



Quintessence Pinhole – Pinpoint accentuation

Minimalist, precise directional spotlights for brilliant effects in the shop

Quintessence Pinhole directional spotlights confidently accent individual objects in the shop. Only a small light emission aperture can be seen in the ceiling. The luminaire therefore blends elegantly into the ceiling and almost disappears as merely a technical detail. The linear opening allows the luminaire head to be swiveled in the ceiling. A supplementary rotary mechanism also enables precise alignment. Quintessence Pinhole directional spotlights epitomize

the approach of 'light instead of luminaire' to guide the attention of the customer.

Quintessence Pinhole Recessed luminaires



Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

1 ERCO Spherolit lens

- Light distribution: narrow spot

2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

3 Cover with anti-glare cone

- White
- Light emission aperture 72x35mm, interior black
- Cut-off angle 50° from horizontal
- Polymer

4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 1/2" - 1" / 12.5-25mm

5 Housing

- Cast aluminum, designed as heat sink
- 0°-30° tilt.
- Fixing ring: polymer, black
- Rotatable through 360°. Angle of rotation lockable

6 Control gear

- Switchable, trailing edge dimmable or 0-10V dimmable
- Trailing edge dimmable version:**
- Operation at 120V: Dimming with external dimmers possible

Variants on request

- Cover and mounting ring: 10,000 further colors
 - Control: Lutron
- Please contact your ERCO consultant.



Design and application:
www.erco.com/quintessence-ph



Quintessence Pinhole Recessed luminaires



Very high visual comfort
 ERCO has developed luminaires with special housing designs and highquality optical components specifically for demanding visual tasks to provide enhanced visual comfort.

Covered or flush mounting detail
 For minimalist designs, ERCO also offers luminaires with flush mounting details.

Special characteristics

-  Excellent visual comfort
-  Flush or covered mounting detail



ERCO high-power LEDs



Efficient Spherolit technology



Cut-off 50° from horizontal



Different light colors



Excellent thermal management



EMC-optimized



Lockable



Tool-free mounting



Switchable



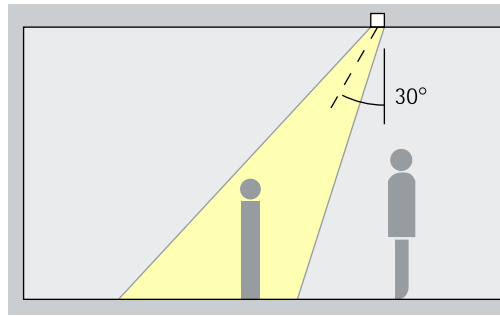
Trailing edge dimmable



0-10V dimmable

Quintessence Pinhole Recessed luminaires – Luminaire arrangement

Directional luminaires
Narrow spot

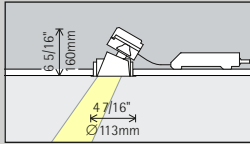


Accentuation
Quintessence Pinhole directional spotlights effectively accentuate works of art, merchandise and architectural details. The ideal angle of tilt (α) for this is around 30° . The object is modeled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Quintessence Pinhole Recessed luminaires

Construction size Size 3



LED module
Maximum value
at 4000K CRI 82

2W/275lm

Light color

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution

Directional luminaires
● Narrow spot

Control

Switchable
 Trailing edge dimmable
0-10V 0-10V

Color (housing)

White
 10,000 colors *

Accessories

	Junction box		Mounting ring
	Flexible metal conduit		Cover ring
	Plaster frame		
	Ultra airtight I.C. box		



* available on request

Article numbers and planning data:
www.erco.com/017290-us

Design and application:
www.erco.com/quintessence-ph

