

**LED Panel
HN-PL6060 - Specification Sheet**

Material:	PMMA LGP
Dimensions(mm):	595*595mm
Input voltage:	220-240V
Wattage:	40W
Function:	ON/OFF
Color temperature:	3000K/4000K/5000k/6000K
LED:	4014
CRI:	>80
Power factor:	>0.9
Driver:	ENEC/TUV/CE approved
Lifetime:	50000h
IP grade:	IP 20
Beam angle:	120°
Surface color:	White
Warranty:	5 years

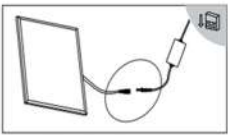


 White

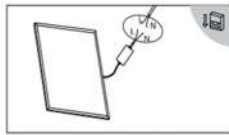
Instructions

Panel connection diagram

Reversing connection may cause lighting delay.



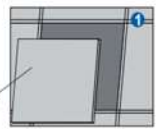
1.Connect driver to the panel



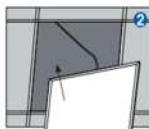
2.Then connect with city power(L,N-N)

Recession Installation

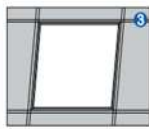
Customers can choose safety rope to avoid lamp falling caused by uncertain factors(earthquake,etc).



1.Remove the plasterboard from the ceiling.

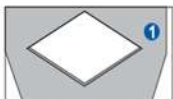


2.Fix the panel into ceiling.



3.Installation finished.

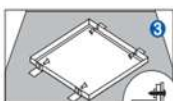
Recessed Frame MG-M002



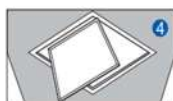
1.Open a hole on the ceiling.



2.Fix the frame to the hole.

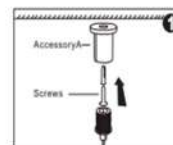


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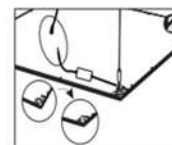


4

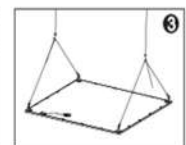
Suspension Installation MG-D001



1.Screwing accessories A in ceiling



2.Upward hook on 4 corners, for suspending

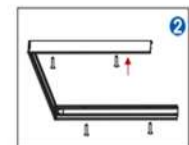


3.Finished installation

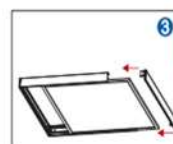
Surface Mounted Frame MG-M005



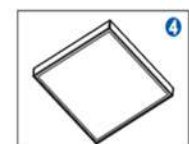
1.Assemble the 3 pieces of frame by metal bracket.



2.Fix the square frames in to ceiling with Screw.



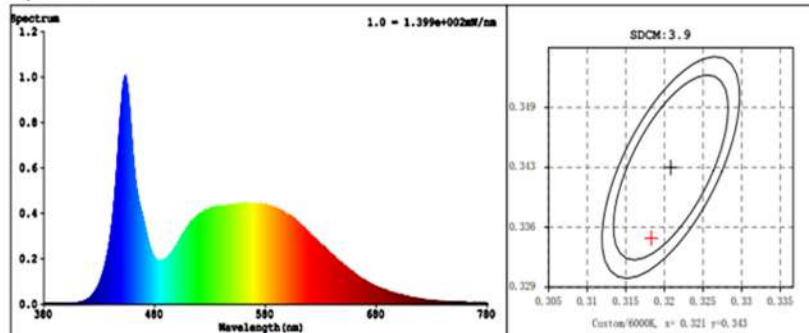
3.Insert the panel into frames and fix the cover plate frame.



4.Finished frame installation.

Protometric data

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3185$ $y = 0.3345$ / $u' = 0.1998$ $v' = 0.4721$ ($duv = 3.16e-03$)

CCT= 6171K Prcp WL: $L_d = 492.7$ nm Purity=4.9%

Peak WL: $L_p = 454$ nm FWHM: =19.7nm Ratio:R=13.7% G=81.1% B=5.3%

Render Index: $R_a = 82.0$

$R_1 = 80$ $R_2 = 87$ $R_3 = 90$ $R_4 = 81$ $R_5 = 80$ $R_6 = 81$ $R_7 = 88$

$R_8 = 68$ $R_9 = 4$ $R_{10} = 68$ $R_{11} = 79$ $R_{12} = 53$ $R_{13} = 82$ $R_{14} = 95$ $R_{15} = 76$

Photometric & Radiometric Parameters

Flux = 3956.2 lm Eff. : 101.43 lm/W $F_e = 12.541$ W

Electrical parameters

V = 220.9 V I = 0.1879 A P = 39.00 W PF = 0.9400

Freq=49.99 Hz

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.75 lm/W			
MODEL	HN-PL6060	I_{max} (cd)	2079	S/MH (C0/180)	1.13
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.16
RATED VOLTAGE (V)	220-240	TOTAL FLUX (lm)	4073.3	η UP, DN (C0-180)	0.1, 50.0
NOMINAL FLUX (lm)	4073.29	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.9
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	99.8	CIBSE SHR MAX	1.15

