

PASSIVE POLARIZATION FOR 3D DIGITAL CINEMA



A Smart Investment.



@DepthQ

Fast. Bright. 3D Light-Recycling.

✓ Patent-Pending ✓ Superior Optics ✓ Advanced Heat Protection
✓ High Frame Rate (240Hz) ✓ Future-Proof ✓ Low Crosstalk
✓ World's Fastest 3D Switch = Shortest Dark Time

Lightspeed Design, Inc. is pleased to announce DepthQ® CineBright™, a high-brightness passive polarization solution for 3D digital cinema. The new system, with patent-pending light recycling, delivers a dramatically brighter 3D image for your guests while maintaining DepthQ®'s superior optics, speed, sharp focus, low-crosstalk, advanced heat protection and 5 year optical warranty. Increased light efficiency coupled with the shortest dark time in the industry provide new revenue-generating and cost-saving opportunities through flexibility in screen, audience and lamp sizes.

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DepthQ[®] CineBright[™] Specifications

Design: DepthQ® CineBright™, is a high-brightness passive polarization solution for 3D digital cinema. The unique design includes patented and patent pending technologies in the US, China, and Europe (PCT filed).

CINEBRIGHT

Compatible with all DCI projectors

Optical light efficiency: ~28-31% Dark time: 350 µs Maximum lamp capacity: 7 KW

Maximum screen width at 4.5 fL: 25 meters (82.2 ft)

Throw ratio for FLAT: ≥ 1.51:1; SCOPE: ≥ 1.0:1

Minimum throw distance: 11 meters (36.09 ft)

Contrast/Ghost: >100: 1 in each eye

HFR ready: Yes, up to 240 Hz

Heat protection: metallic pre-polarizer
Mount: Includes leveler and automated 2D/3D actuator

Automation: actuator triggered from external control signal, TCP/IP, automatic or manual button

Warranty: 5 year optical, 3 year electronic

LC Switching time: 50 µsec (symmetrical)

LC Operating temp at optical surface: +5° to 52° C (40° to 125° F)

Operating temperature not to exceed 52° C non-condensing/low humidity

Clear aperture: Top light path: 36.49 cm (14.37 in) x 15.24 (6 in) ,

Bottom light path: 25.08 cm (9.875 in) x 10.47 cm (4.125 in)

Overall dimensions: 42.54 cm (16.75 in) length x 17.44 cm (6.87 in) width x 34.92 cm (13.75 in) height

Weight: CineBright: 15.4 Kg (34 lbs), Leveler only: 3.17 Kg (7 lbs)

Input voltage: 100-240VAC, 50-60 Hz Input current: 900mA Output voltage: 29VDC Output current: 2A

* Your optical light efficiency will vary based on 3D glass manufacturer's product specifications.







