



Glare Control Panels

For Commerical Applications

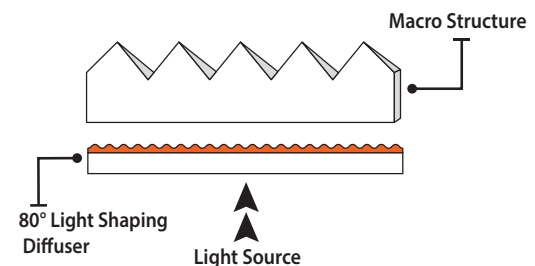
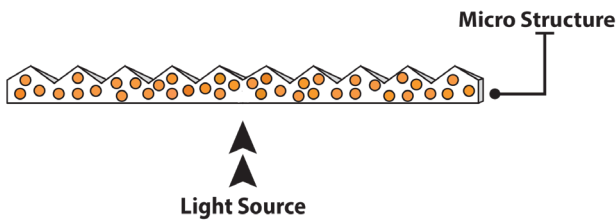
Luminit's Glare Control Panels (GCP) are rigid panels that incorporate prisms to suppress high angle rays and significantly reduce glare from LED light fixtures within retail stores, hospitals, lobbies, offices and other spaces where glare control standards must be met and where human-centric lighting is critical. Macro GCP incorporates a three-dimensional structure that can be combined with Luminit's 80° diffuser film to enable uniform-looking light fixtures. The Micro GCP also uses a three-dimensional structure on a finer scale and incorporates a volumetric diffuser to reduce glare and increase uniformity in one monolithic panel. Luminit GCPs are available in 1.5mm (Macro) or 1.8mm (Micro) thick PS for standard 4'x4' troffers or can be custom cut to size.

Benefits

- Suppresses the Lambertian output reducing glare (UGR)
- Gain in center intensity
- Combined with diffuser offers excellent hiding power

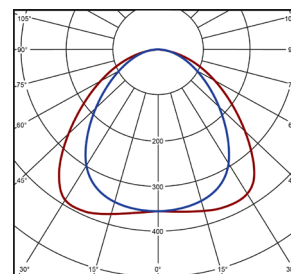
Applications

- Luminaires
- Edge lit or Back lit
- Troffer 1x4, 2x2, 2x4
- Suspended or recessed downlight
- Linear suspended or recessed

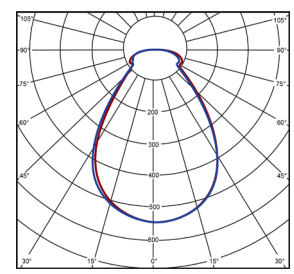


SPECIFICATIONS

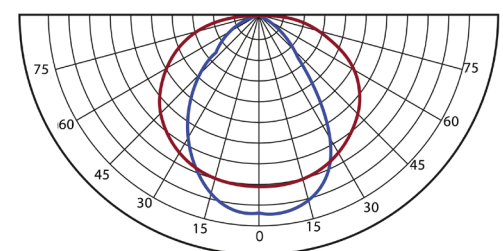
	GCP Macro	GCP Micro
Temperature Range:	-30°C to 80°C	-30°C to 80°C
Integrated Diffusion Option:	No	Yes
Thickness:	1.5mm	1.8mm
Material	PS	PS
Suppression:	≤15%	≤15%
UGR:	<19	<21
Transmission:	~88%	~83%
Size (feet)	2x4	2x4



Micro Polar Plot



Macro Polar Plot



GCP Macro Lambertian

All specifications contained herein are subject to change without notice.

For more information, contact Luminit at sales@luminitco.com