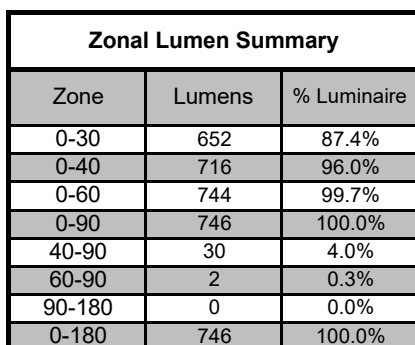




Summary of Results	
Total Lumen Output	731.6 Lumens
Luminaire Efficacy	58.8 lm/w
Maximum Candela	6972 Candela
CCT	2777 K
CRI	90.9
Duv	0.0007
TM-30 Rf	90.0
TM-30 Rg	101.0

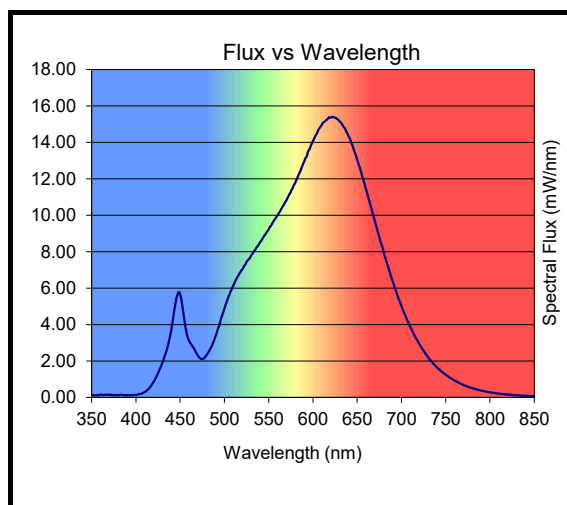


4 and 7-Step CCT Quadrangles

The graph shows CCT quadrangles for 4-step and 7-step systems. The x-axis is labeled 'x' and ranges from 0.3 to 0.5. The y-axis is labeled 'y' and ranges from 0.1 to 0.3. A series of nested quadrangles are plotted, representing different CCT steps. The 4-step system is highlighted in yellow, and the 7-step system is highlighted in green. The 4-step system is labeled 'Inside 4-Step Quad 2700 K'.

Step	CCT (K)	x (approx)	y (approx)
1	6500K	0.30	0.10
2	5700K	0.32	0.12
3	5000K	0.35	0.15
4	4500K	0.38	0.18
5	4000K	0.40	0.20
6	3500K	0.42	0.22
7	3000K	0.44	0.24
8	2700K	0.46	0.26
9	2500K	0.48	0.28
10	2200K	0.50	0.30

Average Luminance cd/m²	
Vertical Angle	Horizontal Angle 0°
0	34400
45	204
55	31
65	20
75	2
85	5



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	436	1.04
6.00	194	1.56
8.00	109	2.08
10.0	69.7	2.60
12.0	48.4	3.12
14.0	35.6	3.64
16.0	27.2	4.16

Angle	Mean CP	Lumens
0	6972	
5	5269	388
10	1981	
15	532	180
20	243	
25	181	84
30	143	
35	104	65
40	68	
45	29	24
50	7	
55	4	3
60	3	
65	2	2
70	0	
75	0	0
80	0	
85	0	0
90	0	

Color Rendering Index Details	
Ra (CRI)	90.9
R1	90.8
R2	93.8
R3	95.9
R4	91.9
R5	90.4
R6	92.9
R7	91.7
R8	79.6
R9	53.3
R10	85.2
R11	93
R12	82.7
R13	91.4
R14	97.0

Chromaticity Coordinates	
Chromaticity (x)	0.4547
Chromaticity (y)	0.4113
Chromaticity (u)	0.2589
Chromaticity (v)	0.3512
Chromaticity (u')	0.2589
Chromaticity (v')	0.5268
Duv	0.0007

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #15425123.01