

120 x 120 mm Parallel

LS-HPHFL120120-W series · Backlights · 1 model



Collimated LED backlight with a 120 x 120 mm emitting area. A brightness-enhancement film turns the light parallel, giving sharp silhouette edges for dimensional gauging, presence checks and profile inspection of parts placed between the light and the camera. 20-50% brighter than a standard diffuse backlight of the same size.

Features

- Parallel (collimated) output for crisp part edges and accurate gauging
- 120 x 120 mm uniform emitting area
- White 5000-8000 K; red, green and blue versions on request
- 24 V, runs from a standard multi-channel light controller

Common specifications

Type	Parallel (collimated) LED backlight
Emitting area	120 x 120 mm
Colour	White, 5000-8000 K
Input voltage	24 V DC (typ.)
Outer size	Approx. 155 x 135 x 21 mm (typ. for this size class)
Mounting	Through-holes in the base flange
Cable	500 mm lead
Lifetime	30,000 h to 40% brightness decay
Operating temperature	Use below 35 C
Compatible controllers	HDPC2465D-4T, HDPS24120C-4T

Models

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