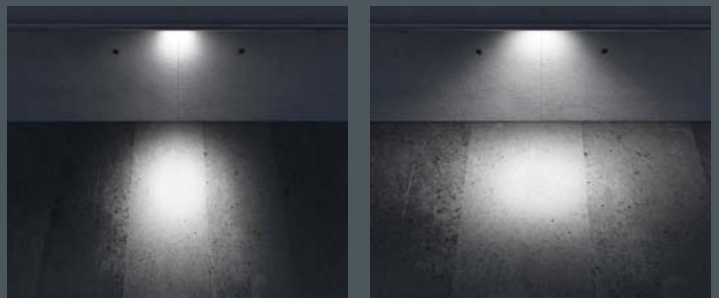




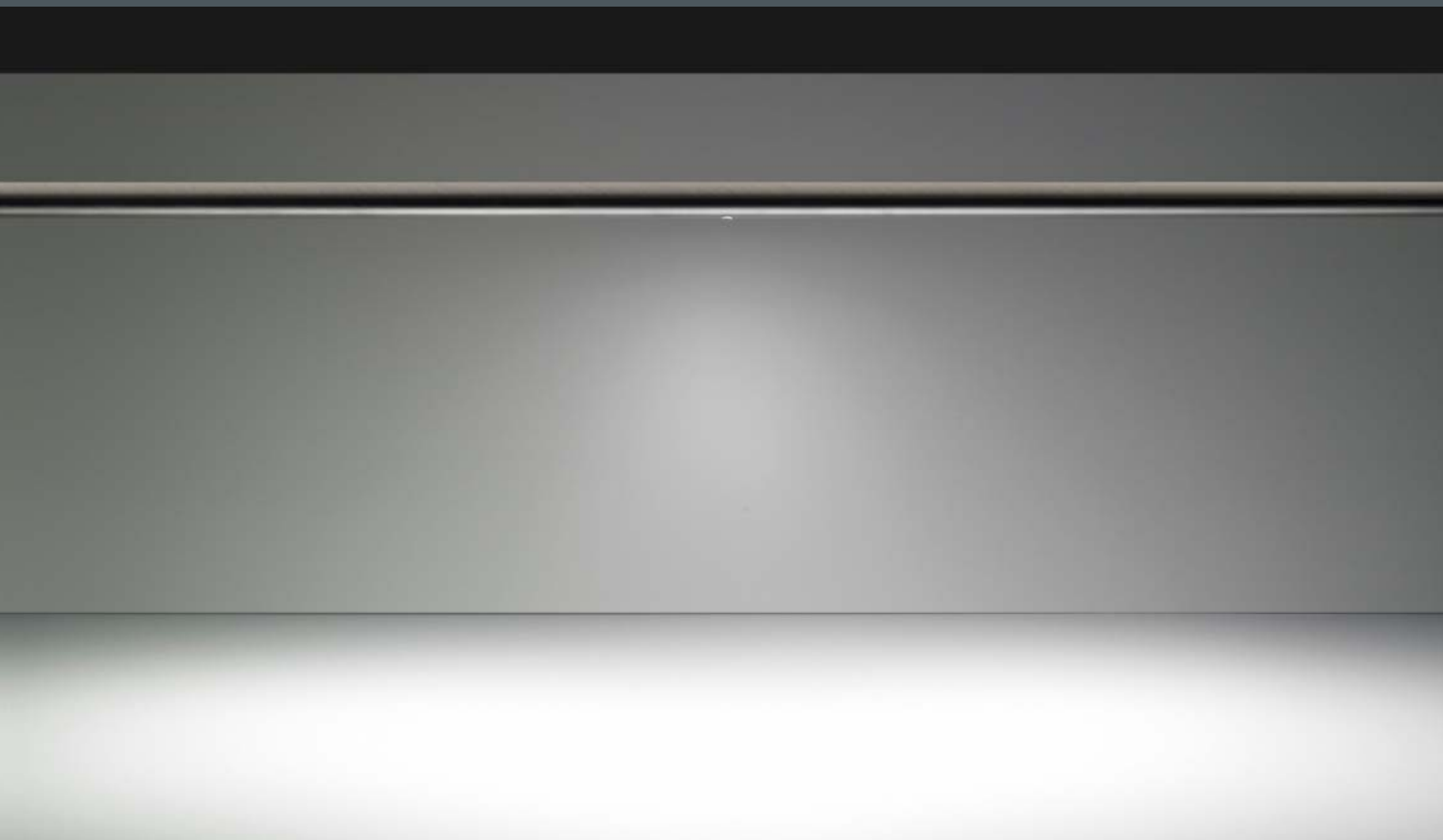
Nanodot are miniature luminaires for recess installation into round handrails made of metal. Discreet and completely glare-free, these luminaires achieve uniform illumination on paths and stairs next to railings. Precise optics create asymmetrical or wide beam light distributions and make large luminaire spacings possible. The luminaires can be retro-fitted into existing handrails on site.



The extremely small luminaires are recessed into handrails and built-in flush with the surface. For protection against theft, the use of a special tool is necessary to take out the luminaires.

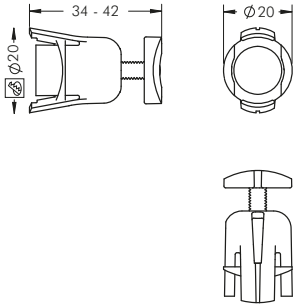


Alternatively, the luminaires are available with asymmetrical or with wide beam light distribution.



Nanodot luminaires that are built into handrails, provide uniform and secure illumination on paths and stairs.



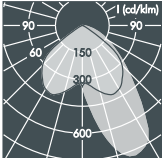
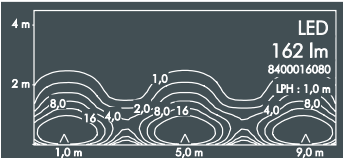


**Nanodot
handrail luminaire**

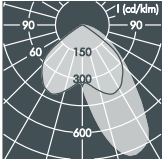
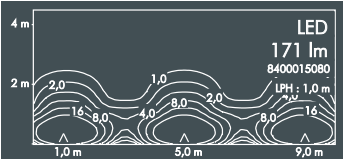
With 1 x high performance LED,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class III ⚡, IP65 ⚡⚡⚡, IK10
luminaire made of corrosion-resistant stainless steel (V4A),
for flush mounting into round handrails,
suitable for outer diameter 38 - 45 mm,
precise light control with miniature polycarbonate optic,
installation housing made of fibreglass reinforced plastic,
2 x 130 mm FEP single wires and
2 x IP67 silicone-potted pressure clamp connectors,
suitable for connection to remote constant current
power supply max. 500 mA

Nanodot, lateral wide beam

Part number	Handrail Ø*	Light source	Luminous flux	Beam angle γ (FWHM)	
8 400 016 089	38 - 45 mm	1 x LED 1.5 W warm white (3000 K)	162 lm	C 0 – 180 30°	C 90 – 270 105°

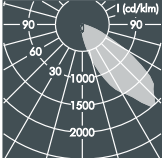
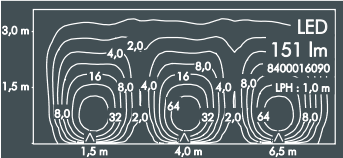


Part number	Handrail Ø*	Light source	Luminous flux	Beam angle γ (FWHM)	
8 400 015 089	38 - 45 mm	1 x LED 1.5 W neutral white (4000 K)	171 lm	C 0 – 180 30°	C 90 – 270 105°

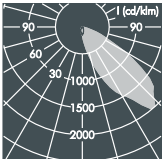
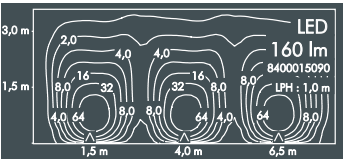


Nanodot, asymmetrical beam

Part number	Handrail Ø*	Light source	Luminous flux	Main beam angle γ
8 400 016 099	38 - 45 mm	1 x LED 1.5 W warm white (3000 K)	151 lm	43°



Part number	Handrail Ø*	Light source	Luminous flux	Main beam angle γ
8 400 015 099	38 - 45 mm	1 x LED 1.5 W neutral white (4000 K)	160 lm	43°

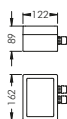


*Luminaires available for handrails with different outer diameters upon request.

LED

Luminaires available in 2700 K and other colour temperatures upon request



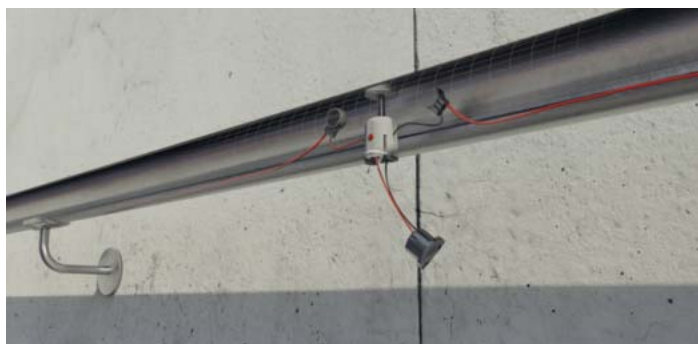


Accessories Nanodot

Part number	Description
	Power supply , grey, weather-resistant polycarbonate, IP67, IK08, integral constant current driver (AC/DC) preset to 500 mA, 2 x M20 cable glands for cable diameter 5 -14 mm
114 0 042 000	for 1 - 7 luminaires (max. 12 W)
114 0 042 100	for 1 - 7 luminaires dimmable (DALI) (max. 12 W)
114 0 052 100	for 4 - 13 luminaires dimmable (DALI) (max. 20 W)



Part number	Description
230 2 606 000	Screwdriver , with allen ball head 2.5 mm, tool for luminaire installation



After completing the electrical connection, the plastic installation housing is inserted. The luminaires are mounted flush with the handrail. To explain this installation, there is a video on our website www.meyer-lighting.com.