

WAL025972

Old item no.: 18900BK



Wave LED T45 BI 800 840 3,5D CLA ESD NA

Wave LED-ESD is an illuminated magnifier designed for use in static-sensitive environments where electrostatic discharges can prove fatal for electronic components. The shade and arm are powder-coated with a metal-laced paint that measures $10^4\Omega/\text{sq.}$ (conductive). The remaining components are molded in a material that measures $10^5 - 10^6\Omega/\text{sq.}$ (static dissipative). Since the surfaces are no longer insulative, triboelectric charging results in drastically lower voltages, especially since any charge (under 50 volts) is uniformly distributed throughout the entire surface of the head assembly. No knobs to tighten, nothing to adjust - a flexible, self-balancing shade and hands-free neck assembly combined with 45" heavy-duty internal-spring parallel, three-pivot K-arm, allows the lamp head to be secured in any position. The fully-enclosed neck design is ideal for environments where FOD is a



Lightsource

Number of lamps	2
Lightsource	LED
CRI and/or Color Temperature	80 CRI, 4000K
Lamp power (W)	12
Lumen/Watt	59
LLMF LED 50000h Ta25	0.80
Average useful life (IEC 62717) Ta25	50000
Lumen Out	764

Technical data

Maximum ambient temperature (°C)	25
IP classification	20
ESD-Safe	Yes

Termination

Plug type	NA
Cord length (ft)	5
Mounting	Edge clamp

Electrical data

Maximum voltage (V)	240
Maximum frequency (Hz)	60
Minimum frequency (Hz)	50
Voltage from (V)	110
Total consumption (W)	13

Optic

Primary Lens (D)	3.5
Working distance (mm)	285.7
Magnification (X)	1.88

Dimensions

Net weight (kg)	4.4
Arm length (in.)	45

Body

Body color	Black
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Drawings

