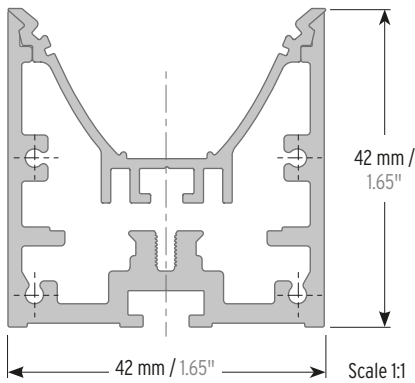
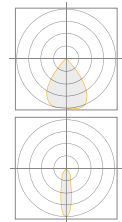


XOOMINAIRE™ 4242

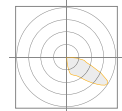
LED luminaire in IP20 or IP40 for task or general lighting with remote PSU and controller. Compact 42 mm x 42 mm (1.65" x 1.65") form factor housing made from extruded and anodized aluminum profile and magnetic aluminum end caps available in silver or black color as surface-mounted or pendant version. Stand-Alone luminaires are delivered with 2 m (6.56') transparent 3 or 5 wires cable (on/off or DALI) open end cable feeded on one-side. Easy continuous row installation thanks to mechanical connectors. Allow the use of 10 high quality optics. Light source assembled using state of the art automated Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. In combination with ceramic LED packages a thermal resistivity of 16.3 K/W is achieved for an optimal heat dissipation (junction to profile) which guarantees an outstanding lifetime of > 60,000 hrs L80/B10. Embeds high quality japanese LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of > 85 ensuring a remarkable light quality. Protected against electrostatic discharge +/- 2,000 V and polarity miswiring. Fully PWM dimmable for frequency > 0 Hz up to 2 kHz (flicker-free for frequency higher then 1.2 kHz according to IEEE P1789 standard). Engineered and produced in Germany.



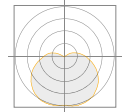
65° / 25°



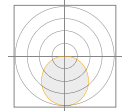
WW



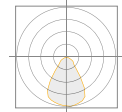
OH



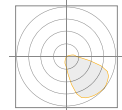
OS



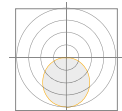
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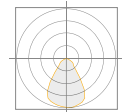
AD



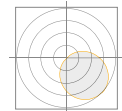
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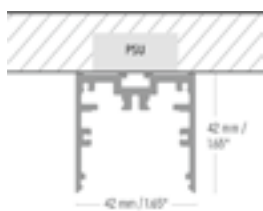
DW



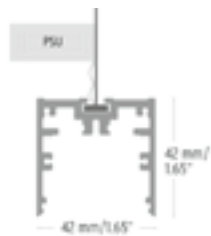
AO



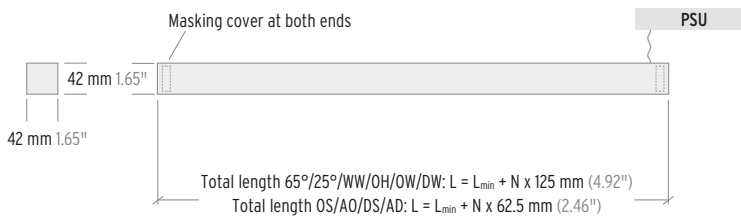
Mounting



Surface-mounted



Pendant



Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,800 / 500	812 / 2.66	3,812 / 12.51
HO	24.8 / 7.6	2,900 / 800	812 / 2.66	2,937 / 9.64
SO	40.0 / 12.2	3,900 / 1,100	812 / 2.66	1,937 / 6.35

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,900 / 500	816 / 2.68	3,816 / 12.52
HO	24.8 / 7.6	3,100 / 900	816 / 2.68	2,941 / 9.65
SO	40.0 / 12.2	4,100 / 1,200	816 / 2.68	1,941 / 6.37

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,200 / 300	816 / 2.68	3,816 / 12.52
HO	24.8 / 7.6	1,900 / 500	816 / 2.68	2,941 / 9.65
SO	40.0 / 12.2	2,500 / 700	816 / 2.68	1,941 / 6.37

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,300 / 300	816 / 2.68	3,816 / 12.52
HO	24.8 / 7.6	2,100 / 600	816 / 2.68	2,941 / 9.65
SO	40.0 / 12.2	3,100 / 900	816 / 2.68	1,941 / 6.37

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,600 / 400	816 / 2.68	3,816 / 12.52
HO	24.8 / 7.6	2,600 / 700	816 / 2.68	2,941 / 9.65
SO	40.0 / 12.2	3,800 / 1,100	816 / 2.68	1,941 / 6.37

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,600 / 400	816 / 2.68	3,816 / 12.52
HO	24.8 / 7.6	2,600 / 700	816 / 2.68	2,941 / 9.65
SO	40.0 / 12.2	3,800 / 1,100	816 / 2.68	1,941 / 6.37

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.3 / 4.7	1,300 / 300	812 / 2.66	3,812 / 12.51
HO	24.8 / 7.6	2,100 / 600	812 / 2.66	2,937 / 9.64
SO	40.1 / 12.2	2,700 / 800	812 / 2.66	1,937 / 6.35

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.3 / 4.7	1,600 / 400	812 / 2.66	3,812 / 12.51
HO	24.8 / 7.6	2,600 / 700	812 / 2.66	2,937 / 9.64
SO	40.1 / 12.2	3,400 / 1,000	812 / 2.66	1,937 / 6.35

Power	W/m / W/ft	lm/m / lm/ft	min length mm / ft	max length mm / ft
HE	15.2 / 4.6	1,300 / 300	816 / 2.68	3,816 / 12.52
HO	24.8 / 7.6	2,100 / 600	816 / 2.68	2,941 / 9.65
SO	40.0 / 12.2	3,100 / 900	816 / 2.68	1,941 / 6.37

▶ 65° - Deep, wide, UGR < 16 ▶ 25° - Deep, UGR < 16

- Wide and deep light distribution (Batwing) for precise and generous illumination of areas (65°)
- Precise, deep light distribution for accurate illumination of areas (25°)
- Pleasant illumination at moderate (65°) and thorough illumination at high (25°) luminance and directional light
- UGR < 16 through precision-crafted aluminum-reflector-optic 65°/25°

▶ WW - Wall washer

- Homogeneous distribution of brightness on the wall
- Complete illumination of the wall (height 3.5 m / 11.5'; distance 0.5 - 1 m / 1.6' - 3.3')
- Precision-crafted aluminum-reflector-optic Wall washer

▶ OH - Opal, high cover

- All around symmetric and very wide light distribution for particular uniform illumination
- Optimal viewing comfort with absolutely homogeneous light
- High opal PMMA design cover

▶ OS - Opal 20 mm / 0.79" cover, wide (110°)

- All around symmetric and wide light distribution for very uniform illumination
- Optimal viewing comfort with absolutely homogeneous light
- Narrow opal PMMA design cover

▶ DS - Diffuse 20 mm / 0.79" cover, wide (70°)

- Wide, slightly deep light distribution for generous illumination of areas
- Average luminance combined with a pleasant, wide illumination
- Narrow diffuse PMMA design cover

▶ AD - Asymmetric, diffuse 20 mm / 0.79" cover, wide (70°)

- Asymmetric, uniform light distribution for generous illumination of areas
- Particularly good accenting of objects at average luminance
- Narrow diffuse PMMA design cover

▶ OW - Opal 40 mm / 1.57" cover, wide (110°)

- All around symmetric and wide light distribution for very uniform illumination
- Optimal viewing comfort with absolutely homogeneous light
- Wide opal PMMA design cover

▶ DW - Diffuse 40 mm / 1.57" cover, wide (70°)

- Wide, slightly deep light distribution for generous illumination of areas
- Average luminance combined with a pleasant, wide illumination
- Wide diffuse PMMA design cover

▶ AO - Asymmetric, opal 20 mm / 0.79" cover, wide (70°)

- Asymmetric and wide light distribution for very uniform illumination
- Particularly good accenting of objects with absolutely homogeneous light
- Narrow opal PMMA design cover