

“DÉCOR” GRID LIGHTING (Model: GLCD)

FEATURES:

- High Efficiency (110 lumens/W)
- Samsung or Cree COB
- High quality powder coated housing for elegant look
- Wide input voltage range (90-305VAC) for protection against voltage fluctuation
- 2.5kV surge protection for protection against transient voltage
- TIS Certified (Thailand)



TIS 1955-2551

SPECIFICATIONS*:



SAMSUNG LED

Model	GLCD-220	GLCD-440	GLCD-660
System Power	22W	2x22W	3x22W
Color Temperature	2700K, 3000K, 4000K, 5000K, 5700K, 6500K		
CRI	80 Ra		
Luminous Flux	2400 lm	4850 lm	7250 lm
Luminous Efficacy	110 lm / W		
Input Voltage	90-305 Vac		
Surge Protection	2.5kV		
Power Factor	> 0.95		
Power Supply Efficiency	> 90%		
Dimming	Optional		
Beam Angle	12°, 24°, 40°		
Design Life	40,000 hours		
Housing Color	White (face), Black (body and inner rim)		
Housing Material	Aluminum		
Housing surface finish	Power coating		
Diffuser Material	Polycarbonate		
Size (mm)	155x155xH115	285x155xH115	405x155xH115

*Specifications are subject to changes without prior notice.

REVISION: 0

Date: 2017.10.31

Title: “DÉCOR” GRID LIGHT

Model: GLCD

SHEET No: 1 of 3

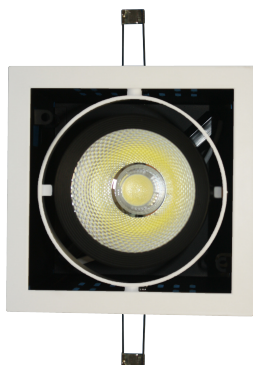
Version: 1.0

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PRODUCT PHOTOS AND SIZE:



TIS 1955-2551



22W



2 x 22W



3 x 22W

ORDERING INFORMATION: e.g., GLCD-44030N-8024

Series		Wattage		Color Temperature (CCT)		Dimming		CRI		Beam Angle	
GLCD	“DÉCOR” GRID LIGHT	220	22W	27	2700K	N D	Non-dimmable Dimmable	80	80Ra	14	14°
		440	44W	30	3000K					24	24°
		660	66W	40	4000K					40	40°
				50	5000K						
				65	6500K						

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PHOTOMETRIC TEST RESULTS: 22W



TIS 1955-2551

Filename: CLARO DECOR GRID 22W

Manufacturer: EPITAX PTE LTD (SINGAPORE)

Luminaire: GLCD-22030N-8024

Luminaire Cat: GRID LIGHT (COB)

Lamp: CLARO “DÉCOR” GRID LIGHT 22W

Lamp Output: Total luminaire Lumens: 2418.6

Max Candela: 7,346.0 at Horizontal: 157.5°, Vertical: 1°

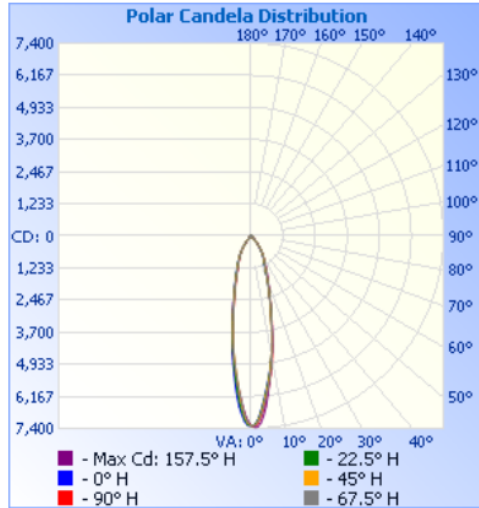
Input Wattage: 21.3

Luminous Opening: Rectangle w/Luminous Sides (L: 0.16M, W: 0.16M, H: 0.12M)

Photometry : Type C

Cutoff Class: Cutoff

Nema Type: 4 X 4

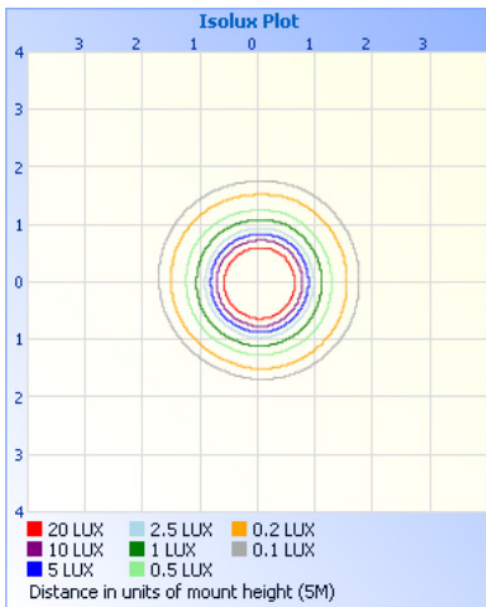


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83.3%	2,015.3	65.9	65.6
Beam (50%):	28.6%	691.5	24.1	24.2
Total:	100%	2,417.7		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,877.1	77.6%
0-40	2,247.9	92.9%
0-60	2,391.9	98.9%
60-90	21.8	0.9%
70-100	9.8	0.4%
90-120	0.4	0%
0-90	2,413.7	99.8%
90-180	4.9	0.2%
0-180	2,418.6	100%



Illuminance at a Distance

Distance	Center Beam LUX	Beam Width
0.83M	10,512 LUX	0.36 M 0.35 M
1.67M	2,618 LUX	0.72 M 0.71 M
2.50M	1,165 LUX	1.07 M 1.07 M
3.33M	655 LUX	1.43 M 1.42 M
4.17M	419 LUX	1.79 M 1.78 M
5.00M	291 LUX	2.15 M 2.13 M

■ Vert. Spread: 24.2°
■ Horiz. Spread: 24.1°

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