

## P. 1 of 2

# 6" Luna Sqaure, F-Class Gen V

## Decorative LED Downlight, 750-7000 Lumens

### Dimensional Data

Ceiling Cut Out 6.50" x 6.50"

Above Ceiling Height  
with 5/8" Ceiling

4.55" ≤ 3000L

4.86" 4000L & 5000L

Above Ceiling Height  
Max Ceiling Thickness

1.30" - 3.87"

Min Ceiling Thickness

0.25" - 4.92"

Above Ceiling Height  
with 5/8" Ceiling

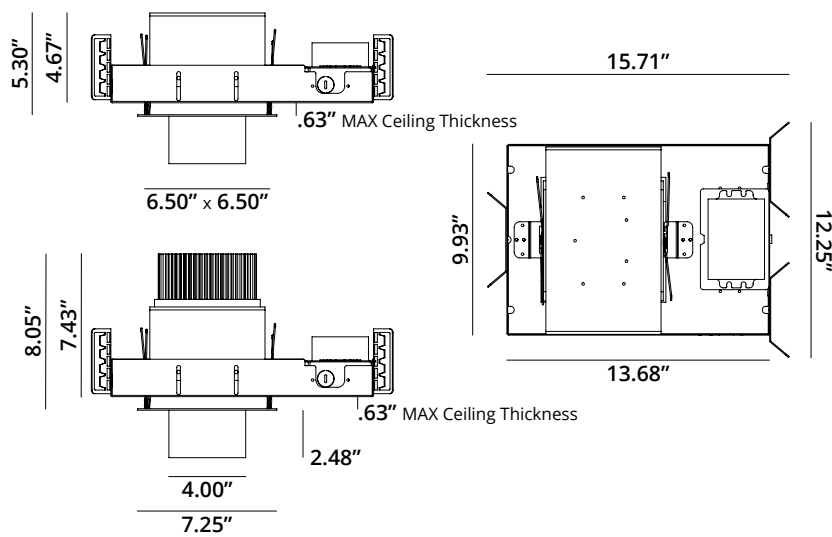
7.30" 6000L & 7000L

Above Ceiling Height  
Max Ceiling Thickness

1.30" - 6.63"

Min Ceiling Thickness

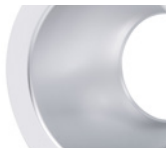
0.25" - 7.68"



### Reflector Finishes



**WHT**  
White Matte

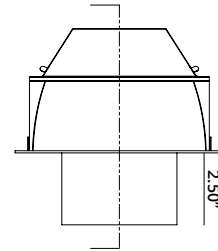


**SGC**  
Soft Glow Clear



**SCL**  
Specular Clear

### LVGCSQ6621-250



### Photometry

LVGCSQ6621-250 - 40° Distribution

**Model**  
VGCSQ66VEFLEDU-2035K-LVGCSQ6621-250

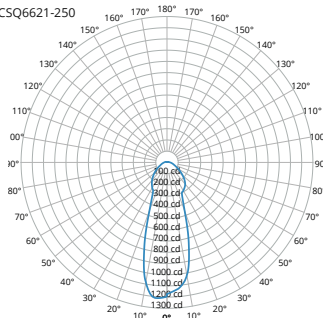
**Lumens**  
1,155

**Watts**  
27.2

**Efficacy**  
42.46

**SC**  
0.58

**Candela Curve**



**Cone of Light**

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0' - 10.0'	18 fc - 12 fc	5.0' - 6.2'
12.0' - 14.0'	8 fc - 6 fc	7.4' - 8.7'
16.0' - 20.0'	5 fc - 3 fc	9.9' - 12.4'
24.0' - 30.0'	2 fc - 1 fc	14.9' - 18.6'

**Candela Table**

0.00°	1,174
0.00°	1,174
5.00°	1,131
10.00°	1,019
15.00°	750
20.00°	461
30.00°	291
40.00°	252
50.00°	184
60.00°	116
70.00°	70
80.00°	46
90.00°	28

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0° - 30°	465	40%
0° - 40°	619	54%
0° - 60°	881	76%
60° - 90°	197	17%
0° - 20°	313	27%
20° - 50°	451	39%
50° - 70°	205	18%
70° - 90°	109	9%
0° - 90°	1,078	93%
90° - 180°	77	7%
Total	1,155	100%

**Spacing Criterion**

Height	Spacing	Light Level*
8 ft	4.6 ft	~ 18 fc
10 ft	5.8 ft	~ 12 fc
12 ft	7.0 ft	~ 8 fc
8 ft	3.5 ft	~ 33 fc
10 ft	4.3 ft	~ 21 fc
12 ft	5.2 ft	~ 14 fc
8 ft	2.3 ft	~ 73 fc
10 ft	2.9 ft	~ 47 fc
12 ft	3.5 ft	~ 33 fc

\* approximate direct light level at floor based on spacing criterion overlap

### MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.939	SCL	1
90	0.8	3000K	0.975	SGC	0.95
		3500K	1	WHT	0.87
		4000K	1.035		
		5000K	1.098		

Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.