

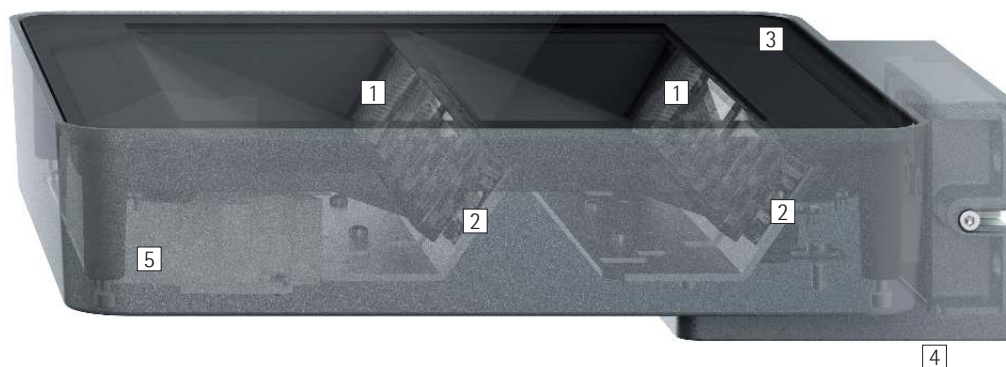


Lightscan – Dynamic ceiling illumination for a wide spatial impression

Using Lightscan façade luminaires to washlight ceilings in airports, train stations, arcades and passages

Lightscan façade luminaires give a light and spacious impression to ceilings especially in such formidable spaces as passages or train stations. The intense, uniform washlighting of the robust luminaire allows for economical illumination of the ceiling with luminaires spaced far apart, performing equally well in outdoor and indoor applications. High levels of luminous flux and efficient photometrics ensure an excellent level

of brightness – particularly in large and high rooms. Two different light distributions – wide or deep beam – offer the perfect solution for the illumination of large ceiling areas. Maintenance-free optoelectronics guarantee maximum efficiency to help save our resources and result in lower operating costs.



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 distributions: wide beam or deep beam

2 ERCO LED-module

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

3 Cover frame

- Cast aluminum, black powder-coated
- Safety glass

4 Housing and wall plate

- Graphit m
- Corrosion-resistant cast aluminum, No-Rinse surface treatment
- Double powder-coated
- Optimized surface for reduced accumulation of dirt

5 Control gear

- 0-10V dimmable

Suitable for wet locations (IP65)

Dust-proof and water jet-proof

Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
 - Housing: 10,000 further colors
- Please contact your ERCO consultant.



Design and application:
www.erco.com/lightscan-f

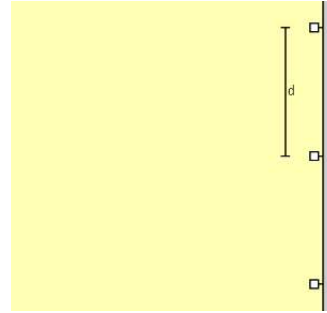
Lightscan Façade luminaires



Different light distributions: wide or deep
 The wide light distribution of ceiling washlights efficiently illuminates cantilever roofs along the facade. The deep beam light distribution of ceiling washlights is ideal for the wide-area illumination of ceilings.



Large lumen packages for very high illuminances
 ERCO offers luminaires with large lumen packages for generating very high illuminances.



Wide luminaire spacing with ceiling washlighting
 ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimizing the number of luminaires required.

Special characteristics

- Large lumen packages for very high illuminances
- Different light distributions: wide or deep
- Wide luminaire spacing with ceiling washlighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colors



Excellent thermal management



EMC-optimized



Various construction sizes



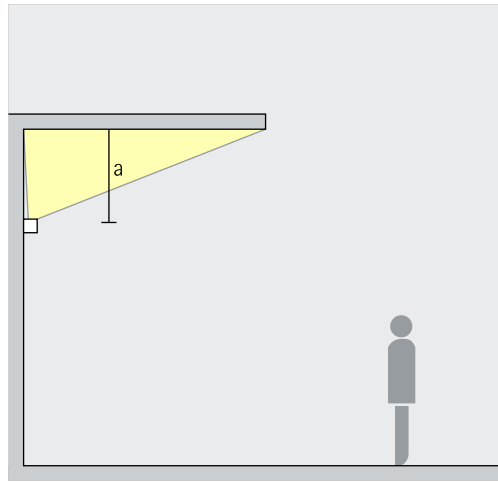
Wet location



0-10V dimmable

Lightscan Façade luminaires – Luminaire arrangement

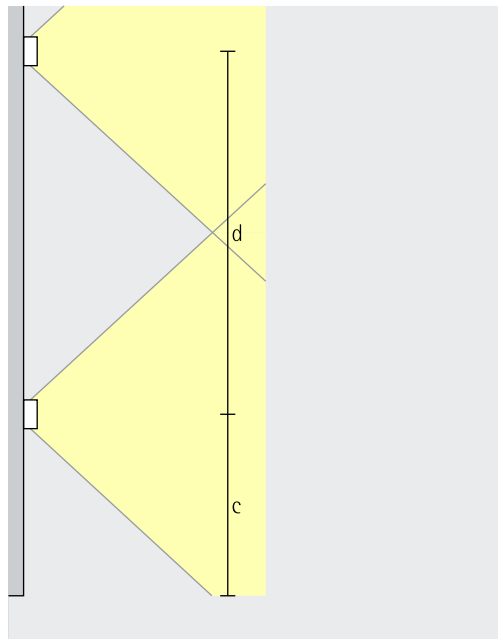
Ceiling washlights
Wide beam, Deep beam



Washlighting

Uniform illumination using Lightscan gives a light and spacious impression to ceilings. The distance (a) of the luminaire to the ceiling determines the luminaire spacing (d) and depends on the design criteria. This distance (a) should be at least 2ft.

Arrangement: $a > 2\text{ft}$



The distance (d) of luminaires with wide beam light distribution may be up to 4 times the ceiling offset (a).

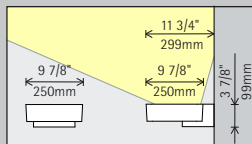
Arrangement: $d = 4 \times a$

The distance (d) of luminaires with deep beam light distribution may be up to 3 times the ceiling offset (a).

Arrangement: $d = 3 \times a$

Lightscan Façade luminaires

Construction size 9 7/8"



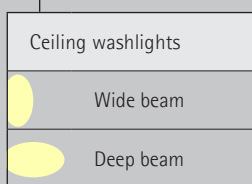
LED module
Maximum value at 4000K CRI 82

24W/3300lm

Light color

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

Light distribution



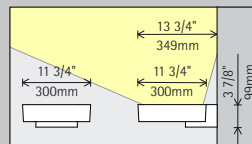
Control

0-10V 0-10V

Color (housing)



11 3/4"



48W/6600lm

2700K CRI 92 *

3500K CRI 92 *

3000K CRI 92

4000K CRI 82

3000K CRI 97 *

4000K CRI 92 *

Ceiling washlights

Wide beam

Deep beam

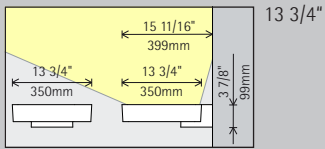
0-10V 0-10V

Graphit m

10,000 colors *

Accessories





72W/9900lm

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

Ceiling washlights	
	Wide beam
	Deep beam

0-10V 0-10V

	Graphit m
	10,000 colors *

* available on request

Article numbers and planning data:
www.erco.com/015413-us

Design and application:
www.erco.com/lightscan-f



