Quintessence round – The system solution for excellent visual comfort

The surface-mounted luminaire for uniform light with large luminaire spacing

As a surface-mounted version, Quintessence becomes an aesthetic architectural feature with the photometric properties of a downlight. Quintessence surface-mounted luminaires are designed with integrated control gear, making them ideal for use in rooms with ceilings that do not permit recessed luminaires. Following the system design of its range, surface-mounted luminaires offer the same sizes and lumen packages as recessed downlights. With an emission angle of 90° and a 40° cut-off, Quintessence meets the challenges of efficient ambient lighting masterfully whilst achieving high cylindrical illuminances. Its exceptionally wide beam enables large luminaire spacing with highly uniform illuminance distribution – and excellent glare control.

Technical Region:
220V-240V/50Hz-60Hz

We reserve the right to make technical and design changes.

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Current version under www.erco.com/quintessence-s
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 DarkLight Reflector
   - Cut-off angle 40°
   - Polymer, aluminium vapourised, mirror-finish

2. ERCO LED-Module
   - High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

3. Diffuser Lens
   - Made of optical polymer
   - Light distribution: extra wide flood

4. Cylinder
   - White (RAL9002)
   - Aluminium profile, powder-coated
   - Ceiling fixture: metal

5. Control Gear
   - Switchable

Variants on request
   - Reflector: coated matt gold, matt silver or matt champagne
   - Housing: 10,000 further colours
Please contact your ERCO consultant.

Design and application:

www.erco.com/quintessence-s

Quintessence round
Surface-mounted luminaires

Very high visual comfort
The Darklight reflector combines maximum visual comfort with an optimum light output ratio.

Special characteristics

- ERCO high-power LEDs
- Excellent thermal management
- Switchable
- Different light colours
- Various construction sizes

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**Quintessence round** Surface-mounted luminaires – Luminaire arrangement

**General lighting**

For uniform ambient lighting with high visual comfort, the spacing (d) between two Quintessence surface-mounted downlights may be up to approximately 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: \[ d \leq 1.5 \times h \]

The wall offset should be half the luminaire spacing.

Arrangement: \[ a = \frac{d}{2} \]

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*Evangelical Church, Darmstadt. Lighting design: Prof. Harald Hofmann, Lüdenscheid.*
