Part #	Prepared By
Project	Notes
Туре	
Data	













Features & Specifications

ELECTRICAL SYSTEM

- 750 7000 lumens
- 2700K 5000K CCT
- Optional Tunable White, 2700K 6500K or 1800K 4000K CCT
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Standard 0-10V 1% dimming driver, ZDM; optional drivers available
- 120V 277V Universal Input Volts, 347V option
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

- Sqaure architectural-grade reflector with Luna decorative element
- Polycarbonate decorative element to reduce breakage potential
- Reflectors available in Alzak® and painted finishes
- 40° distribution

FRAME & MOUNTING

- Galvanized steel frame with integrated junction box featuring hinged access covers with spring retaining latches
- Vertically adjustable rigid formed mounting brackets that accept a variety of mounting bars with auxillary nail holes and T-bar slots
- T-Bars included, suitable for joist spacing from 12" to 24"
- Supports straight conduit runs (3) 3/4" knockouts
- Through branch wiring (8) #12 AWG (4 in, 4 out), 90°C conductors
- Accessibility to all LED components from below ceiling
- Flush to the ceiling reflectors, secured by high quality friction clips

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Energy Star® certified versions available (see Vantage Energy Star® guide for details)
- Suitable for damp locations under covered ceiling
- Buy American Act (BAA)

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation must be kept 3" away from luminaire

Lumens*

Nominal Lumens	Wattage	
750	9.4	1
1100	15.4	
1500	21.6	
2000	9.44	
3000	33.5	
4000	45.6	
5000	60.1	
6000	58.5	
7000	85.3	

All measured at 3500K with a standard medium distribution *Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: VGCSQ66VEFLEDU-1130K-LVGCSQ6621-SGC
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VGCSQ66VEFL	ED	-	-	- LVGCSQ6621-200	-	-
Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Finishes	Options**
VGCSQ66VEFL	ED U - 120V-277V 1 - 120V 2 - 277V 3 - 347V (347V Step Down Transformer) *Must provide voltage when optional drivers are selected.	07 - 750 11 - 1100 15 - 1500 20 - 2000 30 - 3000 40 - 4000 50 - 5000 60 - 6000 70 - 7000	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K TWC - Tunable White Full Color (2700k-6500k)* TWW - Turnable White Warm Color (1800k-4000k)* DTW - Dim-to-Warm (1800K-3000K)** *Available up to 2000 lumens **Available up to 5000 lumens	LVGCSQ6621-250	SCL Specular Clear SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	ZDM HCR (standard) PF DTD EM17 DTDHL EM20 DMX EM-CW-LED DCA GR-66-"xx" TDM GTD DMM SENSDYOC DMMHO BRGESEN DL-2 DL-3 LDE1 PEQ0 PSQ0

**Options Notes

ZDM - 0-10V 1% dimming driver (standard) DTD - 0-10V 0.1% dimming driver. (up to 4000 lumens)

DTDHL - 0-10V 0.1% dimming driver. (use with 5000 -7000 lumens)

DMX - DMX with RDM dimming driver, requires DCA

DCA - Daisly Chain Adaptor

TDM - Triac (Foward Phase, 120V only) dimming driver. (up to 5000 lumens)

DMM - Dali Driver (up To 5000 Lumens)

DMMHO - Dali Driver (use with 6000 and 7000 Lumens)

TWC - Tunable White Full Color 27k-65k, 90+ Cri With 0-10v Dual Control And 0.1% Dimming. (up to 2000 Lumens)

TWW - Turnable White Warm Color 18k-40k, 90+ Cri With 0-10v Dual Control And 0.1% Dimming. (up to 2000 Lumens)

DTW - Dim-to-Warm 18K-30K, 90CRI with 0-10V. (up to 5000 lumens)

DL-2 - Lutron 2-Wire Hi-lume dimming driver. (up to 3000 lumens)
DL-3 - Lutron Hi-lume 1% 3-wire dimming driver. (up to 3000 Lumens)

LDE1 - Lutron Hi-lume 1% with Soft-On, Fade-to-Black dimming driver. (up to 4000 lumens)

PEQO - Lutron Hi-lume Premier 0.1% with Soft-On, Fade-to-Black dimming driver. (up to 4000 lumens)

PSQ0 - Lutron Eco-system Tunable White Driver .1% (not available above 2000 lumens (requires TWW or TWC and ECOSYSTEM PROJECT ID)

HCR - High CRI, 90+ minimum. (Not available in 5000 Kelvin)

PF - Polished Flange
EM17 - Battery Backup W/remote Test Button & Indicator Light (for 800-5000 Lumen Luminaires)

EMI17 - Battery Backup W/integral Test Button & Indicator Light (for 800-5000 Lumen Luminaires)

EM20 - Battery Backup W/remote Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires) EMI20 - Battery Backup W/integral Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires)

EM-CW-LED - Cold Weather Rated Emergency Driver

GR-66-"xx" - 6" Goof Ring (inner Dimension - Specify outer dimension In place of 'xx')

GTD - Generator Transfer Device

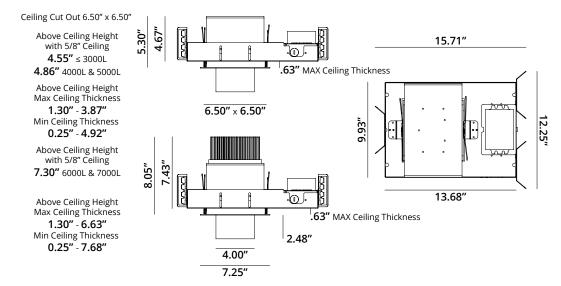
SENSDYOC - Daylight/occupancy Sensor - remote mount

BRGESEN - Bridge up to 400 Watts for Sesndyoc

6" Luna Sqaure, F-Class Gen V

Decorative LED Downlight, 750-7000 Lumens

Dimensional Data



Reflector Finishes



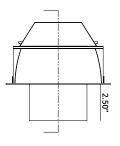


Soft Glow Clear



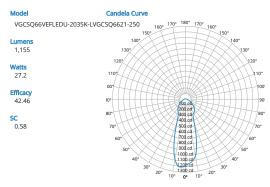






Photometry

LVGCSQ6621-250 - 40° Distribution



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

Cone of Light

	0.00°
	0.00
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
	5.00° 10.00° 15.00° 20.00° 30.00° 40.00° 50.00° 60.00° 80.00°

Candela Table

Zonal Lumen	Spacing Criter	rion		
Zone	Lumens	% Luminaire	Height	Sį
0° - 30°	465	40%	8 ft	-
0° - 40°	619	54%	10 ft	
0° - 60°	881	76%	12 ft	
60° - 90°	197	17%	8 ft	
0° - 20°	313	27%	10 ft	
20° - 50°	451	39%	12 ft	
50° - 70°	205	18%		
70° - 90°	109	9%	8 ft	-
0° - 90°	1,078	93%	10 ft	-
90° - 180°	77	7%	12 ft	-
Total	1,155	100%	* approximate dis spacing criterion	

ire	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 di spacing criterion	rect light level at f overlap	loor based on

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.