



Flexible, Comprehensive and Reliable

Essential SmartBright Magnetic

Essential SmartBright Magnetic is a comprehensive product family with magnetic design which supports an easier and flexible way of installation and commissioning. It offers a complete range of options with product diversity and control availability.

Benefits

- Easy & Flexible for installation & commissioning.
- Comprehensive offerings to meet various application requirements.
- Good lighting quality with well controlled glare and color rendering performance.
- Ensured quality and reliability.

Features

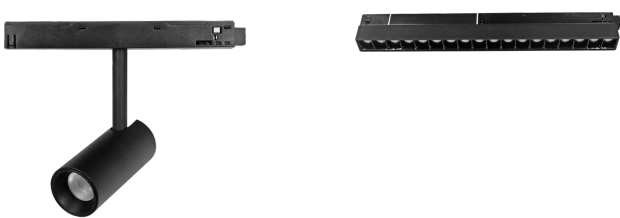
- Product diversities with magnetic design, including spot, flood, suspension, gridlight and tiltable grid.
- CRI $\geq$ 90, SDCM $\leq$ 5

Application

- Retail
- Hospitality
- Fashion

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Versions



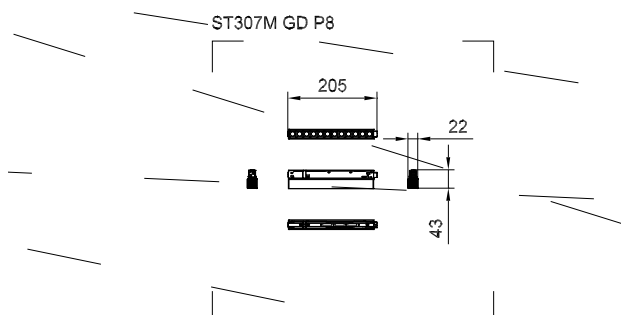
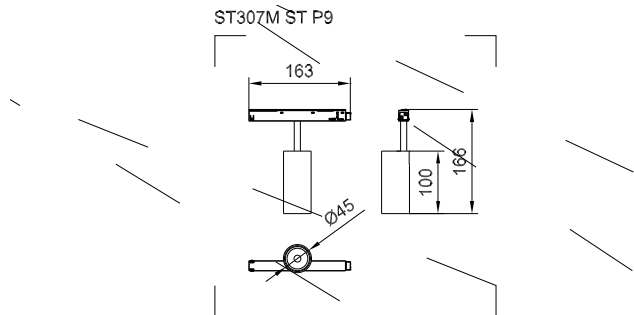
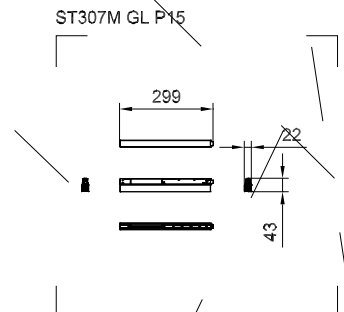
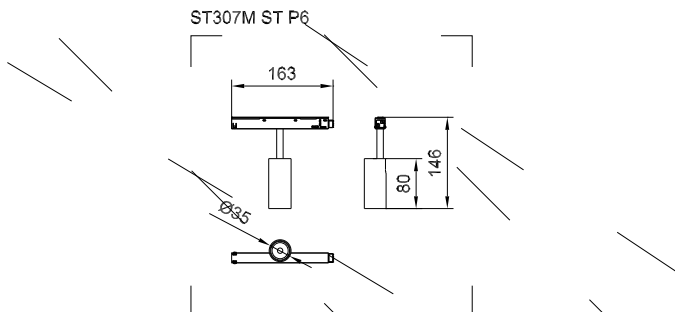
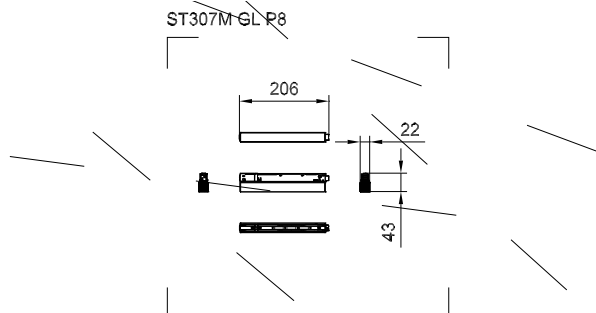
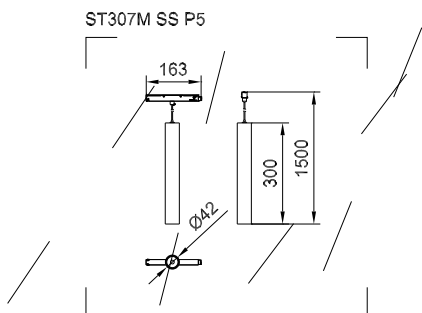
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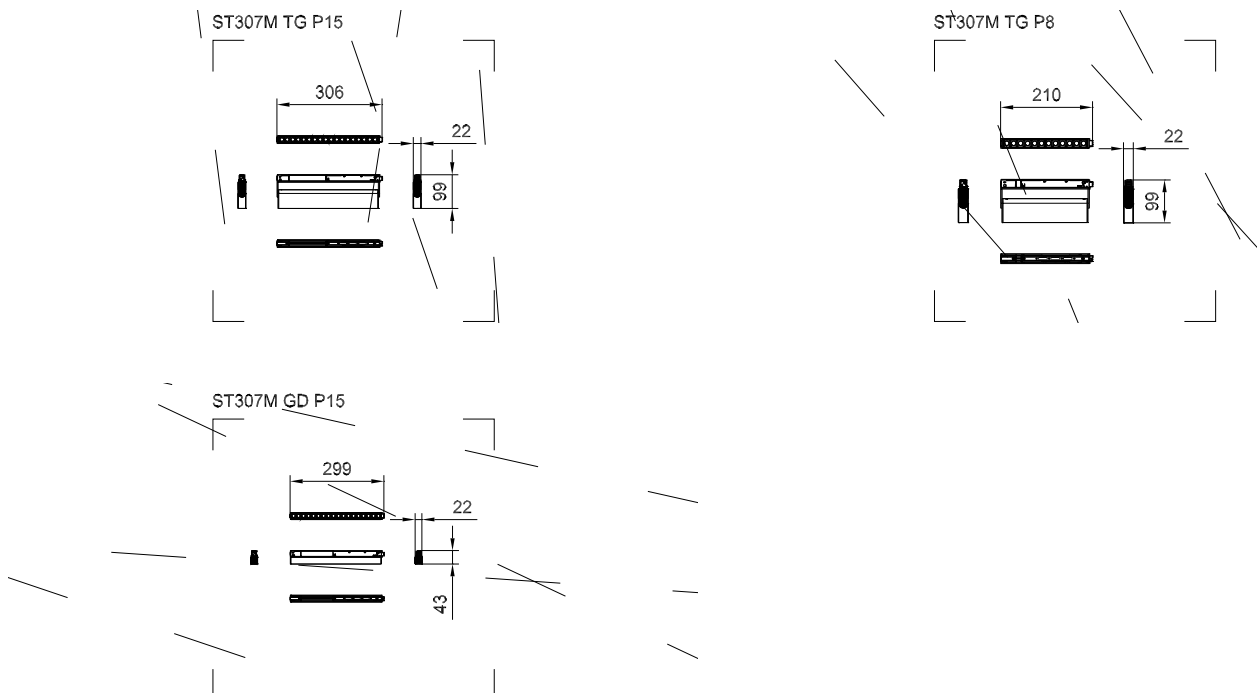
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Dimensional drawing



Dimensional drawing



Light Technical	
Color rendering index (CRI)	90
Operating and Electrical	
Protection class IEC	Safety class III
Input Voltage	48 V
Line Frequency	- Hz
Controls and Dimming	
Dimmable	-
Mechanical and Housing	
Housing Color	Black
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	No
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401523742	ST298M Tilttable Grid 15W 930 30D	3000 K	70 lm/W	1,050 lm
911401523942	ST298M Tilttable Grid 15W 940 30D	4000 K	85 lm/W	1,275 lm
911401524142	ST298M L Flood 15W 930	3000 K	40 lm/W	600 lm
911401524342	ST298M L Flood 15W 940	4000 K	40 lm/W	600 lm
911401522842	ST298M Spotlight 6W 930 40D	3000 K	70 lm/W	420 lm
911401522942	ST298M Spotlight 6W 940 40D	4000 K	85 lm/W	510 lm
911401523642	ST298M Tilttable Grid 8W 930 30D	3000 K	70 lm/W	560 lm
911401523842	ST298M Tilttable Grid 8W 940 30D	4000 K	80 lm/W	640 lm
911401523242	ST298M Grid 8W 930 30D	3000 K	70 lm/W	560 lm
911401523442	ST298M Grid 8W 940 30D	4000 K	80 lm/W	640 lm
911401523042	ST298M Spotlight 9W 930 40D	3000 K	60 lm/W	540 lm
911401523142	ST298M Spotlight 9W 940 40D	4000 K	75 lm/W	675 lm
911401523342	ST298M Grid 15W 930 30D	3000 K	70 lm/W	1,050 lm
911401523542	ST298M Grid 15W 940 30D	4000 K	85 lm/W	1,275 lm
911401524042	ST298M L Flood 8W 930	3000 K	40 lm/W	320 lm
911401524242	ST298M L Flood 8W 940	4000 K	40 lm/W	320 lm
911401524442	ST298M Suspension 5W 930 36D	3000 K	70 lm/W	350 lm
911401524542	ST298M Suspension 5W 940 36D	4000 K	90 lm/W	450 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401523742	ST298M Tilttable Grid 15W 930 30D	15 W
911401523942	ST298M Tilttable Grid 15W 940 30D	15 W
911401524142	ST298M L Flood 15W 930	15 W
911401524342	ST298M L Flood 15W 940	15 W
911401522842	ST298M Spotlight 6W 930 40D	6 W
911401522942	ST298M Spotlight 6W 940 40D	6 W
911401523642	ST298M Tilttable Grid 8W 930 30D	8 W
911401523842	ST298M Tilttable Grid 8W 940 30D	8 W
911401523242	ST298M Grid 8W 930 30D	8 W

Order Code	Full Product Name	Power Consumption
911401523442	ST298M Grid 8W 940 30D	8 W
911401523042	ST298M Spotlight 9W 930 40D	9 W
911401523142	ST298M Spotlight 9W 940 40D	9 W
911401523342	ST298M Grid 15W 930 30D	15 W
911401523542	ST298M Grid 15W 940 30D	15 W
911401524042	ST298M L Flood 8W 930	8 W
911401524242	ST298M L Flood 8W 940	8 W
911401524442	ST298M Suspension 5W 930 36D	5 W
911401524542	ST298M Suspension 5W 940 36D	5 W

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401523742	ST298M Tilttable Grid 15W 930 30D	Polycarbonate bowl/cover
911401523942	ST298M Tilttable Grid 15W 940 30D	Polycarbonate bowl/cover
911401524142	ST298M L Flood 15W 930	Polycarbonate micro lens optic
911401524342	ST298M L Flood 15W 940	Polycarbonate micro lens optic
911401522842	ST298M Spotlight 6W 930 40D	Polycarbonate micro lens optic
911401522942	ST298M Spotlight 6W 940 40D	Polycarbonate micro lens optic
911401523642	ST298M Tilttable Grid 8W 930 30D	Polycarbonate bowl/cover
911401523842	ST298M Tilttable Grid 8W 940 30D	Polycarbonate bowl/cover
911401523242	ST298M Grid 8W 930 30D	Polycarbonate bowl/cover

Order Code	Full Product Name	Optical cover type
911401523442	ST298M Grid 8W 940 30D	Polycarbonate bowl/cover
911401523042	ST298M Spotlight 9W 930 40D	Polycarbonate micro lens optic
911401523142	ST298M Spotlight 9W 940 40D	Polycarbonate micro lens optic
911401523342	ST298M Grid 15W 930 30D	Polycarbonate bowl/cover
911401523542	ST298M Grid 15W 940 30D	Polycarbonate bowl/cover
911401524042	ST298M L Flood 8W 930	Polycarbonate micro lens optic
911401524242	ST298M L Flood 8W 940	Polycarbonate micro lens optic
911401524442	ST298M Suspension 5W 930 36D	Polycarbonate micro lens optic
911401524542	ST298M Suspension 5W 940 36D	Polycarbonate micro lens optic

