

FUSION IP67 FUSION _____ IP67



Project name

Company

Phase / Luminaire type for tech. spec. document

Date



Luminaire configuration: Stand-alone luminaire



Integrated anti-glare: Integrated anti-glare black



Integrated anti-glare: Integrated anti-glare grey



Integrated anti-glare: Integrated anti-glare white



Light color / light source: Static White



Light color / light source: Tunable White (TW)



Color rendering and efficiency: HC - CRI > 90, standard efficacy



LED pitch / density: Low Density



Profile color: Black



Profile color: Grey (RAL9022)



Profile color: White (RAL9003)



Power supply position: External PSU



Cable / connector configuration: MOL - Male connector left side only



Cable / connector configuration: MO - Male connector one side



Cable / connector configuration: MOR - Male connector right side only



Cable / connector configuration: DC - Daisy chain



Cable / connector configuration: DCR - Daisy chain, male right / female left



Cable / connector configuration: DCL - Daisy chain, male left / female right



Protection class: IP67



Input voltage [V]: 24V DC

DESIGNED TO BE SMALL. ENGINEERED TO PERFORM.

FUSION is a high-precision, high-performance linear lighting system that unites robustness and precise light control in one compact platform. By combining our core technologies Reel-to-Reel, Nano Optics and PU encapsulation, it delivers durable outdoor performance with engineered accuracy. With an application efficiency up to 92% of total lumen flux, FUSION sets a benchmark for lasting performance and visual brilliance.

CERTIFICATES



Conformité Européenne (CE)



Ecodesign Directive



Environmental Product Declaration (EPD)



ETL certified



Protection Class III



WEEE

- IECCE CB Scheme
- IPx7 testing according to IEC 60529:1989 by Intertek
- Protection test up to IK10 according to IEC 62262 by Intertek
- Static load testing up to 20 kN according to EN 60598-2-13:2006 by Intertek

ELECTRICAL & OUTPUT DATA ⁽¹⁾

Power [W/m]	5	10	15	25	40
Efficiency [lm/W]	118.3	114.2	112.9	108.5	99.2
Max. daisy chain length [m]	7.5	5	5	3	2
CRI / R9	86/18	86/18	86/18	86/18	86/18
Rf / Rg	83/97	83/97	83/97	83/97	83/97
Ambient temperature [°C] max	50	50	50	50	40
Housing Temperature [°C] max	70	70	70	70	75

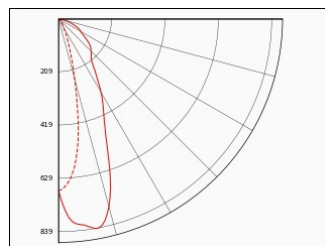
Power [W/m]	5	10	15	25	40
Luminous flux [lm/m]					
W822	470	840	1330	1980	2790
W927	450	820	1260	1900	2840
W930	460	840	1300	1950	3200
W935	470	860	1330	2030	3230
W940	500	870	1350	2080	3320
W850	590	1140	1690	2710	3970

(1): Light engine family: VarioLED Flex NEXUS LD HC ; Light distribution: 15° x 15° - nano optics ; Light color / light source: Static White ; Profile color: Black ; Integrated anti-glare: Integrated anti-glare white ; Optional glare control accessory: Glare Shield Black (RAL9004)

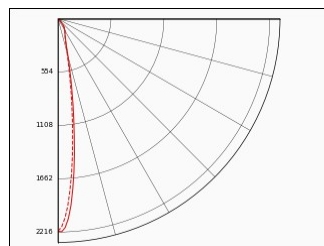
PRODUCT INFORMATION

Product family	FUSION IP67	Protection class	IP67
Luminaire type (rigid / flexible)	Rigid luminaire	Luminaire profile size	Standard
Color rendering and efficiency	HC - CRI > 90, standard efficacy	Lumen maintenance (LED manufacturer specification)	L80/B10
LED pitch / density	Low Density	ANSI LED binning	3 SDCM
Cable outlet position	X - Not relevant	Power supply position	External PSU
Control technology	No PSU with No Control Controller	Input voltage [V]	24V DC
Luminaire configuration	Stand-alone luminaire	Storage temperature [°C]	TS(min): -30°, TS(max): 85°
fixed luminaire section [mm]	33		

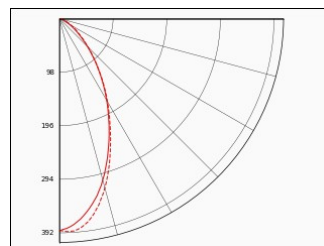
AVAILABLE OPTICS



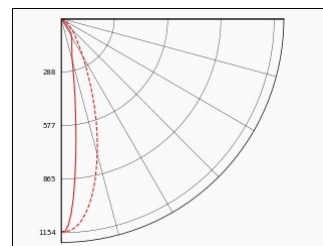
ASYM - asymmetric wall wash



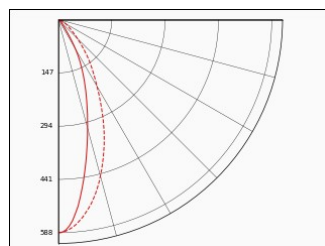
15° x 15° - nano optics



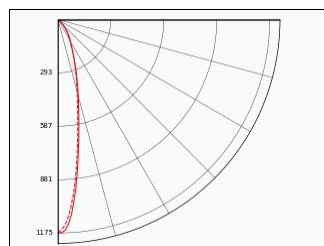
50° x 50° - nano optics



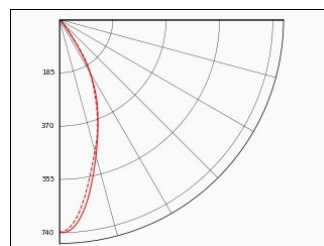
15° x 40° - nano optics



30° x 50° - nano optics



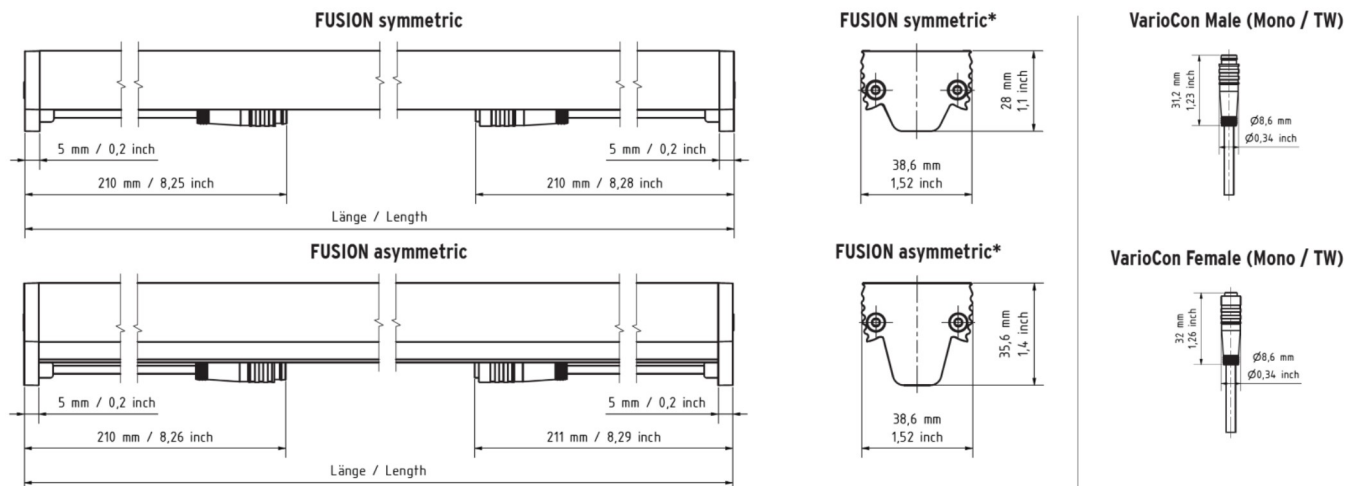
20° x 20° - nano optics



40° x 40° - nano optics

TECHNICAL SPECIFICATIONS

For general tolerances, including length tolerances, please refer to the technical drawing.



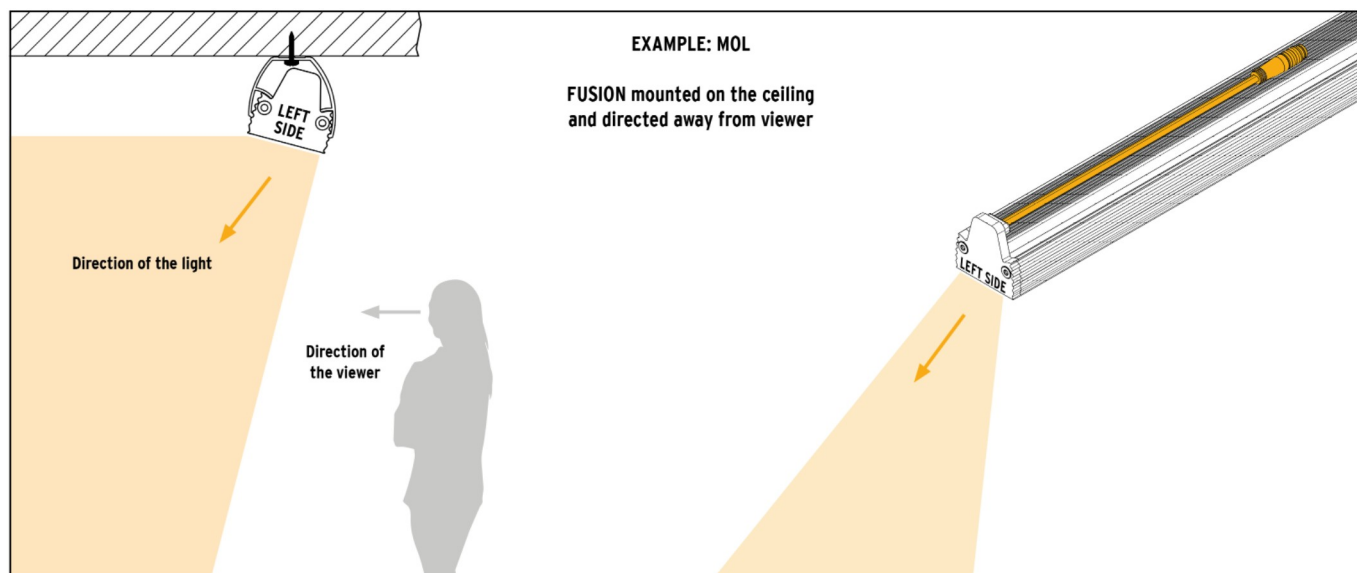
The ordercode options for the cable position refers only to asymmetrical optic „asym“.

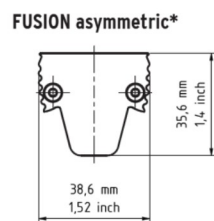
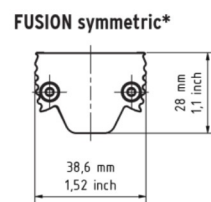
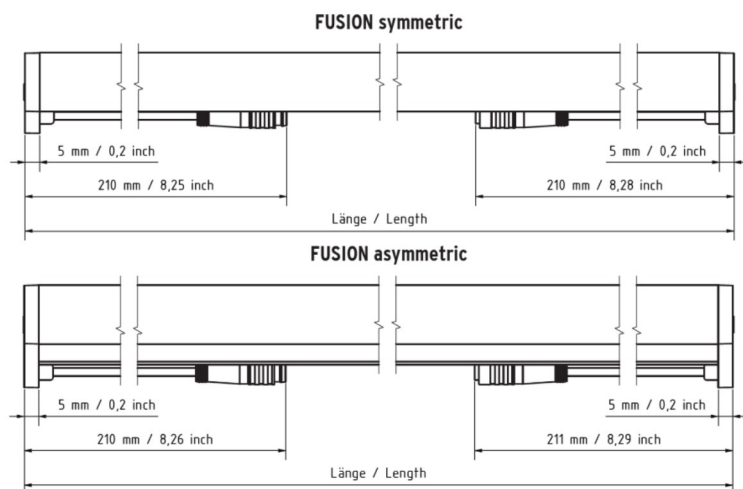
MOL = male connector on the left side when light is directed away from the viewer mounted on the ceiling

MOR = male connector on the right side when light is directed away from the viewer mounted on the ceiling

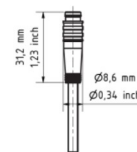
DCL = male connector on the left side when light is directed away from the viewer mounted on the ceiling (female connector on the right side)

DCR = male connector on the right side when light is directed away from the viewer mounted on the ceiling (female connector on the left side)

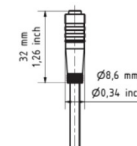




VarioCon Male (Mono / TW)



VarioCon Female (Mono / TW)



The ordercode options for the cable position refers only to asymmetrical optic „asym“.

MOL = male connector on the left side when light is directed away from the viewer mounted on the ceiling

MOR = male connector on the right side when light is directed away from the viewer mounted on the ceiling

DCL = male connector on the left side when light is directed away from the viewer mounted on the ceiling (female connector on the right side)

DCR = male connector on the right side when light is directed away from the viewer mounted on the ceiling (female connector on the left side)

