

Federal[®] 5050RTBW Secondary Optical Lens Series Datasheet

Features :

- High Efficiency
- Available in various beams
- Total internal reflection technology
- Suitable for "Lambertian" type design
- New single piece, housing or housing-less design for easier assembly
- performance/cost ratio



Typical Applications :

- Stage Lighting
- Architectural Lighting
- Decoration Lights

General Characteristics :

- Lens Material: Optical Grade PMMA and PC
- Operating Temperature Range: -40°C / + 70°C
- Storage Temperature Range: -40°C / + 70°C

Usage and Maintenance :

1. Clean Lenses with mild soap and water and a soft cloth.
2. Do not use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or optical characteristic.

Secondary Lens CQ Series List



• EDOL-CQ25-M12.....	3
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EDOL-CQ25-M12 Specification

For Federal 3045RTBW Emitter

Specification

Features :

- Lens material optical grade PMMA
- Lens with housing

General Application :

- Stage Lighting
- Decoration Lights
- Architectural Lighting



Application Note

- Operating temperature $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (Upper limit $+80^{\circ}\text{C}$)
- Federal 5050 Star 2.0mm
- Never use any commercial solvents on lenses

Color	Typical Lux from 1M	Beam angle	Field angle
EFERTBW-1CE1	641	28.5°	55°

Note: Emitter flux @350mA

R	50lm
T	80lm
B	20lm
W	100lm

