Total internal reflection
Efficiency up – Energy down

Ergonomic and efficient lighting installations with up- and downlight as needed made with TIR reflectors from Auer Lighting. We are using the most recent CNC tooling machinery and in combination with state-of-the-art pressing techniques high precision TIR reflectors can be offered. The designs allow using a variety of lamps to cover a wide range of applications for industrial and shop lighting.

Retrofit or new installations: savings are guaranteed.

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There is no better performance

Efficiency highlights

Properties
- Dimension: 370 × 220 mm
- Weight: 4.5 kg
- "Standard" design:
  10% Uplight
  90% Downlight
- Overall efficiency: 95%
- Designed for high ceilings

Properties
- Dimension: 210 × 155 mm
- Weight: 1.3 kg
- "Special" design:
  30% uplight
  70% downlight
- Overall efficiency: 95%
- Designed for mounting heights > 2 m

Design & Function for 35 W up to 210 W

More power. Fewer watts.

You can realize a smooth illumination and annual savings of: 81 t CO₂ · 135 MWh energy · Euro 20,236

(The above example refers to a room of 60 m × 80 m, using 63 Auer Lighting high bay reflectors resulting in an average illumination of 300 lx compared to a competitor’s glass high bay.)

Tested lamps

High Power
- 400 W Venture HIPE
- 210 W Philips Master Colour CDM-T MW
- 150 W Osram Powerball HCI-T
- 140 W Philips Master CosmoWhite CPO-TW
- 70 W Venture Ceramic Master Plus
- 35 W Venture Ceramic Master Plus

Low Power

Reference light engines are available.