

“FORTIS” HIGH POWER LED PANEL LIGHT (Series : PLGF2)

FEATURES:

- Direct replacement of louvre with fluorescent tubes
- Ultra slim design to fit in limited ceiling space
- Flexible mounting options; recessed, ceiling mount or suspension
- Long Design life of 40,000 hrs
- Applications: Any indoor places, such as hotel, condominium, shop, restaurant, private residence, etc

SPECIFICATIONS:

Model	PLGF2-400
System Power	40W
Luminous Flux	4000lm
LED Brand	Epistar
Color Temperature (CCT)	3000K, 4000K, 6000K (standard model)
Luminous Efficiency	100lm/W
CRI	>80Ra
Beam Angle	110 DEG
Dimming	Non-dimmable (standard model) Dimmable (0-10V)
Design Life	40,000 hrs
Power Supply Efficiency	>90%
Power Factor	>0.9
Surge Protection	1kV
Input Voltage	200-240Vac
Housing Color	White
Dimension	L595 X W595XH11mm
Weight	2.4 kg

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PHOTOMETRIC TEST RESULTS:

Filename: CLARO FORTIS HIGH POWER PANEL 40W
600x600 PLGF-400

Manufacturer: EPITAX PTE LTD

Luminaire: CLARO FORTIS 40W HIGH POWER PANEL LIGHT
600x600

Luminaire Cat: HIGH POWER PANEL LIGHT

Lamp: LED

Lamp Cat: LED

Lamp Output: Total luminaire Lumens: 4163.8

Max Candela: 1,448.7 at Horizontal: 90°, Vertical: 5°

Input Wattage: 39.59

Luminous Opening: Rectangle w/Luminous Sides (L: 0.6M, W: 0.6M, H:
0.01M)

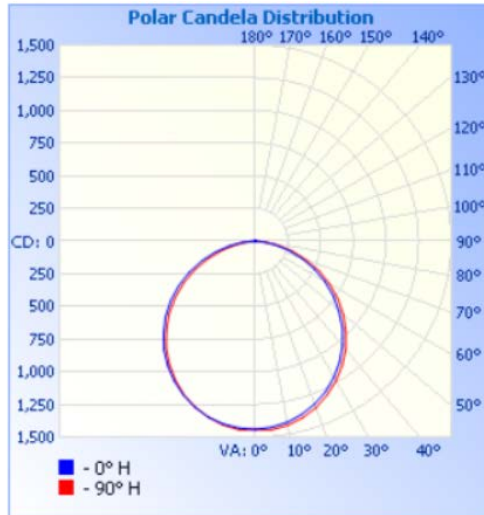
Test Date: 2015-10-19

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 7 X 7

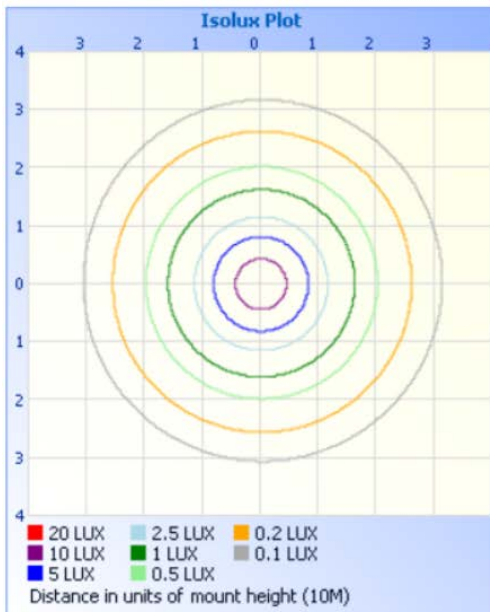


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,119.5	26.9%
0-40	1,836.0	44.1%
0-60	3,257.0	78.2%
60-90	899.5	21.6%
70-100	385.1	9.2%
90-120	3.2	0.1%
0-90	4,156.5	99.8%
90-180	7.3	0.2%
0-180	4,163.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	136.3	3.3%	90-100	1.6	0%
10-20	390.5	9.4%	100-110	0.7	0%
20-30	592.7	14.2%	110-120	0.8	0%
30-40	716.4	17.2%	120-130	1.0	0%
40-50	745.6	17.9%	130-140	1.0	0%
50-60	675.4	16.2%	140-150	0.9	0%
60-70	516.0	12.4%	150-160	0.7	0%
70-80	297.4	7.1%	160-170	0.5	0%
80-90	86.1	2.1%	170-180	0.2	0%



REVISION: 7

Date: 2017.09.15

Title: CLARO FORTIS HIGH POWER PANEL LIGHT

Model: PLGF

SHEET No: 2 of 3

Version: 5.0

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PRODUCT PHOTOS:



ORDERING INFORMATION: e.g., PLGF2-40060D-80110-0606

Series	Wattage	Color Temperature (CCT)	Dimming	CRI	Beam Angle (deg)	Dimension
PLGF2	400 40W	30 3000K	N Non-dimmable D Dimmable	80 Ra 80	110 110 Degrees	0606 595 x 595mm
		40 4000K				
		60 6000K				