LUMITECH
YOUR LIGHTING SOLUTION



SENSE LINE: Horizontal Lighting (IP66)

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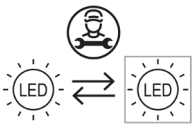
LUMITECH DATASHEET - SENSE LINE: Horizontal Lighting (IP66)

PRODUCT DESCRIPTION

- Highly efficient lighting
- Ready-to-connect solution with the „Cinch" cabling system
- One continuous luminaire (without interruptions) for each offered length
- Highly effective performance due to directional lighting and integrated heat dissipation
- Excellent product illumination with a combination of SMD LEDs and innovative optics
- Safe-use operation due safety extra-low voltage (SELV)
- Simple installation with specific fixing clips (available on request)
- Heat sink profile made of extruded LowCarbon Aluminium
- Linear lenses made of Polycarbonate (GWT up to 850°C)
- Endcaps made of PC
- Dimming capability

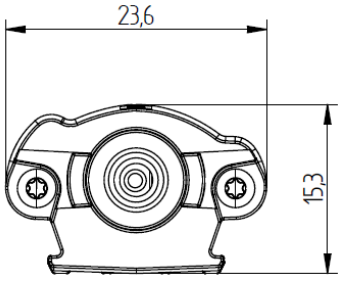
TECHNICAL DATA

Supply voltage	24 VDC
Ambient temperature ta	-30 ... +30 °C
Max. surface temperature on profile tc	60 °C
Type of protection	IP66 - requires protection plug (see Cinch datasheet)
Protection class	III
Risk group (EN 62471:2008)	0

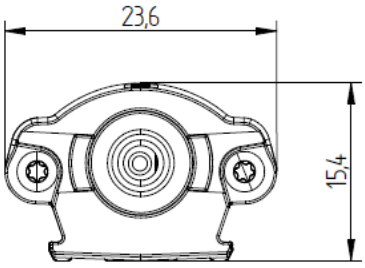


DIMENSIONS

CANOPY LIGHTING (ASC)



SHELF & COUNTER LIGHTING (COS)



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LUMITECH DATASHEET - SENSE LINE: Horizontal Lighting (IP66)

TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
Canopy Lighting								
tbd.	LUMI SENSE 607mm 965 24V/60mA/5,8W ASC G1	607mm	6500K	7	177	1020	5,8	90
tbd.	LUMI SENSE 607mm 957 24V/60mA/5,8W ASC G1	607mm	5700K	7	175	1010	5,8	90
tbd.	LUMI SENSE 607mm 950 24V/60mA/5,8W ASC G1	607mm	5000K	7	175	1010	5,8	90
tbd.	LUMI SENSE 607mm 940 24V/60mA/5,8W ASC G1	607mm	4000K	7	177	1020	5,8	90
tbd.	LUMI SENSE 607mm 930 24V/60mA/5,8W ASC G1	607mm	3000K	7	177	1020	5,8	90
tbd.	LUMI SENSE 607mm 927 24V/60mA/5,8W ASC G0	607mm	2700K	7	146	840	5,8	89
tbd.	LUMI SENSE 607mm 924 24V/60mA/5,8W ASC G0	607mm	2400K	7	135	780	5,8	91
tbd.	LUMI SENSE 607mm NM 24V/60mA/5,8W ASC G0	607mm	Natural Meat	7	151	870	5,8	80
tbd.	LUMI SENSE 607mm PM 24V/60mA/5,8W ASC G0	607mm	Packed Meat	7	128	740	5,8	89
tbd.	LUMI SENSE 887mm 965 24V/60mA/8,6W ASC G1	887mm	6500K	5	176	1520	8,6	90
tbd.	LUMI SENSE 887mm 957 24V/60mA/8,6W ASC G1	887mm	5700K	5	176	1520	8,6	90
tbd.	LUMI SENSE 887mm 950 24V/60mA/8,6W ASC G1	887mm	5000K	5	176	1520	8,6	90
91540068	LUMI SENSE 887mm 940 24V/60mA/8,6W ASC G1	887mm	4000K	5	176	1520	8,6	90
91540289	LUMI SENSE 887mm 930 24V/60mA/8,6W ASC G1	887mm	3000K	5	176	1520	8,6	90
tbd.	LUMI SENSE 887mm 927 24V/60mA/8,6W ASC G0	887mm	2700K	5	146	1260	8,6	89
tbd.	LUMI SENSE 887mm 924 24V/60mA/8,6W ASC G0	887mm	2400K	5	137	1180	8,6	91
tbd.	LUMI SENSE 887mm NM 24V/60mA/8,6W ASC G0	887mm	Natural Meat	5	150	1300	8,6	80
91540069	LUMI SENSE 887mm PM 24V/60mA/8,6W ASC G0	887mm	Packed Meat	5	128	1110	8,6	89
tbd.	LUMI SENSE 1167mm 965 24V/60mA/11,5W ASC G1	1167mm	6500K	3	176	2030	11,5	90
tbd.	LUMI SENSE 1167mm 957 24V/60mA/11,5W ASC G1	1167mm	5700K	3	175	2020	11,5	90
tbd.	LUMI SENSE 1167mm 950 24V/60mA/11,5W ASC G1	1167mm	5000K	3	175	2020	11,5	90
91540087	LUMI SENSE 1167mm 940 24V/60mA/11,5W ASC G1	1167mm	4000K	3	176	2030	11,5	90
91540197	LUMI SENSE 1167mm 930 24V/60mA/11,5W ASC G1	1167mm	3000K	3	176	2030	11,5	90
tbd.	LUMI SENSE 1167mm 927 24V/60mA/11,5W ASC G0	1167mm	2700K	3	146	1680	11,5	89
tbd.	LUMI SENSE 1167mm 924 24V/60mA/11,5W ASC G0	1167mm	2400K	3	136	1570	11,5	91
91540266	LUMI SENSE 1167mm NM 24V/60mA/11,5W ASC G0	1167mm	Natural Meat	3	151	1740	11,5	80
91540070	LUMI SENSE 1167mm PM 24V/60mA/11,5W ASC G0	1167mm	Packed Meat	3	128	1480	11,5	89
tbd.	LUMI SENSE 1447mm 965 24V/60mA/14,4W ASC G1	1447mm	6500K	3	176	2540	14,4	90
tbd.	LUMI SENSE 1447mm 957 24V/60mA/14,4W ASC G1	1447mm	5700K	3	176	2530	14,4	90
tbd.	LUMI SENSE 1447mm 950 24V/60mA/14,4W ASC G1	1447mm	5000K	3	176	2530	14,4	90
tbd.	LUMI SENSE 1447mm 940 24V/60mA/14,4W ASC G1	1447mm	4000K	3	176	2540	14,4	90
tbd.	LUMI SENSE 1447mm 930 24V/60mA/14,4W ASC G1	1447mm	3000K	3	176	2540	14,4	90
tbd.	LUMI SENSE 1447mm 927 24V/60mA/14,4W ASC G0	1447mm	2700K	3	147	2110	14,4	89
tbd.	LUMI SENSE 1447mm 924 24V/60mA/14,4W ASC G0	1447mm	2400K	3	136	1960	14,4	91
tbd.	LUMI SENSE 1447mm NM 24V/60mA/14,4W ASC G0	1447mm	Natural Meat	3	151	2170	14,4	80
91540071	LUMI SENSE 1447mm PM 24V/60mA/14,4W ASC G0	1447mm	Packed Meat	3	128	1850	14,4	89
tbd.	LUMI SENSE 1727mm 965 24V/60mA/17,3W ASC G1	1727mm	6500K	2	177	3050	17,3	90
tbd.	LUMI SENSE 1727mm 957 24V/60mA/17,3W ASC G1	1727mm	5700K	2	175	3030	17,3	90
tbd.	LUMI SENSE 1727mm 950 24V/60mA/17,3W ASC G1	1727mm	5000K	2	175	3030	17,3	90
tbd.	LUMI SENSE 1727mm 940 24V/60mA/17,3W ASC G1	1727mm	4000K	2	177	3050	17,3	90
tbd.	LUMI SENSE 1727mm 930 24V/60mA/17,3W ASC G1	1727mm	3000K	2	177	3050	17,3	90
tbd.	LUMI SENSE 1727mm 927 24V/60mA/17,3W ASC G0	1727mm	2700K	2	146	2530	17,3	89
tbd.	LUMI SENSE 1727mm 924 24V/60mA/17,3W ASC G0	1727mm	2400K	2	136	2350	17,3	91
tbd.	LUMI SENSE 1727mm NM 24V/60mA/17,3W ASC G0	1727mm	Natural Meat	2	150	2600	17,3	80
tbd.	LUMI SENSE 1727mm PM 24V/60mA/17,3W ASC G0	1727mm	Packed Meat	2	128	2210	17,3	89

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TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
Canopy for combination with Shelf, or Door								
tbd.	LUMI SENSE 607mm 965 24V/33mA/3,2W ASC G1	607mm	6500K	9	177	560	3,2	90
tbd.	LUMI SENSE 607mm 957 24V/33mA/3,2W ASC G1	607mm	5700K	9	177	560	3,2	90
tbd.	LUMI SENSE 607mm 950 24V/33mA/3,2W ASC G1	607mm	5000K	9	177	560	3,2	90
tbd.	LUMI SENSE 607mm 940 24V/33mA/3,2W ASC G1	607mm	4000K	9	177	560	3,2	90
tbd.	LUMI SENSE 607mm 930 24V/33mA/3,2W ASC G1	607mm	3000K	9	177	560	3,2	90
tbd.	LUMI SENSE 607mm 927 24V/33mA/3,2W ASC G0	607mm	2700K	9	149	470	3,2	89
tbd.	LUMI SENSE 607mm 924 24V/33mA/3,2W ASC G0	607mm	2400K	9	139	440	3,2	91
tbd.	LUMI SENSE 607mm NM 24V/33mA/3,2W ASC G0	607mm	Natural Meat	9	155	490	3,2	80
tbd.	LUMI SENSE 607mm PM 24V/33mA/3,2W ASC G0	607mm	Packed Meat	9	133	420	3,2	89
tbd.	LUMI SENSE 887mm 965 24V/33mA/4,7W ASC G1	887mm	6500K	6	177	840	4,7	90
tbd.	LUMI SENSE 887mm 957 24V/33mA/4,7W ASC G1	887mm	5700K	6	177	840	4,7	90
tbd.	LUMI SENSE 887mm 950 24V/33mA/4,7W ASC G1	887mm	5000K	6	177	840	4,7	90
91540212	LUMI SENSE 887mm 940 24V/33mA/4,7W ASC G1	887mm	4000K	6	177	840	4,7	90
tbd.	LUMI SENSE 887mm 930 24V/33mA/4,7W ASC G1	887mm	3000K	6	177	840	4,7	90
tbd.	LUMI SENSE 887mm 927 24V/33mA/4,7W ASC G0	887mm	2700K	6	150	710	4,7	89
tbd.	LUMI SENSE 887mm 924 24V/33mA/4,7W ASC G0	887mm	2400K	6	139	660	4,7	91
tbd.	LUMI SENSE 887mm NM 24V/33mA/4,7W ASC G0	887mm	Natural Meat	6	154	730	4,7	80
91540219	LUMI SENSE 887mm PM 24V/33mA/4,7W ASC G0	887mm	Packed Meat	6	133	630	4,7	89
tbd.	LUMI SENSE 1167mm 965 24V/33mA/6,3W ASC G1	1167mm	6500K	4	177	1120	6,3	90
tbd.	LUMI SENSE 1167mm 957 24V/33mA/6,3W ASC G1	1167mm	5700K	4	177	1120	6,3	90
tbd.	LUMI SENSE 1167mm 950 24V/33mA/6,3W ASC G1	1167mm	5000K	4	177	1120	6,3	90
91540264	LUMI SENSE 1167mm 940 24V/33mA/6,3W ASC G1	1167mm	4000K	4	177	1120	6,3	90
tbd.	LUMI SENSE 1167mm 930 24V/33mA/6,3W ASC G1	1167mm	3000K	4	177	1120	6,3	90
tbd.	LUMI SENSE 1167mm 927 24V/33mA/6,3W ASC G0	1167mm	2700K	4	149	940	6,3	89
tbd.	LUMI SENSE 1167mm 924 24V/33mA/6,3W ASC G0	1167mm	2400K	4	141	890	6,3	91
tbd.	LUMI SENSE 1167mm NM 24V/33mA/6,3W ASC G0	1167mm	Natural Meat	4	155	980	6,3	80
91540221	LUMI SENSE 1167mm PM 24V/33mA/6,3W ASC G0	1167mm	Packed Meat	4	133	840	6,3	89
tbd.	LUMI SENSE 1447mm 965 24V/33mA/7,9W ASC G1	1447mm	6500K	3	177	1400	7,9	90
tbd.	LUMI SENSE 1447mm 957 24V/33mA/7,9W ASC G1	1447mm	5700K	3	177	1400	7,9	90
tbd.	LUMI SENSE 1447mm 950 24V/33mA/7,9W ASC G1	1447mm	5000K	3	177	1400	7,9	90
tbd.	LUMI SENSE 1447mm 940 24V/33mA/7,9W ASC G1	1447mm	4000K	3	177	1400	7,9	90
tbd.	LUMI SENSE 1447mm 930 24V/33mA/7,9W ASC G1	1447mm	3000K	3	177	1400	7,9	90
tbd.	LUMI SENSE 1447mm 927 24V/33mA/7,9W ASC G0	1447mm	2700K	3	149	1180	7,9	89
tbd.	LUMI SENSE 1447mm 924 24V/33mA/7,9W ASC G0	1447mm	2400K	3	141	1110	7,9	91
tbd.	LUMI SENSE 1447mm NM 24V/33mA/7,9W ASC G0	1447mm	Natural Meat	3	154	1220	7,9	80
91540242	LUMI SENSE 1447mm PM 24V/33mA/7,9W ASC G0	1447mm	Packed Meat	3	132	1040	7,9	89
tbd.	LUMI SENSE 1727mm 965 24V/33mA/9,5W ASC G1	1727mm	6500K	3	176	1670	9,5	90
tbd.	LUMI SENSE 1727mm 957 24V/33mA/9,5W ASC G1	1727mm	5700K	3	176	1670	9,5	90
tbd.	LUMI SENSE 1727mm 950 24V/33mA/9,5W ASC G1	1727mm	5000K	3	176	1670	9,5	90
tbd.	LUMI SENSE 1727mm 940 24V/33mA/9,5W ASC G1	1727mm	4000K	3	176	1670	9,5	90
tbd.	LUMI SENSE 1727mm 930 24V/33mA/9,5W ASC G1	1727mm	3000K	3	177	1680	9,5	90
tbd.	LUMI SENSE 1727mm 927 24V/33mA/9,5W ASC G0	1727mm	2700K	3	149	1410	9,5	89
tbd.	LUMI SENSE 1727mm 924 24V/33mA/9,5W ASC G0	1727mm	2400K	3	140	1330	9,5	91
tbd.	LUMI SENSE 1727mm NM 24V/33mA/9,5W ASC G0	1727mm	Natural Meat	3	155	1470	9,5	80
91540223	LUMI SENSE 1727mm PM 24V/33mA/9,5W ASC G0	1727mm	Packed Meat	3	132	1250	9,5	89

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TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
Shelf Lighting								
tbd.	LUMI SENSE 607mm 965 24V/25mA/2,4W COS G1	607mm	6500K	10	179	430	2,4	90
tbd.	LUMI SENSE 607mm 957 24V/25mA/2,4W COS G1	607mm	5700K	10	179	430	2,4	90
tbd.	LUMI SENSE 607mm 950 24V/25mA/2,4W COS G1	607mm	5000K	10	179	430	2,4	90
tbd.	LUMI SENSE 607mm 940 24V/25mA/2,4W COS G1	607mm	4000K	10	179	430	2,4	90
tbd.	LUMI SENSE 607mm 930 24V/25mA/2,4W COS G1	607mm	3000K	10	179	430	2,4	90
tbd.	LUMI SENSE 607mm 927 24V/25mA/2,4W COS G0	607mm	2700K	10	150	360	2,4	89
tbd.	LUMI SENSE 607mm 924 24V/25mA/2,4W COS G0	607mm	2400K	10	142	340	2,4	91
tbd.	LUMI SENSE 607mm NM 24V/25mA/2,4W COS G0	607mm	Natural Meat	10	158	380	2,4	80
tbd.	LUMI SENSE 607mm PM 24V/25mA/2,4W COS G0	607mm	Packed Meat	10	133	320	2,4	89
tbd.	LUMI SENSE 887mm 965 24V/25mA/3,6W COS G1	887mm	6500K	6	178	640	3,6	90
91540290	LUMI SENSE 887mm 957 24V/25mA/3,6W COS G1	887mm	5700K	6	178	640	3,6	90
tbd.	LUMI SENSE 887mm 950 24V/25mA/3,6W COS G1	887mm	5000K	6	178	640	3,6	90
91540072	LUMI SENSE 887mm 940 24V/25mA/3,6W COS G1	887mm	4000K	6	178	640	3,6	90
tbd.	LUMI SENSE 887mm 930 24V/25mA/3,6W COS G1	887mm	3000K	6	178	640	3,6	90
tbd.	LUMI SENSE 887mm 927 24V/25mA/3,6W COS G0	887mm	2700K	6	153	550	3,6	89
tbd.	LUMI SENSE 887mm 924 24V/25mA/3,6W COS G0	887mm	2400K	6	142	510	3,6	91
91540306	LUMI SENSE 887mm NM 24V/25mA/3,6W COS G0	887mm	Natural Meat	6	158	570	3,6	80
91540073	LUMI SENSE 887mm PM 24V/25mA/3,6W COS G0	887mm	Packed Meat	6	136	490	3,6	89
tbd.	LUMI SENSE 1167mm 965 24V/25mA/4,8W COS G1	1167mm	6500K	5	177	850	4,8	90
91540213	LUMI SENSE 1167mm 957 24V/25mA/4,8W COS G1	1167mm	5700K	5	177	850	4,8	90
91540283	LUMI SENSE 1167mm 950 24V/25mA/4,8W COS G1	1167mm	5000K	5	177	850	4,8	90
91540007	LUMI SENSE 1167mm 940 24V/25mA/4,8W COS G1	1167mm	4000K	5	177	850	4,8	90
91540246	LUMI SENSE 1167mm 930 24V/25mA/4,8W COS G1	1167mm	3000K	5	179	860	4,8	90
91540245	LUMI SENSE 1167mm 927 24V/25mA/4,8W COS G0	1167mm	2700K	5	152	730	4,8	89
tbd.	LUMI SENSE 1167mm 924 24V/25mA/4,8W COS G0	1167mm	2400K	5	142	680	4,8	91
tbd.	LUMI SENSE 1167mm NM 24V/25mA/4,8W COS G0	1167mm	Natural Meat	5	158	760	4,8	80
91540001	LUMI SENSE 1167mm PM 24V/25mA/4,8W COS G0	1167mm	Packed Meat	5	135	650	4,8	89
tbd.	LUMI SENSE 1447mm 965 24V/25mA/6,0W COS G1	1447mm	6500K	4	177	1060	6,0	90
tbd.	LUMI SENSE 1447mm 957 24V/25mA/6,0W COS G1	1447mm	5700K	4	177	1060	6,0	90
tbd.	LUMI SENSE 1447mm 950 24V/25mA/6,0W COS G1	1447mm	5000K	4	177	1060	6,0	90
tbd.	LUMI SENSE 1447mm 940 24V/25mA/6,0W COS G1	1447mm	4000K	4	177	1060	6,0	90
tbd.	LUMI SENSE 1447mm 930 24V/25mA/6,0W COS G1	1447mm	3000K	4	178	1070	6,0	90
tbd.	LUMI SENSE 1447mm 927 24V/25mA/6,0W COS G0	1447mm	2700K	4	152	910	6,0	89
tbd.	LUMI SENSE 1447mm 924 24V/25mA/6,0W COS G0	1447mm	2400K	4	143	860	6,0	91
tbd.	LUMI SENSE 1447mm NM 24V/25mA/6,0W COS G0	1447mm	Natural Meat	4	158	950	6,0	80
91540074	LUMI SENSE 1447mm PM 24V/25mA/6,0W COS G0	1447mm	Packed Meat	4	135	810	6,0	89
tbd.	LUMI SENSE 1727mm 965 24V/25mA/7,2W COS G1	1727mm	6500K	3	178	1280	7,2	90
tbd.	LUMI SENSE 1727mm 957 24V/25mA/7,2W COS G1	1727mm	5700K	3	178	1280	7,2	90
tbd.	LUMI SENSE 1727mm 950 24V/25mA/7,2W COS G1	1727mm	5000K	3	178	1280	7,2	90
tbd.	LUMI SENSE 1727mm 940 24V/25mA/7,2W COS G1	1727mm	4000K	3	178	1280	7,2	90
tbd.	LUMI SENSE 1727mm 930 24V/25mA/7,2W COS G1	1727mm	3000K	3	179	1290	7,2	90
tbd.	LUMI SENSE 1727mm 927 24V/25mA/7,2W COS G0	1727mm	2700K	3	151	1090	7,2	89
tbd.	LUMI SENSE 1727mm 924 24V/25mA/7,2W COS G0	1727mm	2400K	3	143	1030	7,2	91
tbd.	LUMI SENSE 1727mm NM 24V/25mA/7,2W COS G0	1727mm	Natural Meat	3	158	1140	7,2	80
tbd.	LUMI SENSE 1727mm PM 24V/25mA/7,2W COS G0	1727mm	Packed Meat	3	135	970	7,2	89

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TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
Counter Lighting								
tbd.	LUMI SENSE 187mm 965 24V/60mA/1,4W COS G1	187mm	6500K	30	181	260	1,4	90
tbd.	LUMI SENSE 187mm 957 24V/60mA/1,4W COS G1	187mm	5700K	30	181	260	1,4	90
tbd.	LUMI SENSE 187mm 950 24V/60mA/1,4W COS G1	187mm	5000K	30	181	260	1,4	90
tbd.	LUMI SENSE 187mm 940 24V/60mA/1,4W COS G1	187mm	4000K	30	181	260	1,4	90
tbd.	LUMI SENSE 187mm 930 24V/60mA/1,4W COS G1	187mm	3000K	30	181	260	1,4	90
91540164	LUMI SENSE 187mm 927 24V/60mA/1,4W COS G0	187mm	2700K	30	146	210	1,4	89
tbd.	LUMI SENSE 187mm 924 24V/60mA/1,4W COS G0	187mm	2400K	30	139	200	1,4	91
tbd.	LUMI SENSE 187mm NM 24V/60mA/1,4W COS G0	187mm	Natural Meat	30	153	220	1,4	80
tbd.	LUMI SENSE 187mm PM 24V/60mA/1,4W COS G0	187mm	Packed Meat	30	132	190	1,4	89
tbd.	LUMI SENSE 327mm 965 24V/60mA/2,9W COS G1	327mm	6500K	15	177	510	2,9	90
tbd.	LUMI SENSE 327mm 957 24V/60mA/2,9W COS G1	327mm	5700K	15	177	510	2,9	90
tbd.	LUMI SENSE 327mm 950 24V/60mA/2,9W COS G1	327mm	5000K	15	177	510	2,9	90
tbd.	LUMI SENSE 327mm 940 24V/60mA/2,9W COS G1	327mm	4000K	15	177	510	2,9	90
tbd.	LUMI SENSE 327mm 930 24V/60mA/2,9W COS G1	327mm	3000K	15	177	510	2,9	90
tbd.	LUMI SENSE 327mm 927 24V/60mA/2,9W COS G0	327mm	2700K	15	149	430	2,9	89
tbd.	LUMI SENSE 327mm 924 24V/60mA/2,9W COS G0	327mm	2400K	15	139	400	2,9	91
tbd.	LUMI SENSE 327mm NM 24V/60mA/2,9W COS G0	327mm	Natural Meat	15	153	440	2,9	80
tbd.	LUMI SENSE 327mm PM 24V/60mA/2,9W COS G0	327mm	Packed Meat	15	128	370	2,9	89
tbd.	LUMI SENSE 467mm 965 24V/60mA/4,3W COS G1	467mm	6500K	10	178	770	4,3	90
tbd.	LUMI SENSE 467mm 957 24V/60mA/4,3W COS G1	467mm	5700K	10	178	770	4,3	90
tbd.	LUMI SENSE 467mm 950 24V/60mA/4,3W COS G1	467mm	5000K	10	178	770	4,3	90
tbd.	LUMI SENSE 467mm 940 24V/60mA/4,3W COS G1	467mm	4000K	10	178	770	4,3	90
tbd.	LUMI SENSE 467mm 930 24V/60mA/4,3W COS G1	467mm	3000K	10	178	770	4,3	90
tbd.	LUMI SENSE 467mm 927 24V/60mA/4,3W COS G0	467mm	2700K	10	148	640	4,3	89
tbd.	LUMI SENSE 467mm 924 24V/60mA/4,3W COS G0	467mm	2400K	10	139	600	4,3	91
tbd.	LUMI SENSE 467mm NM 24V/60mA/4,3W COS G0	467mm	Natural Meat	10	153	660	4,3	80
tbd.	LUMI SENSE 467mm PM 24V/60mA/4,3W COS G0	467mm	Packed Meat	10	130	560	4,3	89
tbd.	LUMI SENSE 607mm 965 24V/60mA/5,8W COS G1	607mm	6500K	7	179	1030	5,8	90
tbd.	LUMI SENSE 607mm 957 24V/60mA/5,8W COS G1	607mm	5700K	7	177	1020	5,8	90
tbd.	LUMI SENSE 607mm 950 24V/60mA/5,8W COS G1	607mm	5000K	7	177	1020	5,8	90
tbd.	LUMI SENSE 607mm 940 24V/60mA/5,8W COS G1	607mm	4000K	7	179	1030	5,8	90
tbd.	LUMI SENSE 607mm 930 24V/60mA/5,8W COS G1	607mm	3000K	7	179	1030	5,8	90
tbd.	LUMI SENSE 607mm 927 24V/60mA/5,8W COS G0	607mm	2700K	7	148	850	5,8	89
tbd.	LUMI SENSE 607mm 924 24V/60mA/5,8W COS G0	607mm	2400K	7	137	790	5,8	91
tbd.	LUMI SENSE 607mm NM 24V/60mA/5,8W COS G0	607mm	Natural Meat	7	153	880	5,8	80
tbd.	LUMI SENSE 607mm PM 24V/60mA/5,8W COS G0	607mm	Packed Meat	7	130	750	5,8	89
tbd.	LUMI SENSE 747mm 965 24V/60mA/7,2W COS G1	747mm	6500K	6	178	1280	7,2	90
tbd.	LUMI SENSE 747mm 957 24V/60mA/7,2W COS G1	747mm	5700K	6	178	1280	7,2	90
tbd.	LUMI SENSE 747mm 950 24V/60mA/7,2W COS G1	747mm	5000K	6	178	1280	7,2	90
tbd.	LUMI SENSE 747mm 940 24V/60mA/7,2W COS G1	747mm	4000K	6	178	1280	7,2	90
tbd.	LUMI SENSE 747mm 930 24V/60mA/7,2W COS G1	747mm	3000K	6	178	1280	7,2	90
tbd.	LUMI SENSE 747mm 927 24V/60mA/7,2W COS G0	747mm	2700K	6	147	1060	7,2	89
tbd.	LUMI SENSE 747mm 924 24V/60mA/7,2W COS G0	747mm	2400K	6	138	990	7,2	91
tbd.	LUMI SENSE 747mm NM 24V/60mA/7,2W COS G0	747mm	Natural Meat	6	153	1100	7,2	80
tbd.	LUMI SENSE 747mm PM 24V/60mA/7,2W COS G0	747mm	Packed Meat	6	129	930	7,2	89

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LUMITECH DATASHEET - SENSE LINE: Horizontal Lighting (IP66)

TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
tbd.	LUMI SENSE 887mm 965 24V/60mA/8,6W COS G1	887mm	6500K	5	178	1540	8,6	90
91540049	LUMI SENSE 887mm 957 24V/60mA/8,6W COS G1	887mm	5700K	5	177	1530	8,6	90
tbd.	LUMI SENSE 887mm 950 24V/60mA/8,6W COS G1	887mm	5000K	5	177	1530	8,6	90
91540051	LUMI SENSE 887mm 940 24V/60mA/8,6W COS G1	887mm	4000K	5	178	1540	8,6	90
91540053	LUMI SENSE 887mm 930 24V/60mA/8,6W COS G1	887mm	3000K	5	178	1540	8,6	90
tbd.	LUMI SENSE 887mm 927 24V/60mA/8,6W COS G0	887mm	2700K	5	148	1280	8,6	89
91540190	LUMI SENSE 887mm 924 24V/60mA/8,6W COS G0	887mm	2400K	5	138	1190	8,6	91
91540055	LUMI SENSE 887mm NM 24V/60mA/8,6W COS G0	887mm	Natural Meat	5	153	1320	8,6	80
91540272	LUMI SENSE 887mm PM 24V/60mA/8,6W COS G0	887mm	Packed Meat	5	130	1120	8,6	89
tbd.	LUMI SENSE 1027mm 965 24V/60mA/10,1W COS G1	1027mm	6500K	4	179	1800	10,1	90
tbd.	LUMI SENSE 1027mm 957 24V/60mA/10,1W COS G1	1027mm	5700K	4	178	1790	10,1	90
tbd.	LUMI SENSE 1027mm 950 24V/60mA/10,1W COS G1	1027mm	5000K	4	178	1790	10,1	90
tbd.	LUMI SENSE 1027mm 940 24V/60mA/10,1W COS G1	1027mm	4000K	4	179	1800	10,1	90
tbd.	LUMI SENSE 1027mm 930 24V/60mA/10,1W COS G1	1027mm	3000K	4	179	1800	10,1	90
91540064	LUMI SENSE 1027mm 927 24V/60mA/10,1W COS G0	1027mm	2700K	4	148	1490	10,1	89
91540065	LUMI SENSE 1027mm 924 24V/60mA/10,1W COS G0	1027mm	2400K	4	138	1390	10,1	91
tbd.	LUMI SENSE 1027mm NM 24V/60mA/10,1W COS G0	1027mm	Natural Meat	4	153	1540	10,1	80
tbd.	LUMI SENSE 1027mm PM 24V/60mA/10,1W COS G0	1027mm	Packed Meat	4	130	1310	10,1	89
tbd.	LUMI SENSE 1167mm 965 24V/60mA/11,5W COS G1	1167mm	6500K	3	178	2050	11,5	90
91540050	LUMI SENSE 1167mm 957 24V/60mA/11,5W COS G1	1167mm	5700K	3	178	2050	11,5	90
tbd.	LUMI SENSE 1167mm 950 24V/60mA/11,5W COS G1	1167mm	5000K	3	178	2050	11,5	90
91540052	LUMI SENSE 1167mm 940 24V/60mA/11,5W COS G1	1167mm	4000K	3	178	2050	11,5	90
91540054	LUMI SENSE 1167mm 930 24V/60mA/11,5W COS G1	1167mm	3000K	3	178	2050	11,5	90
tbd.	LUMI SENSE 1167mm 927 24V/60mA/11,5W COS G0	1167mm	2700K	3	148	1700	11,5	89
91540189	LUMI SENSE 1167mm 924 24V/60mA/11,5W COS G0	1167mm	2400K	3	138	1590	11,5	91
91540056	LUMI SENSE 1167mm NM 24V/60mA/11,5W COS G0	1167mm	Natural Meat	3	152	1750	11,5	80
91540066	LUMI SENSE 1167mm PM 24V/60mA/11,5W COS G0	1167mm	Packed Meat	3	129	1490	11,5	89
tbd.	LUMI SENSE 1307mm 965 24V/60mA/13,0W COS G1	1307mm	6500K	3	178	2310	13,0	90
tbd.	LUMI SENSE 1307mm 957 24V/60mA/13,0W COS G1	1307mm	5700K	3	177	2300	13,0	90
tbd.	LUMI SENSE 1307mm 950 24V/60mA/13,0W COS G1	1307mm	5000K	3	177	2300	13,0	90
tbd.	LUMI SENSE 1307mm 940 24V/60mA/13,0W COS G1	1307mm	4000K	3	178	2310	13,0	90
tbd.	LUMI SENSE 1307mm 930 24V/60mA/13,0W COS G1	1307mm	3000K	3	178	2310	13,0	90
tbd.	LUMI SENSE 1307mm 927 24V/60mA/13,0W COS G0	1307mm	2700K	3	148	1920	13,0	89
tbd.	LUMI SENSE 1307mm 924 24V/60mA/13,0W COS G0	1307mm	2400K	3	138	1790	13,0	91
tbd.	LUMI SENSE 1307mm NM 24V/60mA/13,0W COS G0	1307mm	Natural Meat	3	152	1970	13,0	80
tbd.	LUMI SENSE 1307mm PM 24V/60mA/13,0W COS G0	1307mm	Packed Meat	3	130	1680	13,0	89
tbd.	LUMI SENSE 1447mm 965 24V/60mA/14,4W COS G1	1447mm	6500K	3	178	2570	14,4	90
tbd.	LUMI SENSE 1447mm 957 24V/60mA/14,4W COS G1	1447mm	5700K	3	178	2560	14,4	90
tbd.	LUMI SENSE 1447mm 950 24V/60mA/14,4W COS G1	1447mm	5000K	3	178	2560	14,4	90
tbd.	LUMI SENSE 1447mm 940 24V/60mA/14,4W COS G1	1447mm	4000K	3	178	2570	14,4	90
tbd.	LUMI SENSE 1447mm 930 24V/60mA/14,4W COS G1	1447mm	3000K	3	178	2570	14,4	90
tbd.	LUMI SENSE 1447mm 927 24V/60mA/14,4W COS G0	1447mm	2700K	3	148	2130	14,4	89
tbd.	LUMI SENSE 1447mm 924 24V/60mA/14,4W COS G0	1447mm	2400K	3	138	1980	14,4	91
tbd.	LUMI SENSE 1447mm NM 24V/60mA/14,4W COS G0	1447mm	Natural Meat	3	152	2190	14,4	80
tbd.	LUMI SENSE 1447mm PM 24V/60mA/14,4W COS G0	1447mm	Packed Meat	3	130	1870	14,4	89

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LUMITECH DATASHEET - SENSE LINE: Horizontal Lighting (IP66)

TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
tbd.	**LUMI SENSE 1587mm 965 24V/60mA/15,8W COS G1**	1587mm	6500K	2	178	2820	15,8	90
tbd.	**LUMI SENSE 1587mm 957 24V/60mA/15,8W COS G1**	1587mm	5700K	2	177	2810	15,8	90
tbd.	**LUMI SENSE 1587mm 950 24V/60mA/15,8W COS G1**	1587mm	5000K	2	177	2810	15,8	90
tbd.	**LUMI SENSE 1587mm 940 24V/60mA/15,8W COS G1**	1587mm	4000K	2	178	2820	15,8	90
tbd.	**LUMI SENSE 1587mm 930 24V/60mA/15,8W COS G1**	1587mm	3000K	2	178	2820	15,8	90
tbd.	**LUMI SENSE 1587mm 927 24V/60mA/15,8W COS G0**	1587mm	2700K	2	148	2340	15,8	89
tbd.	**LUMI SENSE 1587mm 924 24V/60mA/15,8W COS G0**	1587mm	2400K	2	138	2180	15,8	91
tbd.	**LUMI SENSE 1587mm NM 24V/60mA/15,8W COS G0**	1587mm	Natural Meat	2	152	2410	15,8	80
tbd.	**LUMI SENSE 1587mm PM 24V/60mA/15,8W COS G0**	1587mm	Packed Meat	2	129	2050	15,8	89
tbd.	**LUMI SENSE 1727mm 965 24V/60mA/17,3W COS G1**	1727mm	6500K	2	178	3080	17,3	90
tbd.	**LUMI SENSE 1727mm 957 24V/60mA/17,3W COS G1**	1727mm	5700K	2	178	3070	17,3	90
tbd.	**LUMI SENSE 1727mm 950 24V/60mA/17,3W COS G1**	1727mm	5000K	2	178	3070	17,3	90
tbd.	**LUMI SENSE 1727mm 940 24V/60mA/17,3W COS G1**	1727mm	4000K	2	178	3080	17,3	90
tbd.	**LUMI SENSE 1727mm 930 24V/60mA/17,3W COS G1**	1727mm	3000K	2	178	3080	17,3	90
tbd.	**LUMI SENSE 1727mm 927 24V/60mA/17,3W COS G0**	1727mm	2700K	2	148	2560	17,3	89
tbd.	**LUMI SENSE 1727mm 924 24V/60mA/17,3W COS G0**	1727mm	2400K	2	138	2380	17,3	91
tbd.	**LUMI SENSE 1727mm NM 24V/60mA/17,3W COS G0**	1727mm	Natural Meat	2	152	2630	17,3	80
tbd.	**LUMI SENSE 1727mm PM 24V/60mA/17,3W COS G0**	1727mm	Packed Meat	2	130	2240	17,3	89

Packaging: 12 pieces/carton, 360 pieces/pallet

- All typical values for Ta=25°C +/- 2°C
- Luminous flux = typ. value +/– 20%
- Tolerance mechanical dimensions +/- 1mm
- Tolerance electrical data +/- 15%
- Tolerance optical data +/-15%
- Tolerance min. value CRI +/-2 (valid for LED chips)
- Energy Efficiency class (valid for light source): on request

CONVERTER

Output voltage	24 VDC +10 %
Power driver	= sum of the typical individual power of the light engins + 10 %

Selection of the operating device/protective functions

The operating device protects the modules against overvoltage, overcurrent, overload and short circuits.The device must comply with the relevant standards for safe operation in freezer and refrigeration equipment and must be also technically approved by LUMITECH Lighting Solution GmbH. Power supply units must ensure the following protective measures:

- SELV
- Short-circuit protection
- Overload protection
- Overtemperature protection
- Protection against environmental influences

The luminaires must be operated on 24V constant voltage LED drivers, only.

Operation on a constant current LED driver will result in irreversible damage to the luminaire.

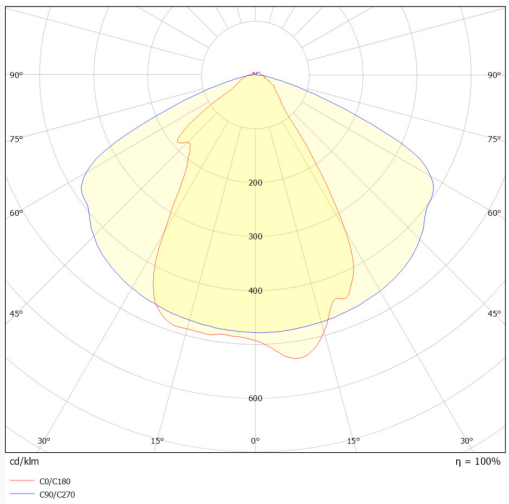
Reverse polarity can damage the luminaire.

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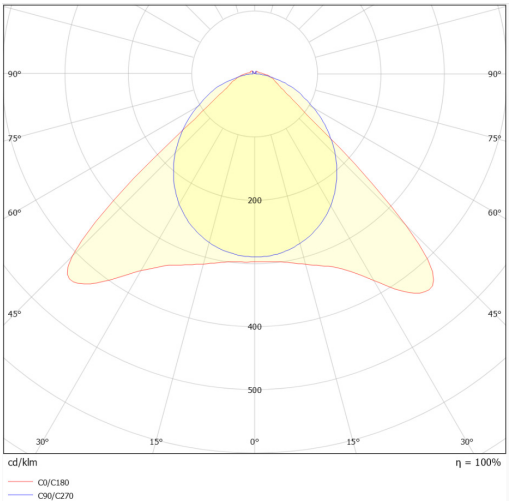
LUMITECH DATASHEET - SENSE LINE: Horizontal Lighting (IP66)

OPTICAL PROPERTIES - LUMINAIRE

CANOPY LIGHTING (ASC)



SHELF & COUNTER LIGHTING (COS)



LIFETIME

70.000h (L80 B10)

STANDARDS

- EN 60598-1
- EN 60598-2-1
- EN 62031
- EN 62471
- EN 60335-1, EN 60335-2-24, EN 60335-2-89
- Eco Design 2019/2020 (SLR)
- Energy Labelling 2019/2015 (ELR)
- PRP/HACCP (Food Safety)
- RoHS/Reach
- ENEC, NSF, UL

THERMAL BEHAVIOUR

Operating temperature (operation, no defects)	ta	-30 ... +30 °C
Storage temperature	ts	-30 ... +60 °C
Temperature cooling profile [1][2]	tc	-30 ... +60 °C

[1] Values apply to operation at 100% output, natural convection.

[2] If the maximum temperature limits are exceeded, the lifetime of the module will be greatly reduced or the module may be destroyed. The tc point temperature at the profile of the light engine should be measured in the thermally stable state and under operating conditions by means of a temperature sensor or temperature-sensitive sticker in accordance with EN60598-1. The entire profile can be used as the tc point.

Note

- Installation should only be conducted by a licensed electrician.
- Reversing the polarity can damage the product!
- Make sure the converter has been switched off prior to connecting the light engine. If this is not observed, the light engine may be damaged!
- Connection or operation is only permitted when using the specified converters. Higher voltages result in damage to or failure of the light engine.
- The user is responsible for correct selection of illumination intensity. Excessive illumination intensity may lead to greying or colour changes of displayed products.
- Lumitech accessories must be used. Accessories (e.g. cables) from other manufacturers can lead to failures and damage. The use of these parts will void any warranty claim!
- Luminaires must not be installed next to a cooling or heating outlet!

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