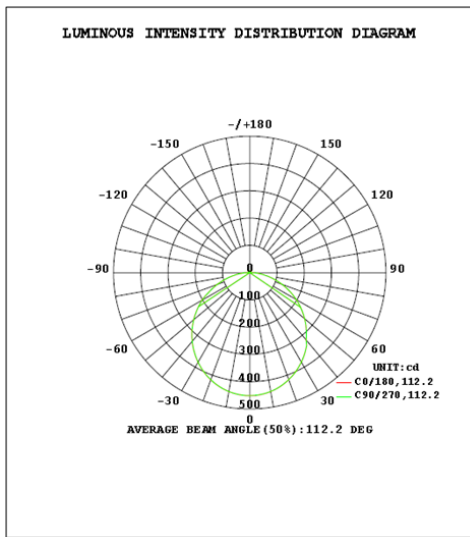


Table--1

UNIT: cd

γ (DEG)	C (DEG)																		
	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451			
5	449	449	449	449	449	449	449	449	449	448	449	449	448	449	449	449			
10	443	443	443	443	443	443	442	442	443	442	442	442	442	443	443	443			
15	433	433	433	433	432	433	432	432	432	431	431	432	432	432	433	433			
20	418	419	419	419	418	418	417	417	418	417	417	417	417	418	419	419			
25	401	401	401	401	400	401	399	399	400	399	399	399	400	400	401	401			
30	379	380	380	380	379	379	379	378	378	379	378	378	378	379	380	380			
35	355	357	356	357	355	355	354	354	355	353	354	354	355	355	356	356			
40	329	324	329	324	328	323	327	321	322	327	321	327	322	328	324	329			
45	300	296	300	296	299	294	298	293	293	297	293	298	293	299	295	300			
50	269	265	269	265	268	264	267	262	263	266	262	266	263	268	265	269			
55	236	233	236	233	235	231	234	230	230	233	230	233	230	235	232	237			
60	202	199	202	199	201	197	199	196	196	198	196	199	197	200	199	202			
65	163	164	163	164	162	162	161	161	162	160	161	160	162	162	164	164			
70	128	129	128	129	127	127	125	125	126	125	126	125	127	127	128	128			
75	92.7	94.1	93.2	93.9	92.2	92.3	90.6	90.7	91.3	90.2	91.0	90.5	91.8	91.7	93.5	93.4			
80	59.8	61.2	60.5	61.2	59.9	60.0	58.4	58.6	59.1	57.8	58.7	58.1	59.3	58.9	60.6	60.3			
85	31.7	32.9	32.5	33.2	32.3	32.5	31.3	31.4	31.7	30.5	31.2	30.6	31.5	31.2	32.3	32.1			
90	12.5	13.2	13.1	13.7	13.3	13.4	12.7	12.7	12.9	12.2	12.5	12.1	12.5	12.3	12.8	12.7			
95	3.91	4.16	4.13	4.50	4.37	4.48	4.13	4.25	4.15	3.88	3.99	3.89	4.01	3.83	3.92	3.92			
100	2.33	2.08	2.12	2.37	2.42	2.32	2.44	2.49	2.17	1.95	1.87	2.05	2.07	2.15	2.21	2.33			
105	2.96	2.53	2.49	2.74	2.89	2.95	2.93	3.08	2.67	1.91	1.81	2.07	2.66	2.85	2.53	2.72			
110	3.92	3.65	3.77	3.64	3.78	3.83	3.51	3.92	3.26	2.53	2.26	2.82	3.41	3.55	3.37	3.46			
115	5.10	5.41	5.78	5.42	4.87	4.47	4.83	5.04	4.58	4.35	3.91	4.03	4.43	4.57	4.54	4.22			
120	6.21	7.03	8.01	7.30	5.82	5.86	6.21	5.94	5.90	6.20	6.11	5.96	5.47	5.14	5.47	5.62			
125	7.55	9.31	9.25	8.53	6.99	6.90	6.88	6.90	7.28	8.66	8.07	7.66	6.55	6.51	5.80	6.64			
130	8.62	10.0	10.1	9.62	7.68	7.58	7.64	7.60	8.12	10.1	9.25	8.84	7.46	7.19	6.93	6.94			
135	9.26	10.5	10.6	9.58	8.23	8.26	8.21	8.06	9.13	10.1	9.86	9.25	7.91	8.04	7.44	7.38			
140	10.0	10.6	10.8	9.92	8.91	8.68	8.23	8.07	9.63	10.2	10.3	9.32	8.57	8.78	7.06	7.48			
145	9.99	11.2	11.0	10.1	9.31	9.16	7.71	7.92	9.77	10.9	10.9	9.77	9.16	9.00	6.64	7.54			
150	8.98	11.2	11.5	10.4	9.53	8.67	7.11	7.17	9.81	10.6	10.9	10.1	9.30	8.27	6.59	7.24			
155	7.08	10.3	10.4	10.4	9.92	6.87	6.54	6.34	8.41	10.5	10.2	10.1	9.49	6.50	6.49	6.59			
160	6.75	7.47	9.75	9.91	7.41	5.53	6.03	6.30	6.42	7.69	9.28	8.68	7.13	5.67	5.75	6.46			
165	6.48	6.09	6.49	6.25	5.56	5.31	5.65	6.23	6.18	6.04	5.91	5.77	5.92	5.40	5.36	6.12			
170	5.50	5.49	5.38	5.31	5.22	5.17	5.22	5.41	5.50	5.79	5.57	5.33	5.11	5.20	5.18	5.22			
175	4.97	4.97	5.01	5.04	4.90	4.91	4.94	4.80	4.88	4.84	4.77	4.75	4.75	4.92	4.97	4.96			
180	4.87	4.84	4.81	4.80	4.80	4.81	4.81	4.82	4.89	4.87	4.82	4.79	4.80	4.81	4.81	4.81			

**2.1.6 Electrical, Photometric and Chromaticity Measurements**

<b>Test date</b>	2023-10-26	<b>Test Ambient:</b>	25.3 °C
<b>Test Orientation</b>	As intended	<b>Stabilization Time (min)</b>	90
<b>Model Number</b>	DSK34-6/LCB	6500K	

**Electrical Measurement:**

Sample No.	Voltage (Vac)	Frequency (Hz )	Current (A)	Power (W)	Power Factor
202310210042	120.0	60	0.122	14.50	0.987

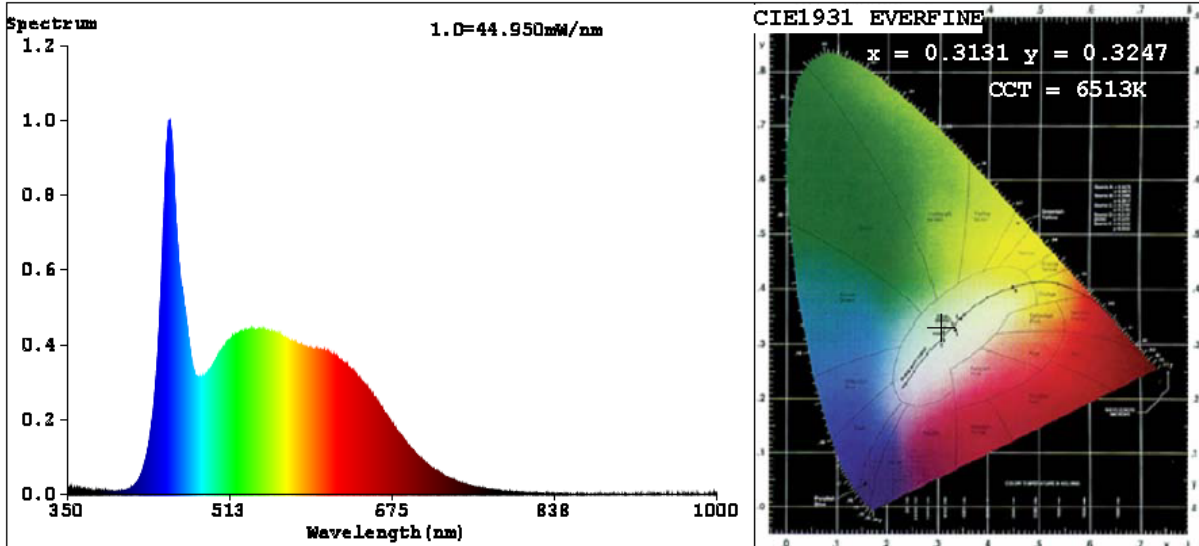
**Chromaticity Measurement - Sphere-Spectroradiometer Method:**

Parameter	Result	Special Color Rendering Indices			
Test Voltage (V)	120	R1	95	R9	76
Frequency (Hz)	60	R2	97	R10	90
CCT (K)	6513	R3	95	R11	94
Duv	0.0007	R4	94	R12	69
Chromaticity (x, y)	x=0.3131 y=0.3247	R5	94	R13	96
Chromaticity (u', v')	u'=0.1998 v'=0.4660	R6	92	R14	97
Color Rendering Index (CRI)	94.1	R7	96	R15	94
R9	76	R8	91	--	--

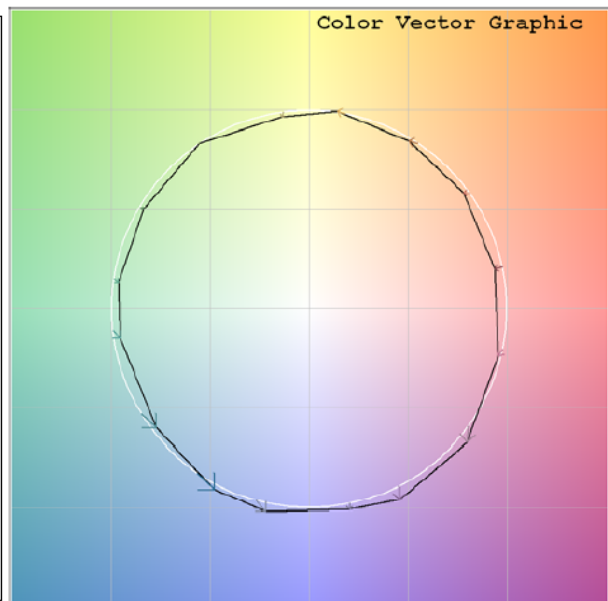
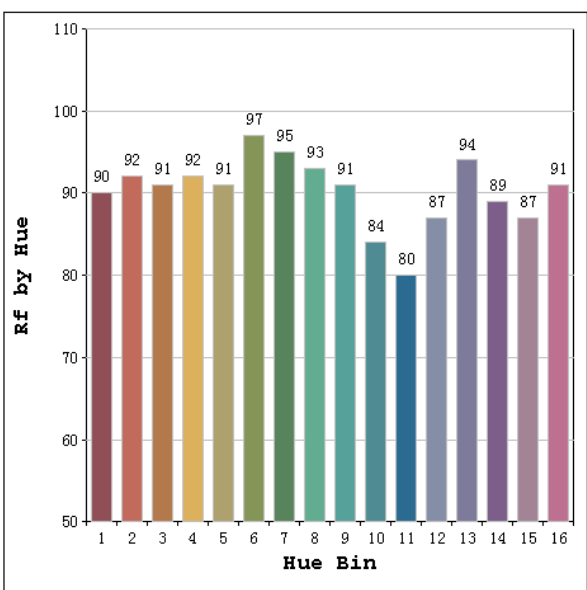
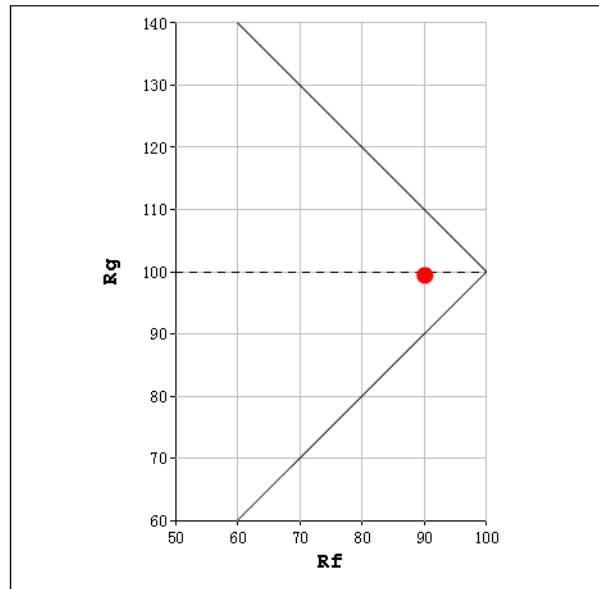
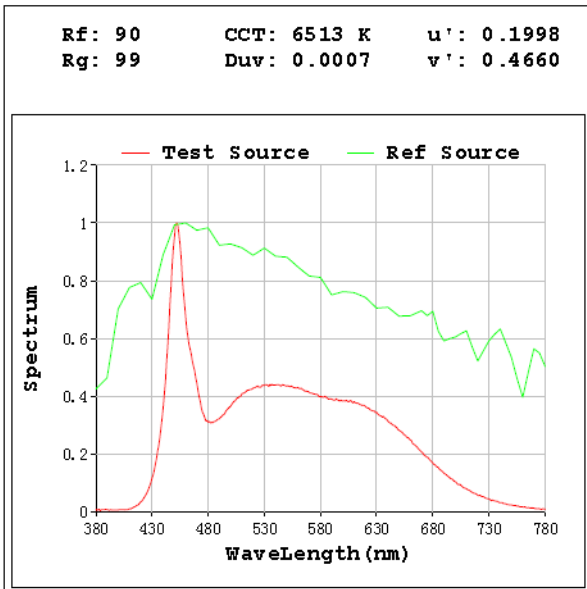
**Photometric Measurement – Goniophotometer Method:**

Parameter	Result
Test Voltage (V)	120.0
Frequency (Hz)	60
Total Luminous (lm)	1312.7
Luminous Efficacy (lm/W)	90.53
Beam Angle (°)	112.3
Center Beam Candle Power (cd)	441.4

# Spectral Power Distribution & Chromaticity Diagram



## TM30



# Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	341.5	26.0%
0-40	558.4	42.5%
0-60	986.3	75.1%
60-90	288.7	22.0%
70-100	136.5	10.4%
90-120	12.8	1.0%
0-90	1275.0	97.1%
90-180	37.7	2.9%
0-180	1312.7	100.0%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	41.7	3.2%	90-100	5.5	0.4%
10-20	119.3	9.1%	100-110	2.7	0.2%
20-30	180.5	13.7%	110-120	4.6	0.3%
30-40	216.9	16.5%	120-130	6.5	0.5%
40-50	224.0	17.1%	130-140	6.7	0.5%
50-60	204.0	15.5%	140-150	5.7	0.4%
60-70	157.7	12.0%	150-160	3.8	0.3%
70-80	95.6	7.3%	160-170	1.7	0.1%
80-90	35.4	2.7%	170-180	0.5	0.0%

## Photometric Data

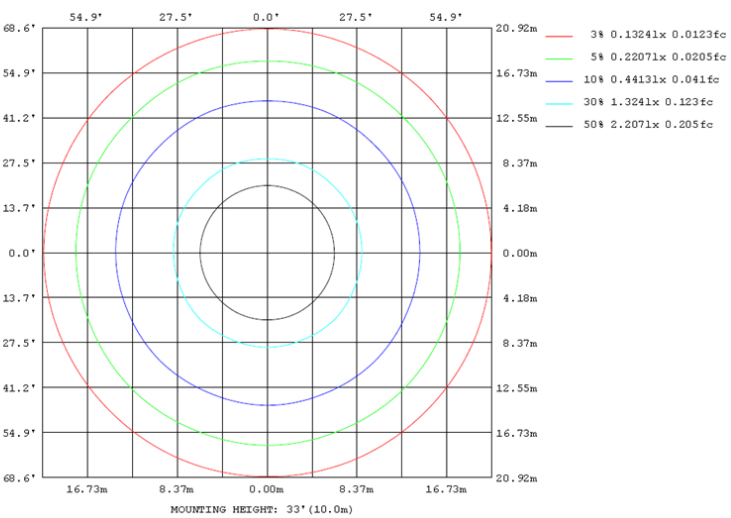
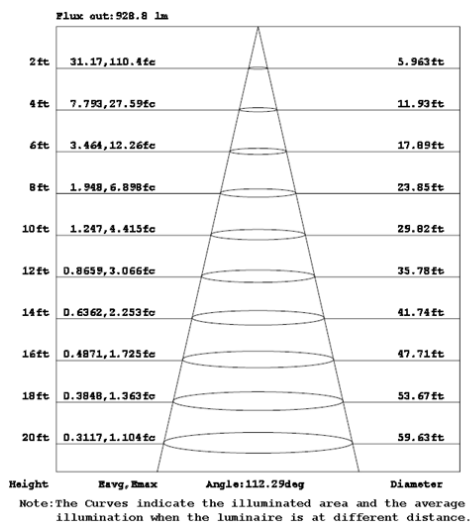
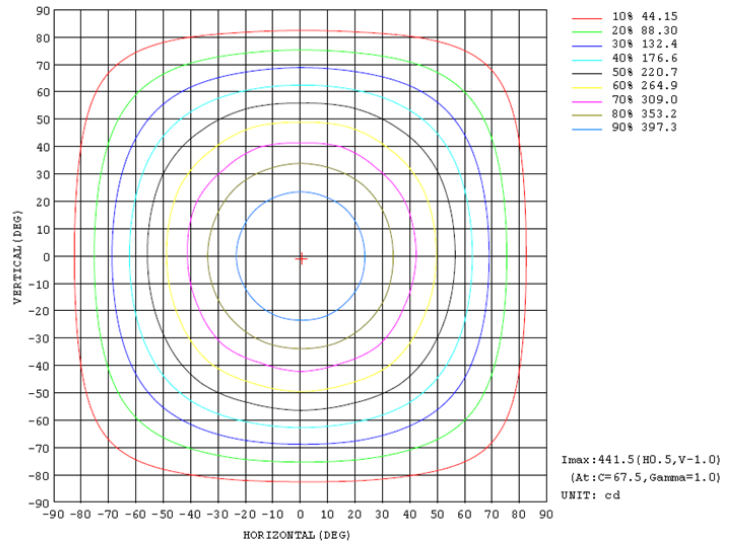
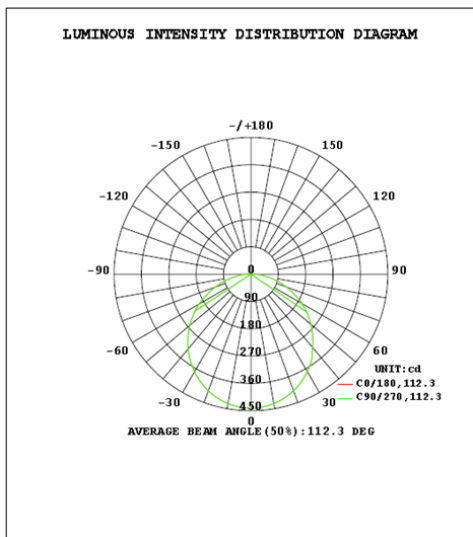


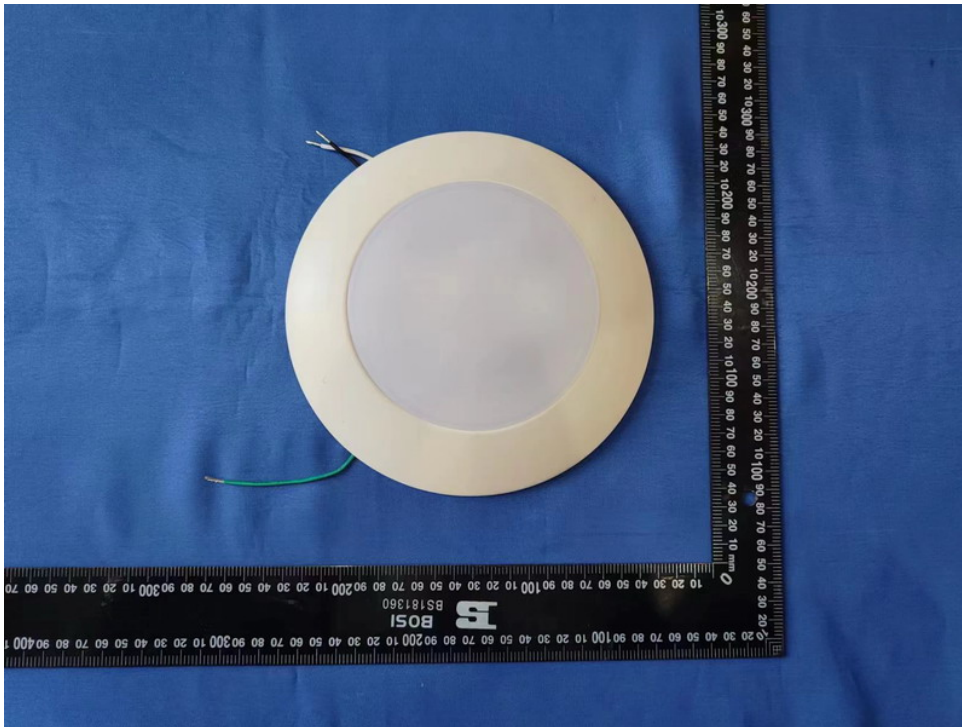
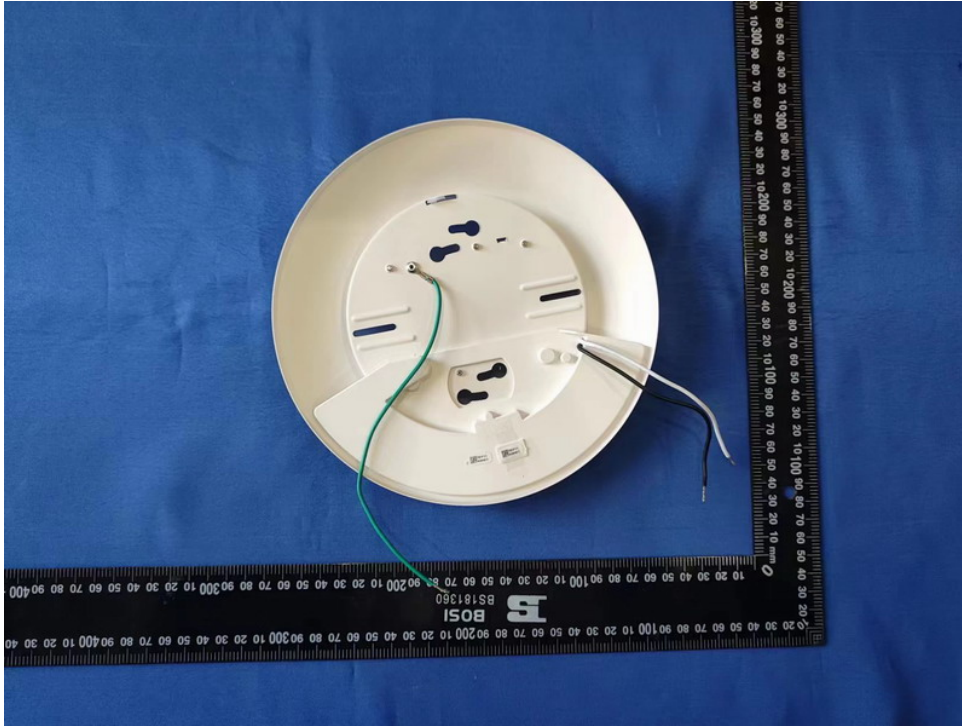
Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441			
5	439	440	439	439	439	439	439	439	439	439	439	439	439	439	439	439			
10	433	434	433	434	433	433	433	433	433	433	433	433	433	433	433	433			
15	423	424	423	424	423	423	422	422	423	422	422	422	423	423	423	424			
20	409	410	410	410	409	409	408	408	409	408	409	408	409	409	410	410			
25	392	393	392	393	392	392	391	391	391	390	391	391	391	391	392	392			
30	371	372	372	372	371	371	370	370	371	370	370	370	371	371	372	372			
35	348	349	348	349	348	348	346	347	347	346	347	346	347	347	349	348			
40	322	317	322	317	322	316	320	315	315	320	315	320	315	321	317	322			
45	293	290	294	289	293	288	292	287	287	291	287	291	288	292	289	294			
50	263	260	263	260	263	258	261	257	257	261	257	261	258	262	259	264			
55	231	228	231	228	230	226	229	225	226	228	225	229	226	230	228	232			
60	197	195	198	195	197	193	195	192	192	195	192	195	193	196	195	198			
65	160	161	160	161	159	159	157	157	158	157	158	157	159	159	161	160			
70	125	126	125	126	124	124	123	123	124	122	123	123	124	124	126	126			
75	90.9	92.2	91.3	91.9	90.4	90.5	88.8	88.9	89.5	88.4	89.3	88.7	90.2	89.9	91.7	91.5			
80	58.6	59.9	59.2	59.9	58.6	58.8	57.2	57.3	57.9	56.8	57.6	56.9	58.2	57.8	59.4	59.2			
85	31.0	32.1	31.7	32.4	31.5	31.7	30.5	30.6	31.0	29.9	30.6	29.9	30.8	30.5	31.6	31.4			
90	12.0	12.7	12.6	13.2	12.8	12.9	12.2	12.2	12.4	11.8	12.0	11.7	12.1	11.8	12.4	12.2			
95	3.74	3.97	3.93	4.29	4.15	4.26	3.94	4.05	3.96	3.73	3.81	3.73	3.85	3.67	3.76	3.74			
100	2.25	2.03	2.06	2.28	2.35	2.24	2.36	2.40	2.10	1.88	1.82	2.00	2.00	2.08	2.13	2.27			
105	2.88	2.47	2.42	2.66	2.78	2.86	2.87	2.95	2.59	1.87	1.78	2.01	2.57	2.76	2.49	2.62			
110	3.77	3.57	3.68	3.52	3.65	3.73	3.46	3.75	3.15	2.47	2.21	2.74	3.29	3.46	3.32	3.33			
115	4.92	5.30	5.67	5.19	4.66	4.37	4.76	4.82	4.40	4.24	3.84	3.91	4.25	4.45	4.48	4.01			
120	5.96	6.94	7.91	7.09	5.51	5.72	5.89	5.69	5.68	6.10	6.12	5.85	5.21	5.06	5.37	5.37			
125	7.15	9.24	9.50	8.46	6.67	6.73	6.82	6.54	6.85	8.49	8.25	7.62	6.27	6.32	5.67	6.28			
130	8.49	10.1	10.5	9.70	7.39	7.36	7.53	7.21	7.87	10.4	9.57	8.93	7.21	7.03	6.83	6.50			
135	8.80	10.7	10.9	9.46	7.95	8.09	8.05	7.64	8.60	10.2	10.1	9.19	7.65	7.88	7.29	6.90			
140	9.70	10.7	11.0	9.75	8.74	8.31	8.03	7.73	9.20	10.4	10.5	9.27	8.47	8.58	6.92	7.13			
145	9.61	11.1	11.2	10.0	8.99	8.70	7.51	7.48	9.40	10.7	11.1	9.62	8.65	8.79	6.50	7.21			
150	8.43	11.2	11.7	9.99	9.46	8.21	6.85	6.80	9.07	10.7	11.2	9.55	9.28	7.80	6.40	6.84			
155	6.64	9.90	9.67	10.1	9.68	6.62	6.08	6.11	7.86	9.87	9.41	9.78	9.24	6.28	6.16	6.35			
160	6.52	7.12	9.74	10.00	6.89	5.36	5.75	6.09	6.20	7.46	9.43	8.71	6.59	5.50	5.53	6.23			
165	6.28	5.91	6.26	6.03	5.41	5.18	5.46	6.01	6.01	5.85	5.71	5.60	5.76	5.26	5.22	5.95			
170	5.35	5.35	5.25	5.18	5.11	5.07	5.08	5.27	5.36	5.62	5.41	5.20	5.02	5.07	5.06	5.11			
175	4.86	4.87	4.89	4.94	4.79	4.81	4.82	4.71	4.78	4.73	4.67	4.65	4.66	4.81	4.85	4.86			
180	4.78	4.72	4.71	4.69	4.70	4.70	4.70	4.71	4.79	4.76	4.71	4.69	4.70	4.70	4.70	4.72			

Sample No.	Wattage and CCT setting	Test Voltage(V)	Flux(lm)	P(W)	Luminous Efficacy lm/W
DSK34-6/LCB	2700K setting	120.0	1163.6	14.60	79.70
	3000K setting	120.0	1207.4	14.60	82.70
	3500K setting	120.0	1258.4	14.70	85.60
	4000K setting	120.0	1296.5	14.70	88.20
	5000K setting	120.0	1341.2	14.70	91.24
	6500K setting	120.0	1312.7	14.50	90.53

### 3. Product Photo



\*\*\*\*\* END OF REPORT \*\*\*\*\*