

# Round Inlay Backlit LED Panel Light

This slim panel light features a DOB driver solution and a round, inlay mounting design. Compared to sidelit panels, the backlit design offers enhanced brightness and an efficacy of 100 lumens per watt.



## Overview

### High-Efficiency Slim LED Lighting

The RPL7 series is a slim-profile backlit LED panel light featuring a reliable DOB (Driver on Board) solution. Designed for inlay mounting, this round panel offers a modern aesthetic and superior brightness compared to traditional sidelit alternatives. With a high luminous efficacy of 100 lm/w, it serves as a perfect energy-efficient replacement for standard aluminum panel lights.

## Key Performance

### Performance Highlights

**100 lm/w**

Luminous Efficacy

**80 Ra**

Color Rendering Index

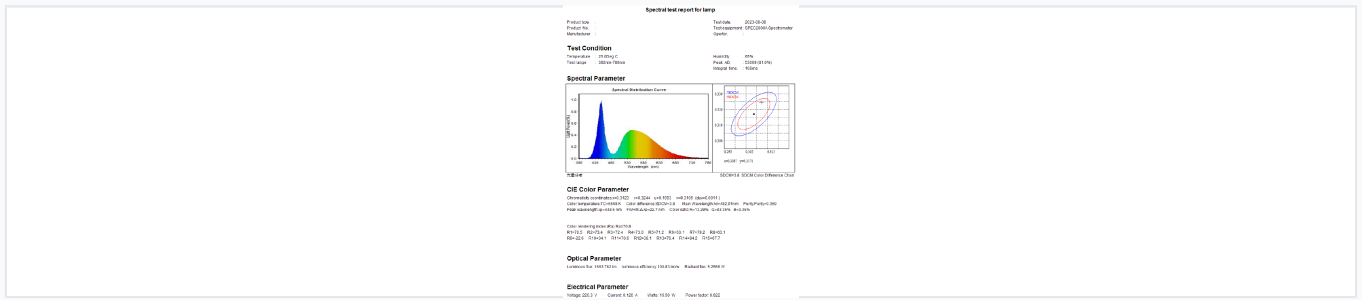
**1663.76 lm**

Luminous Flux

## Technical Specifications

Available Power Ratings	5W, 7W, 9W, 12W, 18W, 24W, 36W
Input Voltage	100-265V
Shape & Mounting	Round, Inlay mounting
Driver Solution	DOB (Driver on Board)

## Optical & Electrical Data



Detailed spectral distribution and optical parameters confirming 100 lm/w efficacy.

### Optical Parameters (18W Model)

Parameter	Value
Color Temperature	6568K
Peak Wavelength	448.6 nm
Power Factor	0.622
Color Difference (SDCM)	3.8
Main Wavelength	482.01 nm

## Support



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