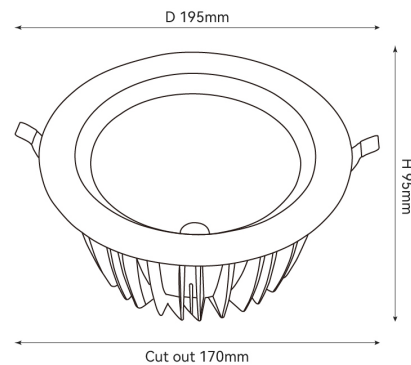




Downlight

The HYD-216R embedded down light features a concealed anti-glare optical design that delivers uniform, glare-free illumination with enhanced visual comfort. It supports an optional high color rendering index (CRI ≥ 90), ensuring accurate color representation, and incorporates flicker-free LED driver technology to minimize ocular fatigue. Multiple beam angle options enable versatile lighting deployment—ranging from general ambient illumination across residential spaces to precise task or accent lighting in designated zones. Constructed with a die-cast aluminum housing, the fixture ensures efficient thermal management, thereby maintaining lumen output stability over time; coupled with high-efficiency LED, it delivers superior energy efficiency and extended service life.

Figure 10 consists of a polar plot and a table. The polar plot on the left shows the radiation pattern of the antenna. The plot is a circle with a radius of 15.00 dBi. The angle is measured in degrees from 0 to 180. The plot shows a main lobe at 0 degrees and a side lobe at 180 degrees. The table on the right lists the radiation pattern data for the antenna, showing the gain in dBi for various angles from 0 to 180 degrees.

Angle (deg)	Gain (dBi)
0	15.00
10	14.80
20	14.50
30	14.00
40	13.50
50	13.00
60	12.50
70	12.00
80	11.50
90	11.00
100	10.50
110	10.00
120	9.50
130	9.00
140	8.50
150	8.00
160	7.50
170	7.00
180	6.50

Offices, factory, Schools, Supermarkets, Showrooms