



Panel light

The large panel light adopts high-transparency diffuser plates to ensure uniform illumination and soft light on the light-emitting surface, reducing glare. It is available in various installation methods such as recessed, surface-mounted, and suspended, making it suitable for all kinds of lighting spaces with excellent adaptability. It features an integrated aluminum heat dissipation structure to keep the LED junction temperature within the optimal working range, guaranteeing an extremely long service life (over 30,000 hours). The HYD-104B large panel light series, with its superior quality and ultimate adaptability, creates a healthy, comfortable, and efficient lighting environment for commercial and public spaces, making it a reliable lighting partner.

Electrical Features	
Light source	LM80 SMD Module - SMD
Powered By	HYUNDAI

A photograph of a modern office interior. The room features large windows on the right side, offering a view of a city skyline with tall buildings. A prominent white cylindrical pillar stands in the center-left. The ceiling is white with several square recessed light fixtures. In the foreground, there are desks with black chairs and computer monitors. The overall atmosphere is bright and professional.

Materials	Housing-White-Aluminum
Surface Material	Diffuser-White-PS
Installation way	Recessed
Adjustability	Not Adjustable

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Figure 10 is a polar plot showing the average beam angle (50%) of 113.2 degrees. The plot includes a circular grid with angles from -180 to 180 degrees and a radial scale from 0 to 2000. A blue line represents the beam angle, and a red line represents the average beam angle. A table on the right lists the beam angle (50%) for various elements.

Height	Beam Angle	Angle (113.2 deg)	Element
1m	443.7, 1438.614	301.356	
2m	113.5, 605.814	452.184	
3m	31.32, 180.714	304.774	
4m	29.36, 101.414	1206.364	
5m	13.35, 65.914	1057.054	
6m	11.34, 31.174	1819.164	
7m	9.442, 37.1814	2111.134	
8m	7.743, 29.3714	2412.724	
9m	6.243, 20.3714	2714.104	
10m	4.943, 11.3714	3015.114	