

Eclipse is a modular range of lighting tools for professional lighting design which, in addition to spotlights, also includes powerful floodlights, wallwashers and projectors. The area of application ranges from accent lighting and projection through to wall-washing, with excellent uniformity even in rooms with high ceilings. Amongst the wide range of accessories are anti-dazzle attachments, lenses, colour filters and filters to counteract IR and UV radiation. The entire Eclipse range of luminaires was designed by the Italian architect Mario Bellini.

**General characteristics**  
The range consists of spotlights, spotlights with a normal or Fresnel lenses, floodlights and wallwashers. Housing and bracket are made of cast aluminium and powder-coated in black or white. Some spotlights and floodlights are also available in silver. The electrical connection is always made using a 3-circuit adapter; on enhanced spotlights, e.g. fitted with a normal or Fresnel lens, additional mechanical adapters are also used. Accessories are attached using mounting rings.

## Spotlights



**Characteristics**  
Eclipse spotlights are available in two housing sizes for low-voltage halogen lamps up to 100W. They are powered via electronic transformers and their operation is shown via an LED function indicator. They can be dimmed by integrated potentiometers. For PAR lamps up to 300W or high-pressure discharge lamps up to 70W additional housing shapes are available.

**Application**  
Narrow to medium width rotationally symmetrical light intensity distribution for highlighting in museums, exhibitions, art galleries and also in sales areas and show-rooms.

## Spotlight with lens



**Characteristics**  
Assembly is made here with the additional use of a mechanical adapter. 150W high-pressure discharge lamps are used. A framing attachment and gobos are available as accessories.

**Application**  
For projecting gobos, individual inscriptions and designs with high quality reproduction.

## Spotlight with Fresnel lens



**Characteristics**  
Assembly is made here with the additional use of a mechanical adapter. 150W high-pressure discharge lamps are used. Anti-glare protection and filters are available as accessories.

**Application**  
For variable highlighting in and around entrances and foyers, e.g. in public buildings and hotels as well as exhibition areas and show-rooms.

## Floodlights



### Characteristics

For wide-beam general lighting, high-pressure discharge lamps up to 150W are used. Safety glasses acting as lamp covers and aluminium reflectors are used. The necessary control gear is located in the luminaire housing.

### Application

Wide-beam, axially symmetric light intensity distribution, for wash-lighting surfaces in galleries and shopping malls as well as general lighting in sales areas and presentational areas.

## Wallwashers



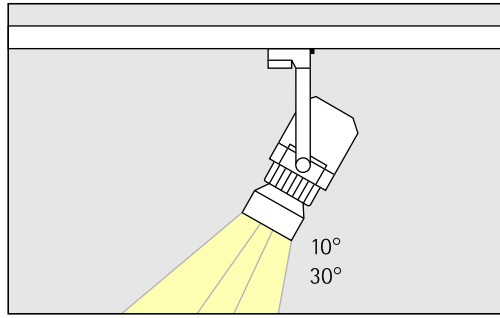
### Characteristics

When using low-voltage halogen lamps up to 100W/12V or 35W high-pressure discharge lamps an even illumination of walls can be obtained in rooms up to 6m high. All wallwashers are equipped with a washlight accessory. This contains a spread lens and the wallwasher reflector typical to ERCO.

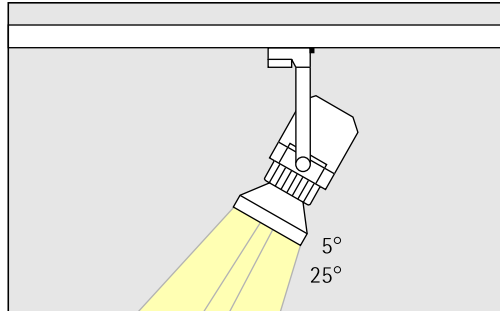
### Application

Optimised, asymmetrical light intensity distribution from a highly efficient reflector system giving an even wash-lighting especially on high walls, uses include museums, exhibitions and art galleries, showrooms and around entrances.

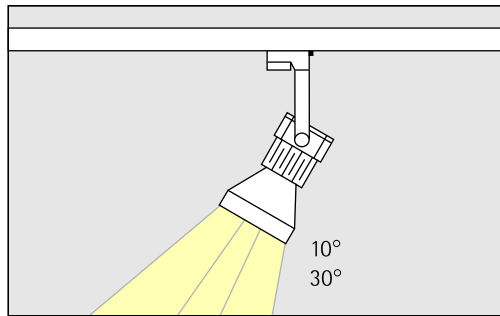
### Spotlights



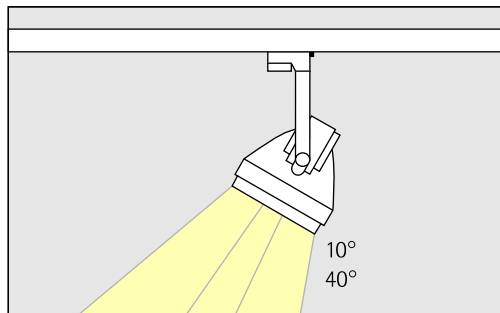
QT12 lamp, spot reflector, flood reflector  
QR-CBC51 lamp



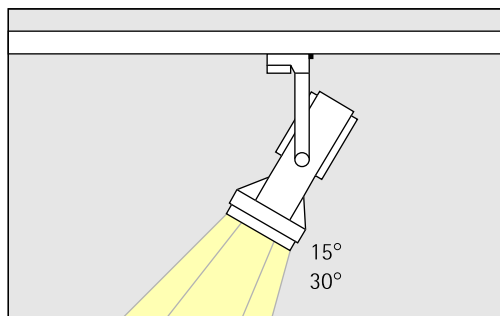
QT12 lamp, spot reflector, flood reflector  
QR111 lamp



PAR38 lamp, Spot or Flood

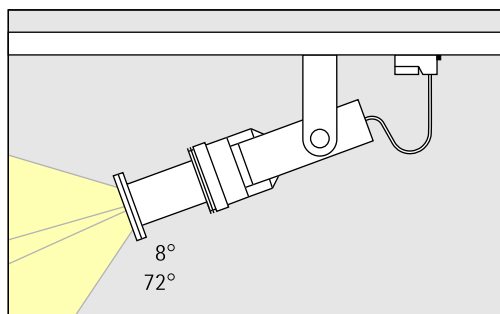


PAR56 lamp, Spot, Medium, Flood



HIT lamp, spot reflector, flood reflector

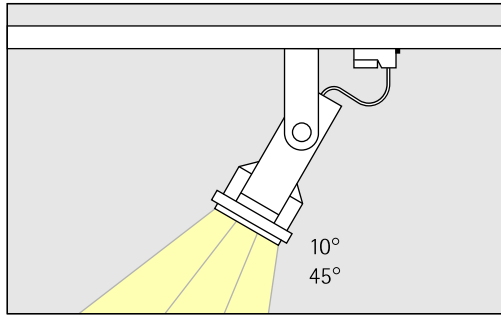
### Spotlight with lens



HIT-DE lamp

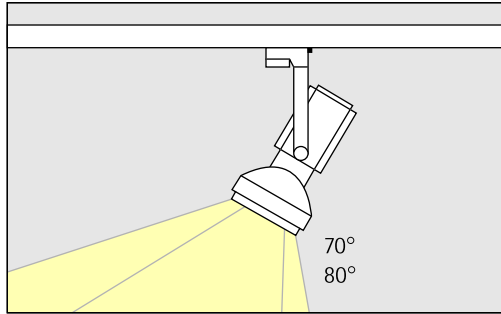
Double condenser with focal plane for reception of gobos, colour filters, framing attachment  
At 5m distance:  
frame edge length 1.50m  
diameter of gobo 3.50m

Spotlight with Fresnel lens



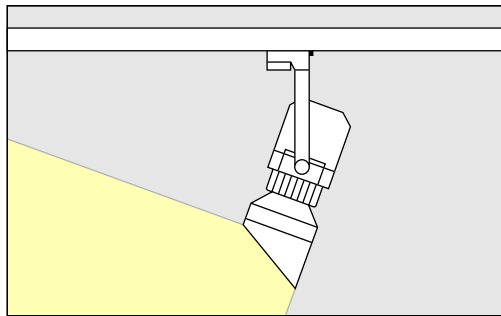
HIT-DE lamp

Floodlights



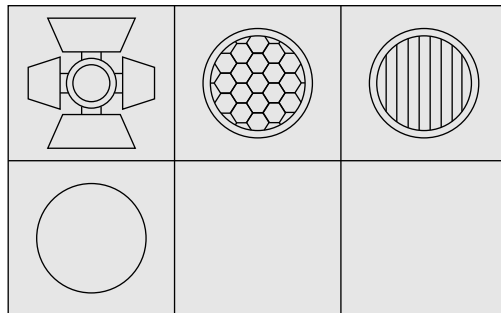
HIT-DE lamp

Wallwashers



QT12 lamp  
HIT lamp

Accessories

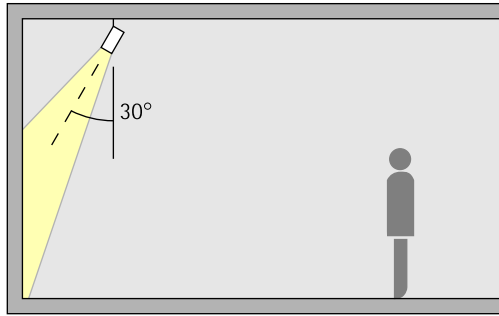


IR-, UV-, skintone filters, daylight-conversion filters  
Interference colour filters: magenta, amber, sky blue, night blue

Sculpture lens

Honeycomb anti-dazzle screen, anti-dazzle ring, barn doors

### Spotlights

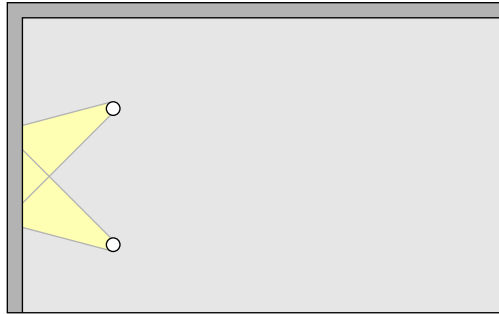


Angle of tilt: 30° for vertical illumination

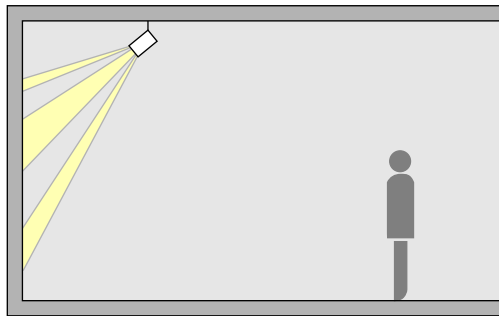
Sculpture lens pattern: horizontal for illumination of vertical objects,

Sculpture lens pattern: vertical for flat illumination of walls

Luminaire spacing: dependent on the roughness of the wall surface and on the evenness of lighting required

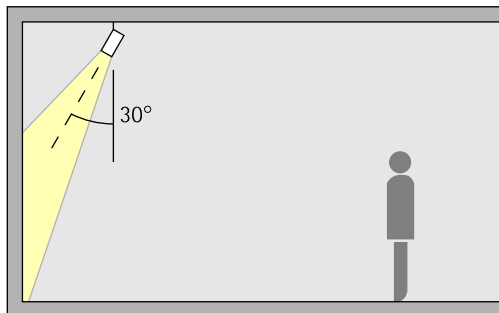


### Spotlight with lens



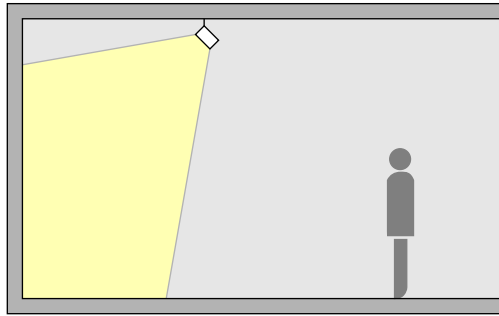
When projecting images, pay attention to distortion

### Spotlight with Fresnel lens



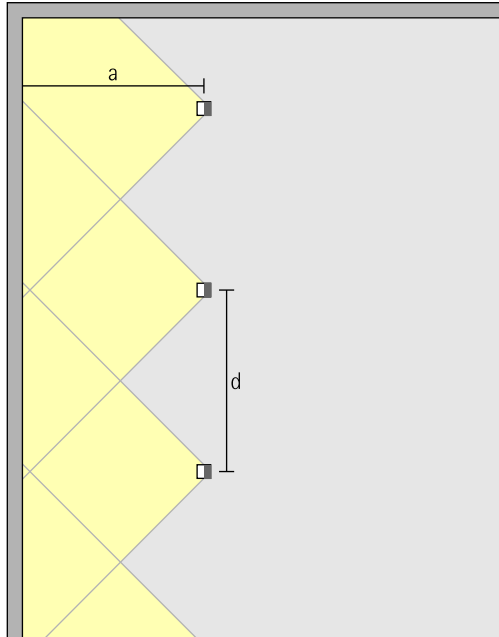
Angle of tilt: 30° for vertical illumination

### Floodlights

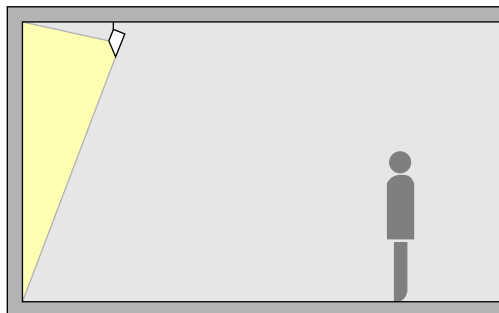


Luminaire spacing: up to 1.5x offset from wall, for even wash-lighting

Maximum offset from wall is the height of the room



### Wallwashers



Angle of tilt 20°

Offset from wall: point of intersection of the 20° line with the ceiling plane

Luminaire spacing: up to 1,5x offset from wall

