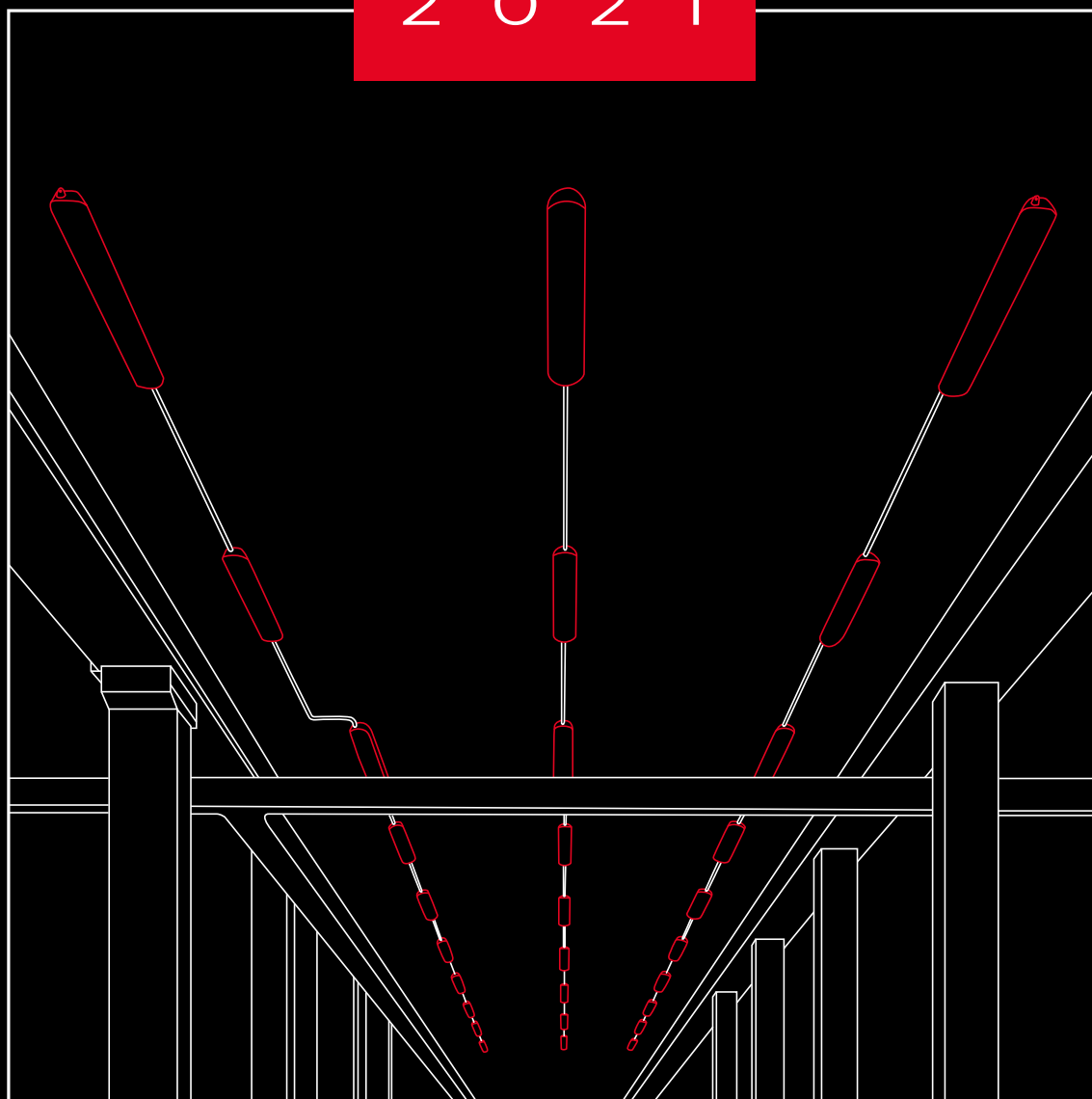


CATALOGUE
2021

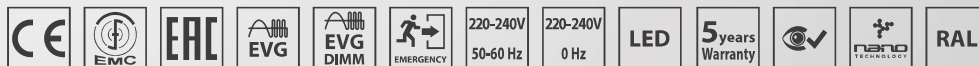


 **VYRTYCH**

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HOUND4-MAG-LED

IP 65



Application: Surface mounted lighting fixture HOUND4-MAG-LED is primarily designed for clean rooms. Thanks to frameless structure of the diffuser without screws and with clean design for easy maintenance, it is designed for clean rooms with required higher IP degree of protection, such as hospitals, laboratories.

Ballast: EP – electronic 220-240 V/50-60 Hz AC, 220-240 V DC 0Hz

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

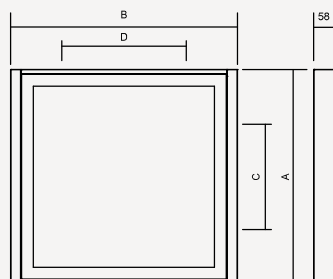
Diffuser: GLM – matt hardened safety glass

Fastening: Surface mounted on the ceiling

Connection: Screwless terminal block for easy mounting, maximum diameter of wires 2.5 mm². The lighting fixture is prepared for loop-in (possibility of connection of two cables)

Standard equipment: Rubber plug M20 for diameter of cable 7-12 mm

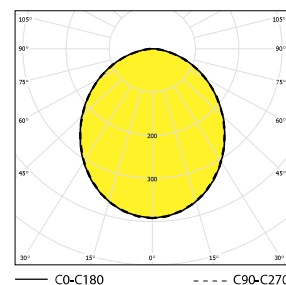
Calculated lifetime – LED modules: L80B10 ta30 – 70 000h
L70B10 ta30 – 100 000h



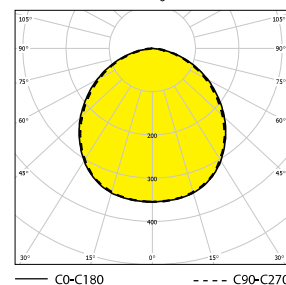
Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B (mm)	Mounting spacing C x D (mm)	Weight (kg)
4000K								
059861	HOUND4-MAG-LED-SQ-3800-4K	3787	24	158	30	595x627x58	400x400	8,8
059863	HOUND4-MAG-LED-SQ-5300-4K	4742	31	153	30	595x627x58	400x400	8,8
059865	HOUND4-MAG-LED-SQ-7300-4K	6172	39	158	30	595x627x58	400x400	8,8
059911	HOUND4-MAG-LED-2700-4K	2509	18	139	30	595x330x58	480x200	5,3
059913	HOUND4-MAG-LED-3600-4K	3275	25	131	30	595x330x58	480x200	5,3
059915	HOUND4-MAG-LED-6400-4K	5769	42	137	30	1189x330x58	1100x200	8,8
059917	HOUND4-MAG-LED-8000-4K	7315	56	131	30	1189x330x58	1100x200	8,8
3000K								
059860	HOUND4-MAG-LED-SQ-3800-3K	3650	24	152	30	595x627x58	400x400	8,8
059862	HOUND4-MAG-LED-SQ-5300-3K	4572	31	147	30	595x627x58	400x400	8,8
059864	HOUND4-MAG-LED-SQ-7300-3K	5950	39	153	30	595x627x58	400x400	8,8
059910	HOUND4-MAG-LED-2700-3K	2396	18	133	30	595x330x58	480x200	5,3
059912	HOUND4-MAG-LED-3600-3K	3135	25	125	30	595x330x58	480x200	5,3
059914	HOUND4-MAG-LED-6400-3K	5513	42	131	30	1189x330x58	1100x200	8,8
059916	HOUND4-MAG-LED-8000-3K	6987	56	125	30	1189x330x58	1100x200	8,8

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

HOUND4-MAG-LED-GLM



HOUND4-MAG-LED-SQ-GLM



Accessories on request



002021 Suction cup for glass opening HOUND4-MAG

On request

Em – non-maintained emergency lighting (1h, 3h)

MULTI – maintained emergency lighting (1h, 3h)

DIM – dimmable electronic ballast (DSI, DALI)

RAL – other colour scale

2.7K-6.5K – various colour temperatures

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

CRI - colour rendering index > 90

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
4000K							
059861	X	X	059861 1H	059861 3H	059861 DALI	X	X
059863	X	X	059863 1H	059863 3H	059863 DALI	X	X
059865	X	X	059865 1H	059865 3H	059865 DALI	X	X
059911	X	X	X	X	059911 DALI	X	X
059913	X	X	X	X	059913 DALI	X	X
059915	X	X	059915 1H	059915 3H	059915 DALI		
059917	X	X	059917 1H	059917 3H	059917 DALI		
3000K							
059860	X	X	059860 1H	059860 3H	059860 DALI	X	X
059862	X	X	059862 1H	059862 3H	059862 DALI	X	X
059864	X	X	059864 1H	059864 3H	059864 DALI	X	X
059910	X	X	X	X	059910 DALI	X	X
059912	X	X	X	X	059912 DALI	X	X
059914	X	X	059914 1H	059914 3H	059914 DALI		
059916	X	X	059916 1H	059916 3H	059916 DALI		

HOUND/3-MAG-LED

IP 65



Application: Recessed lighting fixture HOUND/3-MAG-LED is primarily designed for clean rooms. Thanks to frameless structure of the diffuser without screws and with clean design for easy maintenance, it is designed for clean rooms with required higher IP degree of protection, such as hospitals, laboratories.

Ballast: EP – electronic 220-240 V/ 50-60 Hz AC, 220-240 V DC 0Hz

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

Diffuser: GLM – matt hardened safety glass

Fastening: Mounting to ceiling modules 600 and to plasterboard by means of special set of brackets for plasterboard (not a part of the lighting fixture). Minimum height of false ceiling void is 200 mm.

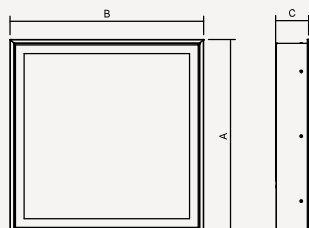
Connection: Screwless terminal block for easy mounting, maximum diameter of wires 2.5 mm². The lighting fixture is prepared for loop-in (possibility of connection of two cables)

Standard equipment: Rubber plug M20 for diameter of cable 7-12 mm

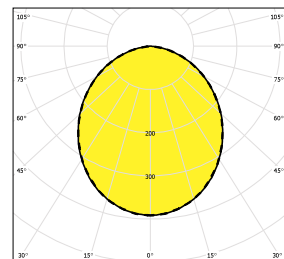
Calculated lifetime – LED modules:

L80B10 ta30 – 70 000h

L70B10 ta30 – 100 000h)

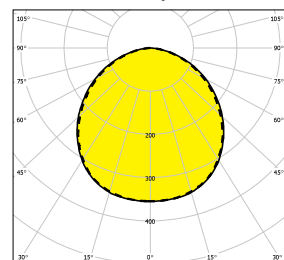


HOUND/3-MAG-LED-GLM



— C0-C180 - - - - C90-C270

HOUND/3-MAG-LED-SQ-GLM



— C0-C180 - - - - C90-C270

Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting hole (mm)	Weight (kg)
4000K								
059767	HOUND/3-MAG-LED-SQ-OP-5100-4K	4481	31	145	30	596x596x100	586x586	9
059768	HOUND/3-MAG-LED-SQ-OP-6100-4K	4929	35	141	30	596x596x100	586x586	9
059769	HOUND/3-MAG-LED-SQ-OP-7100-4K	7012	47	149	30	596x596x100	586x586	9
3000K								
059797	HOUND/3-MAG-LED-SQ-OP-5100-3K	4320	31	139	30	596x596x100	586x586	9
059798	HOUND/3-MAG-LED-SQ-OP-6100-3K	5190	37	140	30	596x596x100	586x586	9
059799	HOUND/3-MAG-LED-SQ-OP-7100-3K	6496	47	138	30	596x596x100	586x586	9

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

Accessories on request



051143 Set of brackets for plasterboard HOOVER3/HOUND3-LED



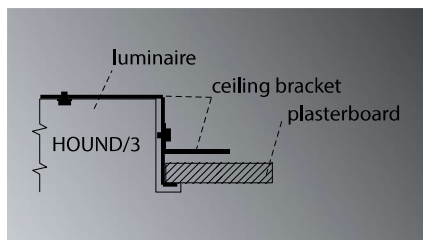
051199 Set of brackets for plasterboard HOOVER3/HOUND3-LED-SQ



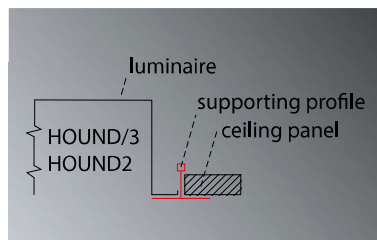
002021 Suction cup for glass opening HOUND4-MAG

Lighting fixture detail

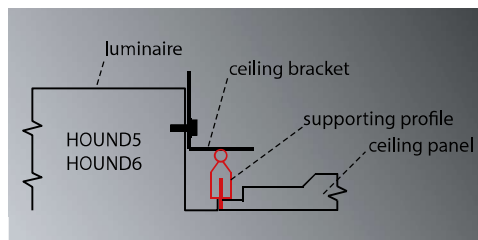
HOUND/3



HOUND/3, HOUND2



HOUND5, HOUND6



On request

Em – non-maintained emergency lighting (1h, 3h)

MULTI – maintained emergency lighting (1h, 3h)

DIM – dimmable electronic ballast (DSI, DALI)

RAL – other colour scale

2.7K-6.5K – various colour temperatures

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

GESIS – possibility to equip lighting fixtures with connectors

HOUND2 - version for false ceiling M625

HOUND5 - version for false ceiling M598

HOUND6 - version for metal ceiling M623

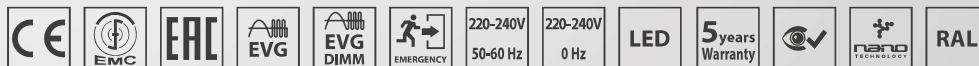
ATYP FALSE-CEILING - in case of other false-ceiling, please, contact the technical support

CRI - colour rendering index > 90

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
4000K							
059767	X	X	059767 1H	059767 3H	059767 DALI	X	X
059768	X	X	059768 1H	059768 3H	059768 DALI	X	X
059769	X	X	059769 1H	059769 3H	059769 DALI	X	X
3000K							
059797	X	X	059797 1H	059797 3H	059797 DALI	X	X
059798	X	X	059798 1H	059798 3H	059798 DALI	X	X
059799	X	X	059799 1H	059799 3H	059799 DALI	X	X

HOOVER4-LED

IP 65



Application: Surface mounted lighting fixture HOOVER4-LED is primarily designed for areas with requirement of higher IP degree of protection with easy maintenance, for clean areas, such as hospitals, laboratories, food industry. The lighting fixture design allows for easy maintenance.

Ballast: EP – electronic 220-240 V/50-60 Hz AC, 220-240 V DC 0Hz

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

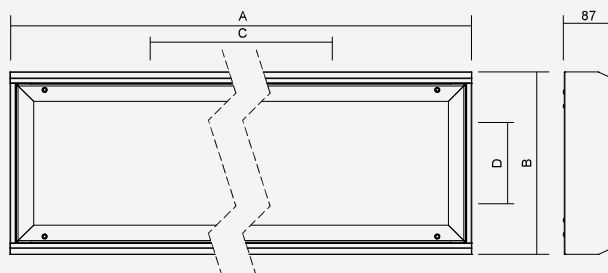
Diffuser: OP - opal plexiglass
MP – microprismatic
GLM – matt hardened safety glass

Fastening: Surface mounted on the ceiling

Connection: Screwless terminal block for easy mounting, maximum diameter of wires 2.5 mm². The lighting fixture is prepared for loop-in (possibility of connection of two cables)

Standard equipment: Rubber plug M20 for diameter of cable 7-12 mm

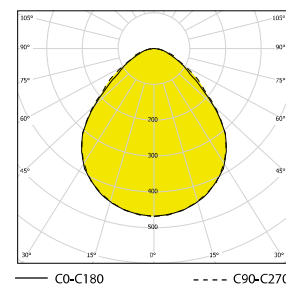
Calculated lifetime – LED modules: L80B10 ta30 – 70 000h
L70B10 ta30 – 100 000h



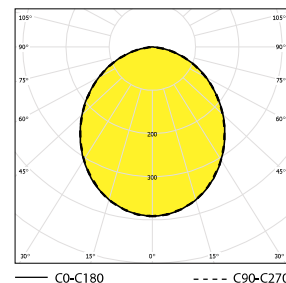
Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B (mm)	Mounting hole C x D (mm)	Weight (kg)
4000K								
057872	HOOVER4-LED-OP-5100-4K	4075	30	136	30	1090x355x85	180x900	9,1
057865	HOOVER4-LED-OP-6100-4K	4896	37	132	30	1090x355x85	180x900	9,1
057867	HOOVER4-LED-OP-7100-4K	5951	43	138	30	1090x355x85	180x900	9,1
057869	HOOVER4-LED-OP-7600-4K	6120	46	133	30	1340x355x85	180x1150	10,6
057871	HOOVER4-LED-OP-8850-4K	7439	54	138	30	1340x355x85	180x1150	10,6
057861	HOOVER4-LED-SQ-OP-6100-4K	4896	37	132	30	612x591x85	500x400	7,7
057863	HOOVER4-LED-SQ-OP-7100-4K	5303	39	136	30	612x591x85	500x400	7,7
3000K								
057873	HOOVER4-LED-OP-5100-3K	3928	30	131	30	1090x355x85	180x900	9,1
057864	HOOVER4-LED-OP-6100-3K	4720	37	128	30	1090x355x85	180x900	9,1
057866	HOOVER4-LED-OP-7100-3K	5512	43	128	30	1090x355x85	180x900	9,1
057868	HOOVER4-LED-OP-7600-3K	5900	46	128	30	1340x355x85	180x1150	10,6
057870	HOOVER4-LED-OP-8850-3K	6890	54	128	30	1340x355x85	180x1150	10,6
057860	HOOVER4-LED-SQ-OP-6100-3K	4720	37	128	30	612x591x85	500x400	7,7
057862	HOOVER4-LED-SQ-OP-7100-3K	5113	39	131	30	612x591x85	500x400	7,7

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

HOOVER4-LED-MP



HOOVER4-LED-OP



On request

Em – non-maintained emergency lighting (1h, 3h)

MULTI – maintained emergency lighting (1h, 3h)

DIM – dimmable electronic ballast (DSI, DALI)

RAL – other colour scale

2.7K-6.5K – various colour temperatures

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

CRI – colour rendering index > 90

Stadard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
4000K							
057872	X	X	057872 1H	057872 3H	057872 DALI	X	X
057865	X	X	057865 1H	057865 3H	057865 DALI	X	X
057867	X	X	057867 1H	057867 3H	057867 DALI	X	X
057869	X	X	057869 1H	057869 3H	057869 DALI	X	X
057871	X	X	057871 1H	057871 3H	057871 DALI	X	X
057861	X	X	057861 1H	057861 3H	057861 DALI	X	X
057863	X	X	057863 1H	057863 3H	057863 DALI	X	X
3000K							
057873	X	X	057873 1H	057873 3H	057873 DALI	X	X
057864	X	X	057864 1H	057864 3H	057864 DALI	X	X
057866	X	X	057866 1H	057866 3H	057866 DALI	X	X
057868	X	X	057868 1H	057868 3H	057868 DALI	X	X
057870	X	X	057870 1H	057870 3H	057870 DALI	X	X
057860	X	X	057860 1H	057860 3H	057860 DALI	X	X
057862	X	X	057862 1H	057862 3H	057862 DALI	X	X

HOOVER/3-LED

IP 65



Application: Recessed lighting fixture HOOVER3-LED is primarily designed for areas with requirement of higher IP degree of protection with easy maintenance, for clean areas, such as hospitals, laboratories, food industry.

Ballast: EP – electronic 220-240 V/ 50-60 Hz AC, 220-240 V DC 0Hz

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

Diffuser: OP - opal plexiglass
MP – micropismatic

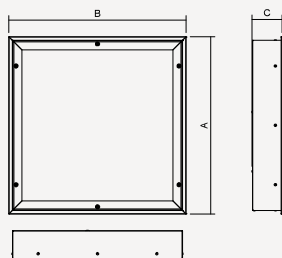
GLM – matt hardened safety glass

Fastening: Mounting to ceiling modules 600 and to plasterboard by means of special set of brackets for plasterboard (not a part of the lighting fixture). Minimum height of false ceiling void is 200 mm.

Connection: Screwless terminal block for easy mounting, maximum diameter of wires 2.5 mm². The lighting fixture is prepared for loop-in (possibility of connection of two cables)

Standard equipment: Rubber plug M20 for diameter of cable 7-12 mm

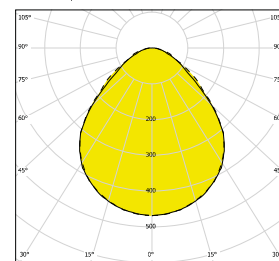
Calculated lifetime – LED modules: L80B10 ta30 – 70 000h, L70B10 ta30 – 100 000h



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting hole A x B (mm)	Weight (kg)
4000K								
057813	HOOVER/3-LED-OP-5100-4K	4777	36	133	30	1196x296x100	1186x286	8,8
057805	HOOVER/3-LED-OP-6100-4K	5492	42	131	30	1196x296x100	1186x287	8,8
057807	HOOVER/3-LED-OP-7100-4K	6236	49	127	30	1196x296x100	1186x288	8,8
057809	HOOVER/3-LED-OP-7600-4K	5972	45	133	30	1496x296x100	1486x286	10
057811	HOOVER/3-LED-OP-8850-4K	7267	57	127	30	1496x296x100	1486x286	10
057812	HOOVER/3-LED-SQ-OP-5100-4K	4514	31	146	30	596x596x100	586x586	9
057801	HOOVER/3-LED-SQ-OP-6100-4K	4966	35	142	30	596x596x100	586x586	9
057803	HOOVER/3-LED-SQ-OP-7100-4K	7064	47	150	30	596x596x100	586x586	9
3000K								
057890	HOOVER/3-LED-OP-5100-3K	4563	36	127	30	1196x296x100	1186x286	8,8
057891	HOOVER/3-LED-OP-6100-3K	5248	42	125	30	1196x296x100	1186x287	8,8
057892	HOOVER/3-LED-OP-7100-3K	5969	49	122	30	1196x296x100	1186x288	8,8
057893	HOOVER/3-LED-OP-7600-3K	5704	45	127	30	1496x296x100	1486x286	10
057894	HOOVER/3-LED-OP-8850-3K	6942	57	122	30	1496x296x100	1486x286	10
057895	HOOVER/3-LED-SQ-OP-5100-3K	4352	31	140	30	596x596x100	586x586	9
057896	HOOVER/3-LED-SQ-OP-6100-3K	5229	37	141	30	596x596x100	586x586	9
057897	HOOVER/3-LED-SQ-OP-7100-3K	6544	47	139	30	596x596x100	586x586	9

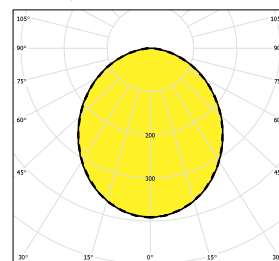
Tolerance of luminous flux and power input of the lighting fixture +/- 10%

HOOVER/3-LED-MP



— C0-C180 - - - C90-C270

HOOVER/3-LED-OP



— C0-C180 - - - C90-C270

Accessories on request



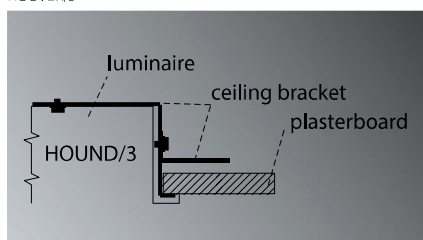
051143 Set of brackets for plasterboard HOOVER3/HOUND3-LED



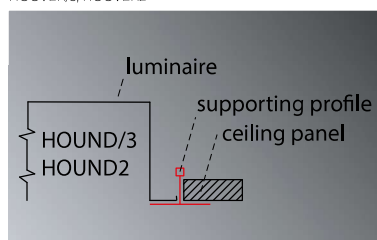
051199 Set of brackets for plasterboard HOOVER3/HOUND3-LED-SQ

Lighting fixture detail

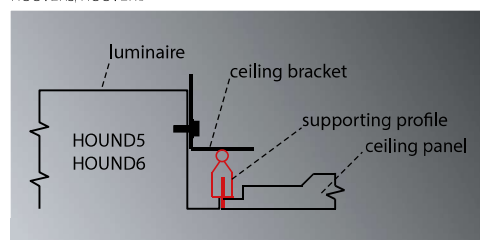
HOOVER/3



HOOVER/3, HOOVER2



HOOVER5, HOOVER6



On request

Em – non-maintained emergency lighting (1h, 3h)

MULTI – maintained emergency lighting (1h, 3h)

DIM – dimmable electronic ballast (DSI, DALI)

RAL – other colour scale

2.7K-6.5K – various colour temperatures

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

GESIS – possibility to equip lighting fixtures with connectors

HOOVER2 - waffle false ceiling M625

HOOVER5 - metal false-ceiling M598

HOOVER6 - metal false-ceiling M623

ATYP FALSE-CEILING - in case of other false-ceiling, please, contact the technical support

CRI - colour rendering index > 90

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
4000K							
057813	X	X	057813 1H	057813 3H	057813 DALI	X	X
057805	X	X	057805 1H	057805 3H	057805 DALI	X	X
057807	X	X	057807 1H	057807 3H	057807 DALI	X	X
057809	X	X	057809 1H	057809 3H	057809 DALI	X	X
057811	X	X	057811 1H	057811 3H	057811 DALI	X	X
057812	X	X	057812 1H	057812 3H	057812 DALI	X	X
057801	X	X	057801 1H	057801 3H	057801 DALI	X	X
057803	X	X	057803 1H	057803 3H	057803 DALI	X	X
3000K							
057890	X	X	057890 1H	057890 3H	057890 DALI	X	X
057891	X	X	057891 1H	057891 3H	057891 DALI	X	X
057892	X	X	057892 1H	057892 3H	057892 DALI	X	X
057893	X	X	057893 1H	057893 3H	057893 DALI	X	X
057894	X	X	057894 1H	057894 3H	057894 DALI	X	X
057895	X	X	057895 1H	057895 3H	057895 DALI	X	X
057896	X	X	057896 1H	057896 3H	057896 DALI	X	X
057897	X	X	057897 1H	057897 3H	057897 DALI	X	X