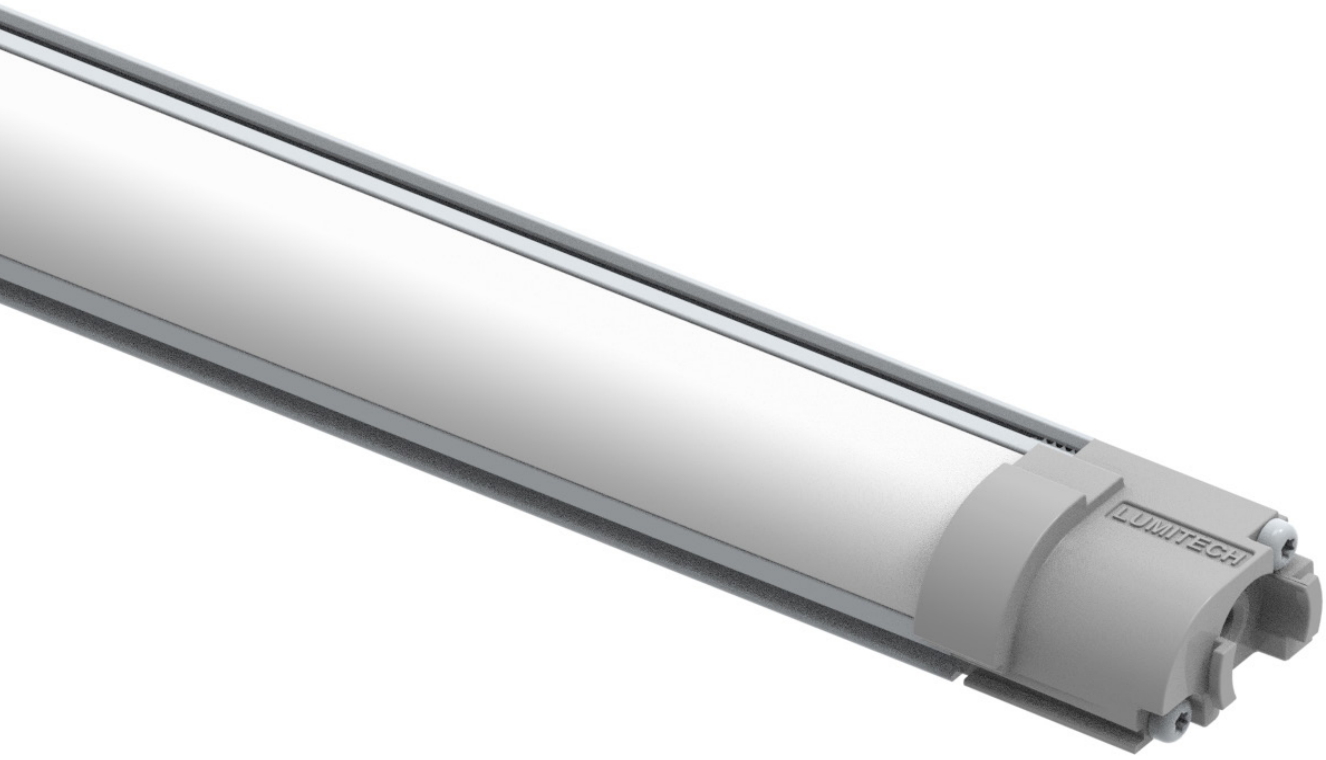
LUMITECH
YOUR LIGHTING SOLUTION



UNIFY IP66

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LUMITECH DATASHEET - UNIFY IP66

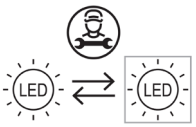
PRODUCT DESCRIPTION

- Highly efficient lighting
- Ready-to-connect solution available 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 to safety extra-low voltage (SELV)
- Simple installation with specific fixing clips (available on request)
- Special blinds available (no glare or lateral insight)
- Heat sink profile made of extruded LowCarbon Aluminium
- Linear lenses made of Polycarbonate (GWT up to 850°C)
- Endcaps made of PC
- Dimming capability

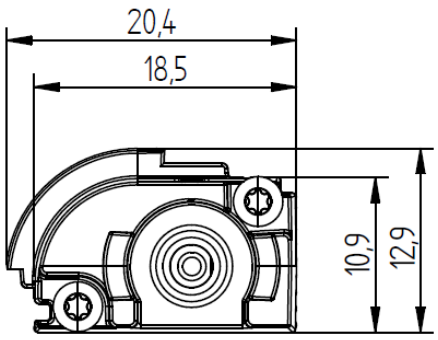
TECHNICAL DATA

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

RoHS



DIMENSION



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LUMITECH DATASHEET - UNIFY 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 UNIFY 607mm 965 24V/60mA/5,8W ACU G1	607mm	6500K	7	167	960	5,8	90
91510050	LUMI UNIFY 607mm 957 24V/60mA/5,8W ACU G1	607mm	5700K	7	167	960	5,8	90
tbd.	LUMI UNIFY 607mm 950 24V/60mA/5,8W ACU G1	607mm	5000K	7	167	960	5,8	90
91510123	LUMI UNIFY 607mm 942 24V/60mA/5,8W ACU G1	607mm	4200K	7	167	960	5,8	90
tbd.	LUMI UNIFY 607mm 940 24V/60mA/5,8W ACU G1	607mm	4000K	7	167	960	5,8	90
tbd.	LUMI UNIFY 607mm 930 24V/60mA/5,8W ACU G1	607mm	3000K	7	139	800	5,8	90
tbd.	LUMI UNIFY 607mm NM 24V/60mA/5,8W ACU G1	607mm	Natural Meat	7	137	790	5,8	80
tbd.	LUMI UNIFY 607mm PM 24V/60mA/5,8W ACU G1	607mm	Packed Meat	7	137	790	5,8	90
tbd.	LUMI UNIFY 887mm 965 24V/60mA/8,6W ACU G1	887mm	6500K	5	167	1440	8,6	90
91510065	LUMI UNIFY 887mm 957 24V/60mA/8,6W ACU G1	887mm	5700K	5	167	1440	8,6	90
tbd.	LUMI UNIFY 887mm 950 24V/60mA/8,6W ACU G1	887mm	5000K	5	167	1440	8,6	90
91510013	LUMI UNIFY 887mm 942 24V/60mA/8,6W ACU G1	887mm	4200K	5	167	1440	8,6	90
tbd.	LUMI UNIFY 887mm 940 24V/60mA/8,6W ACU G1	887mm	4000K	5	167	1440	8,6	90
91510014	LUMI UNIFY 887mm 930 24V/60mA/8,6W ACU G1	887mm	3000K	5	139	1200	8,6	90
91510016	LUMI UNIFY 887mm NM 24V/60mA/8,6W ACU G1	887mm	Natural Meat	5	138	1190	8,6	80
91510018	LUMI UNIFY 887mm PM 24V/60mA/8,6W ACU G1	887mm	Packed Meat	5	138	1190	8,6	90
tbd.	LUMI UNIFY 1167mm 965 24V/60mA/11,5W ACU G1	1167mm	6500K	3	167	1920	11,5	90
91510066	LUMI UNIFY 1167mm 957 24V/60mA/11,5W ACU G1	1167mm	5700K	3	167	1920	11,5	90
tbd.	LUMI UNIFY 1167mm 950 24V/60mA/11,5W ACU G1	1167mm	5000K	3	167	1920	11,5	90
91510006	LUMI UNIFY 1167mm 942 24V/60mA/11,5W ACU G1	1167mm	4200K	3	167	1920	11,5	90
tbd.	LUMI UNIFY 1167mm 940 24V/60mA/11,5W ACU G1	1167mm	4000K	3	167	1920	11,5	90
91510015	LUMI UNIFY 1167mm 930 24V/60mA/11,5W ACU G1	1167mm	3000K	3	139	1600	11,5	90
91510017	LUMI UNIFY 1167mm NM 24V/60mA/11,5W ACU G1	1167mm	Natural Meat	3	137	1580	11,5	80
91510019	LUMI UNIFY 1167mm PM 24V/60mA/11,5W ACU G1	1167mm	Packed Meat	3	137	1580	11,5	90
tbd.	LUMI UNIFY 1447mm 965 24V/60mA/14,4W ACU G1	1447mm	6500K	3	167	2400	14,4	90
tbd.	LUMI UNIFY 1447mm 957 24V/60mA/14,4W ACU G1	1447mm	5700K	3	167	2400	14,4	90
tbd.	LUMI UNIFY 1447mm 950 24V/60mA/14,4W ACU G1	1447mm	5000K	3	167	2410	14,4	90
tbd.	LUMI UNIFY 1447mm 942 24V/60mA/14,4W ACU G1	1447mm	4200K	3	167	2410	14,4	90
tbd.	LUMI UNIFY 1447mm 940 24V/60mA/14,4W ACU G1	1447mm	4000K	3	167	2410	14,4	90
91510077	LUMI UNIFY 1447mm 930 24V/60mA/14,4W ACU G1	1447mm	3000K	3	139	2000	14,4	90
91510083	LUMI UNIFY 1447mm NM 24V/60mA/14,4W ACU G1	1447mm	Natural Meat	3	138	1980	14,4	80
91510080	LUMI UNIFY 1447mm PM 24V/60mA/14,4W ACU G1	1447mm	Packed Meat	3	138	1980	14,4	90
tbd.	LUMI UNIFY 1727mm 965 24V/60mA/17,3W ACU G1	1727mm	6500K	2	167	2880	17,3	90
91510067	LUMI UNIFY 1727mm 957 24V/60mA/17,3W ACU G1	1727mm	5700K	2	167	2880	17,3	90
tbd.	LUMI UNIFY 1727mm 950 24V/60mA/17,3W ACU G1	1727mm	5000K	2	167	2890	17,3	90
91510007	LUMI UNIFY 1727mm 942 24V/60mA/17,3W ACU G1	1727mm	4200K	2	167	2890	17,3	90
tbd.	LUMI UNIFY 1727mm 940 24V/60mA/17,3W ACU G1	1727mm	4000K	2	167	2890	17,3	90
tbd.	LUMI UNIFY 1727mm 930 24V/60mA/17,3W ACU G1	1727mm	3000K	2	139	2400	17,3	90
tbd.	LUMI UNIFY 1727mm NM 24V/60mA/17,3W ACU G1	1727mm	Natural Meat	2	138	2380	17,3	80
tbd.	LUMI UNIFY 1727mm PM 24V/60mA/17,3W ACU G1	1727mm	Packed Meat	2	138	2380	17,3	90

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LUMITECH DATASHEET - UNIFY IP66

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 UNIFY 607mm 965 24V/33mA/3,2W ACU G1	607mm	6500K	9	168	530	3,2	90
tbd.	LUMI UNIFY 607mm 957 24V/33mA/3,2W ACU G1	607mm	5700K	9	168	530	3,2	90
tbd.	LUMI UNIFY 607mm 950 24V/33mA/3,2W ACU G1	607mm	5000K	9	168	530	3,2	90
tbd.	LUMI UNIFY 607mm 942 24V/33mA/3,2W ACU G1	607mm	4200K	9	168	530	3,2	90
tbd.	LUMI UNIFY 607mm 940 24V/33mA/3,2W ACU G1	607mm	4000K	9	168	530	3,2	90
tbd.	LUMI UNIFY 607mm 930 24V/33mA/3,2W ACU G1	607mm	3000K	9	139	440	3,2	90
tbd.	LUMI UNIFY 607mm NM 24V/33mA/3,2W ACU G1	607mm	Natural Meat	9	139	440	3,2	80
tbd.	LUMI UNIFY 607mm PM 24V/33mA/3,2W ACU G1	607mm	Packed Meat	9	139	440	3,2	90
tbd.	LUMI UNIFY 887mm 965 24V/33mA/4,7W ACU G1	887mm	6500K	6	167	790	4,7	90
tbd.	LUMI UNIFY 887mm 957 24V/33mA/4,7W ACU G1	887mm	5700K	6	167	790	4,7	90
tbd.	LUMI UNIFY 887mm 950 24V/33mA/4,7W ACU G1	887mm	5000K	6	169	800	4,7	90
tbd.	LUMI UNIFY 887mm 942 24V/33mA/4,7W ACU G1	887mm	4200K	6	169	800	4,7	90
tbd.	LUMI UNIFY 887mm 940 24V/33mA/4,7W ACU G1	887mm	4000K	6	167	790	4,7	90
tbd.	LUMI UNIFY 887mm 930 24V/33mA/4,7W ACU G1	887mm	3000K	6	139	660	4,7	90
tbd.	LUMI UNIFY 887mm NM 24V/33mA/4,7W ACU G1	887mm	Natural Meat	6	139	660	4,7	80
tbd.	LUMI UNIFY 887mm PM 24V/33mA/4,7W ACU G1	887mm	Packed Meat	6	139	660	4,7	90
tbd.	LUMI UNIFY 1167mm 965 24V/33mA/6,3W ACU G1	1167mm	6500K	4	166	1050	6,3	90
tbd.	LUMI UNIFY 1167mm 957 24V/33mA/6,3W ACU G1	1167mm	5700K	4	166	1050	6,3	90
tbd.	LUMI UNIFY 1167mm 950 24V/33mA/6,3W ACU G1	1167mm	5000K	4	168	1060	6,3	90
tbd.	LUMI UNIFY 1167mm 942 24V/33mA/6,3W ACU G1	1167mm	4200K	4	168	1060	6,3	90
tbd.	LUMI UNIFY 1167mm 940 24V/33mA/6,3W ACU G1	1167mm	4000K	4	166	1050	6,3	90
tbd.	LUMI UNIFY 1167mm 930 24V/33mA/6,3W ACU G1	1167mm	3000K	4	139	880	6,3	90
tbd.	LUMI UNIFY 1167mm NM 24V/33mA/6,3W ACU G1	1167mm	Natural Meat	4	139	880	6,3	80
tbd.	LUMI UNIFY 1167mm PM 24V/33mA/6,3W ACU G1	1167mm	Packed Meat	4	139	880	6,3	90
tbd.	LUMI UNIFY 1447mm 965 24V/33mA/7,9W ACU G1	1447mm	6500K	3	167	1320	7,9	90
tbd.	LUMI UNIFY 1447mm 957 24V/33mA/7,9W ACU G1	1447mm	5700K	3	167	1320	7,9	90
tbd.	LUMI UNIFY 1447mm 950 24V/33mA/7,9W ACU G1	1447mm	5000K	3	168	1330	7,9	90
tbd.	LUMI UNIFY 1447mm 942 24V/33mA/7,9W ACU G1	1447mm	4200K	3	168	1330	7,9	90
tbd.	LUMI UNIFY 1447mm 940 24V/33mA/7,9W ACU G1	1447mm	4000K	3	167	1320	7,9	90
tbd.	LUMI UNIFY 1447mm 930 24V/33mA/7,9W ACU G1	1447mm	3000K	3	139	1100	7,9	90
tbd.	LUMI UNIFY 1447mm NM 24V/33mA/7,9W ACU G1	1447mm	Natural Meat	3	141	1110	7,9	80
tbd.	LUMI UNIFY 1447mm PM 24V/33mA/7,9W ACU G1	1447mm	Packed Meat	3	139	1100	7,9	90
tbd.	LUMI UNIFY 1727mm 965 24V/33mA/9,5W ACU G1	1727mm	6500K	3	167	1580	9,5	90
tbd.	LUMI UNIFY 1727mm 957 24V/33mA/9,5W ACU G1	1727mm	5700K	3	167	1580	9,5	90
tbd.	LUMI UNIFY 1727mm 950 24V/33mA/9,5W ACU G1	1727mm	5000K	3	168	1590	9,5	90
tbd.	LUMI UNIFY 1727mm 942 24V/33mA/9,5W ACU G1	1727mm	4200K	3	168	1590	9,5	90
tbd.	LUMI UNIFY 1727mm 940 24V/33mA/9,5W ACU G1	1727mm	4000K	3	167	1580	9,5	90
tbd.	LUMI UNIFY 1727mm 930 24V/33mA/9,5W ACU G1	1727mm	3000K	3	139	1320	9,5	90
tbd.	LUMI UNIFY 1727mm NM 24V/33mA/9,5W ACU G1	1727mm	Natural Meat	3	140	1330	9,5	80
tbd.	LUMI UNIFY 1727mm PM 24V/33mA/9,5W ACU G1	1727mm	Packed Meat	3	139	1320	9,5	90

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LUMITECH DATASHEET - UNIFY IP66

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 UNIFY 607mm 965 24V/25mA/2,4W ASU G1	607mm	6500K	10	167	400	2,4	90
91510054	LUMI UNIFY 607mm 957 24V/25mA/2,4W ASU G1	607mm	5700K	10	167	400	2,4	90
tbd.	LUMI UNIFY 607mm 950 24V/25mA/2,4W ASU G1	607mm	5000K	10	167	400	2,4	90
91510122	LUMI UNIFY 607mm 942 24V/25mA/2,4W ASU G1	607mm	4200K	10	167	400	2,4	90
tbd.	LUMI UNIFY 607mm 940 24V/25mA/2,4W ASU G1	607mm	4000K	10	163	390	2,4	90
tbd.	LUMI UNIFY 607mm 930 24V/25mA/2,4W ASU G1	607mm	3000K	10	138	330	2,4	90
tbd.	LUMI UNIFY 607mm NM 24V/25mA/2,4W ASU G1	607mm	Natural Meat	10	138	330	2,4	80
tbd.	LUMI UNIFY 607mm PM 24V/25mA/2,4W ASU G1	607mm	Packed Meat	10	138	330	2,4	90
tbd.	LUMI UNIFY 887mm 965 24V/25mA/3,6W ASU G1	887mm	6500K	6	167	600	3,6	90
tbd.	LUMI UNIFY 887mm 957 24V/25mA/3,6W ASU G1	887mm	5700K	6	167	600	3,6	90
tbd.	LUMI UNIFY 887mm 950 24V/25mA/3,6W ASU G1	887mm	5000K	6	167	600	3,6	90
91510020	LUMI UNIFY 887mm 942 24V/25mA/3,6W ASU G1	887mm	4200K	6	167	600	3,6	90
tbd.	LUMI UNIFY 887mm 940 24V/25mA/3,6W ASU G1	887mm	4000K	6	164	590	3,6	90
91510058	LUMI UNIFY 887mm 930 24V/25mA/3,6W ASU G1	887mm	3000K	6	136	490	3,6	90
91510023	LUMI UNIFY 887mm NM 24V/25mA/3,6W ASU G1	887mm	Natural Meat	6	139	500	3,6	80
91510024	LUMI UNIFY 887mm PM 24V/25mA/3,6W ASU G1	887mm	Packed Meat	6	139	500	3,6	90
tbd.	LUMI UNIFY 1167mm 965 24V/25mA/4,8W ASU G1	1167mm	6500K	5	167	800	4,8	90
tbd.	LUMI UNIFY 1167mm 957 24V/25mA/4,8W ASU G1	1167mm	5700K	5	167	800	4,8	90
tbd.	LUMI UNIFY 1167mm 950 24V/25mA/4,8W ASU G1	1167mm	5000K	5	167	800	4,8	90
91510021	LUMI UNIFY 1167mm 942 24V/25mA/4,8W ASU G1	1167mm	4200K	5	167	800	4,8	90
tbd.	LUMI UNIFY 1167mm 940 24V/25mA/4,8W ASU G1	1167mm	4000K	5	165	790	4,8	90
91510022	LUMI UNIFY 1167mm 930 24V/25mA/4,8W ASU G1	1167mm	3000K	5	138	660	4,8	90
91510001	LUMI UNIFY 1167mm NM 24V/25mA/4,8W ASU G1	1167mm	Natural Meat	5	140	670	4,8	80
91510025	LUMI UNIFY 1167mm PM 24V/25mA/4,8W ASU G1	1167mm	Packed Meat	5	140	670	4,8	90
tbd.	LUMI UNIFY 1447mm 965 24V/25mA/6,0W ASU G1	1447mm	6500K	4	165	990	6,0	90
tbd.	LUMI UNIFY 1447mm 957 24V/25mA/6,0W ASU G1	1447mm	5700K	4	165	990	6,0	90
tbd.	LUMI UNIFY 1447mm 950 24V/25mA/6,0W ASU G1	1447mm	5000K	4	165	990	6,0	90
tbd.	LUMI UNIFY 1447mm 942 24V/25mA/6,0W ASU G1	1447mm	4200K	4	167	1000	6,0	90
tbd.	LUMI UNIFY 1447mm 940 24V/25mA/6,0W ASU G1	1447mm	4000K	4	165	990	6,0	90
tbd.	LUMI UNIFY 1447mm 930 24V/25mA/6,0W ASU G1	1447mm	3000K	4	137	820	6,0	90
91510093	LUMI UNIFY 1447mm NM 24V/25mA/6,0W ASU G1	1447mm	Natural Meat	4	138	830	6,0	80
91510090	LUMI UNIFY 1447mm PM 24V/25mA/6,0W ASU G1	1447mm	Packed Meat	4	138	830	6,0	90
tbd.	LUMI UNIFY 1727mm 965 24V/25mA/7,2W ASU G1	1727mm	6500K	3	165	1190	7,2	90
tbd.	LUMI UNIFY 1727mm 957 24V/25mA/7,2W ASU G1	1727mm	5700K	3	165	1190	7,2	90
tbd.	LUMI UNIFY 1727mm 950 24V/25mA/7,2W ASU G1	1727mm	5000K	3	165	1190	7,2	90
tbd.	LUMI UNIFY 1727mm 942 24V/25mA/7,2W ASU G1	1727mm	4200K	3	167	1200	7,2	90
tbd.	LUMI UNIFY 1727mm 940 24V/25mA/7,2W ASU G1	1727mm	4000K	3	164	1180	7,2	90
tbd.	LUMI UNIFY 1727mm 930 24V/25mA/7,2W ASU G1	1727mm	3000K	3	138	990	7,2	90
tbd.	LUMI UNIFY 1727mm NM 24V/25mA/7,2W ASU G1	1727mm	Natural Meat	3	139	1000	7,2	80
tbd.	LUMI UNIFY 1727mm PM 24V/25mA/7,2W ASU G1	1727mm	Packed Meat	3	139	1000	7,2	90

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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
Handrail Lighting								
tbd.	LUMI UNIFY 607mm 965 24V/80mA/7,7W ACU G1	607mm	6500K	6	167	1280	7,7	90
tbd.	LUMI UNIFY 607mm 957 24V/80mA/7,7W ACU G1	607mm	5700K	6	165	1270	7,7	90
tbd.	LUMI UNIFY 607mm 950 24V/80mA/7,7W ACU G1	607mm	5000K	6	167	1280	7,7	90
tbd.	LUMI UNIFY 607mm 942 24V/80mA/7,7W ACU G1	607mm	4200K	6	167	1280	7,7	90
tbd.	LUMI UNIFY 607mm 940 24V/80mA/7,7W ACU G1	607mm	4000K	6	167	1280	7,7	90
tbd.	LUMI UNIFY 607mm 930 24V/80mA/7,7W ACU G1	607mm	3000K	6	138	1060	7,7	90
tbd.	LUMI UNIFY 607mm NM 24V/80mA/7,7W ACU G1	607mm	Natural Meat	6	137	1050	7,7	80
tbd.	LUMI UNIFY 607mm PM 24V/80mA/7,7W ACU G1	607mm	Packed Meat	6	137	1050	7,7	90
tbd.	LUMI UNIFY 747mm 965 24V/80mA/9,6W ACU G1	747mm	6500K	5	166	1590	9,6	90
tbd.	LUMI UNIFY 747mm 957 24V/80mA/9,6W ACU G1	747mm	5700K	5	166	1590	9,6	90
tbd.	LUMI UNIFY 747mm 950 24V/80mA/9,6W ACU G1	747mm	5000K	5	167	1600	9,6	90
tbd.	LUMI UNIFY 747mm 942 24V/80mA/9,6W ACU G1	747mm	4200K	5	166	1590	9,6	90
tbd.	LUMI UNIFY 747mm 940 24V/80mA/9,6W ACU G1	747mm	4000K	5	167	1600	9,6	90
tbd.	LUMI UNIFY 747mm 930 24V/80mA/9,6W ACU G1	747mm	3000K	5	139	1330	9,6	90
tbd.	LUMI UNIFY 747mm NM 24V/80mA/9,6W ACU G1	747mm	Natural Meat	5	136	1310	9,6	80
tbd.	LUMI UNIFY 747mm PM 24V/80mA/9,6W ACU G1	747mm	Packed Meat	5	136	1310	9,6	90
tbd.	LUMI UNIFY 887mm 965 24V/80mA/11,5W ACU G1	887mm	6500K	4	166	1910	11,5	90
91510140	LUMI UNIFY 887mm 957 24V/80mA/11,5W ACU G1	887mm	5700K	4	166	1910	11,5	90
tbd.	LUMI UNIFY 887mm 950 24V/80mA/11,5W ACU G1	887mm	5000K	4	167	1920	11,5	90
91510075	LUMI UNIFY 887mm 942 24V/80mA/11,5W ACU G1	887mm	4200K	4	166	1910	11,5	90
tbd.	LUMI UNIFY 887mm 940 24V/80mA/11,5W ACU G1	887mm	4000K	4	167	1920	11,5	90
91510076	LUMI UNIFY 887mm 930 24V/80mA/11,5W ACU G1	887mm	3000K	4	138	1590	11,5	90
91510081	LUMI UNIFY 887mm NM 24V/80mA/11,5W ACU G1	887mm	Natural Meat	4	137	1580	11,5	80
91510078	LUMI UNIFY 887mm PM 24V/80mA/11,5W ACU G1	887mm	Packed Meat	4	136	1570	11,5	90
tbd.	LUMI UNIFY 1167mm 965 24V/80mA/15,4W ACU G1	1167mm	6500K	3	166	2550	15,4	90
91510141	LUMI UNIFY 1167mm 957 24V/80mA/15,4W ACU G1	1167mm	5700K	3	165	2540	15,4	90
tbd.	LUMI UNIFY 1167mm 950 24V/80mA/15,4W ACU G1	1167mm	5000K	3	167	2560	15,4	90
91510000	LUMI UNIFY 1167mm 942 24V/80mA/15,4W ACU G1	1167mm	4200K	3	166	2550	15,4	90
tbd.	LUMI UNIFY 1167mm 940 24V/80mA/15,4W ACU G1	1167mm	4000K	3	167	2560	15,4	90
91510011	LUMI UNIFY 1167mm 930 24V/80mA/15,4W ACU G1	1167mm	3000K	3	138	2120	15,4	90
91510082	LUMI UNIFY 1167mm NM 24V/80mA/15,4W ACU G1	1167mm	Natural Meat	3	137	2100	15,4	80
91510079	LUMI UNIFY 1167mm PM 24V/80mA/15,4W ACU G1	1167mm	Packed Meat	3	136	2090	15,4	90
tbd.	LUMI UNIFY 1727mm 965 24V/80mA/23,0W ACU G1	1727mm	6500K	2	166	3830	23,0	90
91510142	LUMI UNIFY 1727mm 957 24V/80mA/23,0W ACU G1	1727mm	5700K	2	165	3810	23,0	90
tbd.	LUMI UNIFY 1727mm 950 24V/80mA/23,0W ACU G1	1727mm	5000K	2	167	3850	23,0	90
91510143	LUMI UNIFY 1727mm 942 24V/80mA/23,0W ACU G1	1727mm	4200K	2	166	3830	23,0	90
tbd.	LUMI UNIFY 1727mm 940 24V/80mA/23,0W ACU G1	1727mm	4000K	2	167	3840	23,0	90
tbd.	LUMI UNIFY 1727mm 930 24V/80mA/23,0W ACU G1	1727mm	3000K	2	138	3180	23,0	90
91510144	LUMI UNIFY 1727mm NM 24V/80mA/23,0W ACU G1	1727mm	Natural Meat	2	137	3150	23,0	80
tbd.	LUMI UNIFY 1727mm PM 24V/80mA/23,0W ACU G1	1727mm	Packed Meat	2	136	3140	23,0	90

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LUMITECH DATASHEET - UNIFY IP66

TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
Door Cooler Lighting								
tbd.	LUMI UNIFY 1027mm 965 24V/40mA/6,7W ADU G1	1027mm	6500K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 957 24V/40mA/6,7W ADU G1	1027mm	5700K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 950 24V/40mA/6,7W ADU G1	1027mm	5000K	4	167	1120	6,7	90
91510048	LUMI UNIFY 1027mm 942 24V/40mA/6,7W ADU G1	1027mm	4200K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 940 24V/40mA/6,7W ADU G1	1027mm	4000K	4	167	1120	6,7	90
91510062	LUMI UNIFY 1027mm 930 24V/40mA/6,7W ADU G1	1027mm	3000K	4	138	930	6,7	90
91510064	LUMI UNIFY 1027mm NM 24V/40mA/6,7W ADU G1	1027mm	Natural Meat	4	138	930	6,7	80
tbd.	LUMI UNIFY 1027mm PM 24V/40mA/6,7W ADU G1	1027mm	Packed Meat	4	138	930	6,7	90
tbd.	LUMI UNIFY 1167mm 965 24V/40mA/7,7W ADU G1	1167mm	6500K	4	167	1280	7,7	90
91510095	LUMI UNIFY 1167mm 957 24V/40mA/7,7W ADU G1	1167mm	5700K	4	167	1280	7,7	90
tbd.	LUMI UNIFY 1167mm 950 24V/40mA/7,7W ADU G1	1167mm	5000K	4	168	1290	7,7	90
91510098	LUMI UNIFY 1167mm 942 24V/40mA/7,7W ADU G1	1167mm	4200K	4	168	1290	7,7	90
91510174	LUMI UNIFY 1167mm 940 24V/40mA/7,7W ADU G1	1167mm	4000K	4	167	1280	7,7	90
91510101	LUMI UNIFY 1167mm 930 24V/40mA/7,7W ADU G1	1167mm	3000K	4	139	1070	7,7	90
91510032	LUMI UNIFY 1167mm NM 24V/40mA/7,7W ADU G1	1167mm	Natural Meat	4	139	1070	7,7	80
91510104	LUMI UNIFY 1167mm PM 24V/40mA/7,7W ADU G1	1167mm	Packed Meat	4	138	1060	7,7	90
91510253	LUMI UNIFY 1307mm 965 24V/40mA/8,6W ADU G1	1307mm	6500K	3	167	1440	8,6	90
tbd.	LUMI UNIFY 1307mm 957 24V/40mA/8,6W ADU G1	1307mm	5700K	3	167	1440	8,6	90
91510252	LUMI UNIFY 1307mm 950 24V/40mA/8,6W ADU G1	1307mm	5000K	3	168	1450	8,6	90
91510125	LUMI UNIFY 1307mm 942 24V/40mA/8,6W ADU G1	1307mm	4200K	3	168	1450	8,6	90
91510251	LUMI UNIFY 1307mm 940 24V/40mA/8,6W ADU G1	1307mm	4000K	3	167	1440	8,6	90
tbd.	LUMI UNIFY 1307mm 930 24V/40mA/8,6W ADU G1	1307mm	3000K	3	139	1200	8,6	90
91510254	LUMI UNIFY 1307mm NM 24V/40mA/8,6W ADU G1	1307mm	Natural Meat	3	139	1200	8,6	80
tbd.	LUMI UNIFY 1307mm PM 24V/40mA/8,6W ADU G1	1307mm	Packed Meat	3	138	1190	8,6	90
tbd.	LUMI UNIFY 1447mm 965 24V/40mA/9,6W ADU G1	1447mm	6500K	3	167	1600	9,6	90
tbd.	LUMI UNIFY 1447mm 957 24V/40mA/9,6W ADU G1	1447mm	5700K	3	167	1600	9,6	90
91510247	LUMI UNIFY 1447mm 950 24V/40mA/9,6W ADU G1	1447mm	5000K	3	168	1610	9,6	90
91510002	LUMI UNIFY 1447mm 942 24V/40mA/9,6W ADU G1	1447mm	4200K	3	168	1610	9,6	90
91510115	LUMI UNIFY 1447mm 940 24V/40mA/9,6W ADU G1	1447mm	4000K	3	167	1600	9,6	90
91510029	LUMI UNIFY 1447mm 930 24V/40mA/9,6W ADU G1	1447mm	3000K	3	139	1330	9,6	90
91510033	LUMI UNIFY 1447mm NM 24V/40mA/9,6W ADU G1	1447mm	Natural Meat	3	139	1330	9,6	80
91510116	LUMI UNIFY 1447mm PM 24V/40mA/9,6W ADU G1	1447mm	Packed Meat	3	139	1330	9,6	90
91510258	LUMI UNIFY 1587mm 965 24V/40mA/10,6W ADU G1	1587mm	6500K	3	167	1760	10,6	90
tbd.	LUMI UNIFY 1587mm 957 24V/40mA/10,6W ADU G1	1587mm	5700K	3	167	1760	10,6	90
91510257	LUMI UNIFY 1587mm 950 24V/40mA/10,6W ADU G1	1587mm	5000K	3	168	1770	10,6	90
91510049	LUMI UNIFY 1587mm 942 24V/40mA/10,6W ADU G1	1587mm	4200K	3	168	1770	10,6	90
91510245	LUMI UNIFY 1587mm 940 24V/40mA/10,6W ADU G1	1587mm	4000K	3	167	1760	10,6	90
91510114	LUMI UNIFY 1587mm 930 24V/40mA/10,6W ADU G1	1587mm	3000K	3	139	1470	10,6	90
91510120	LUMI UNIFY 1587mm NM 24V/40mA/10,6W ADU G1	1587mm	Natural Meat	3	139	1470	10,6	80
91510117	LUMI UNIFY 1587mm PM 24V/40mA/10,6W ADU G1	1587mm	Packed Meat	3	138	1460	10,6	90
tbd.	LUMI UNIFY 1680mm 965 24V/40mA/11,2W ADU G1	1680mm	6500K	3	166	1860	11,2	90
tbd.	LUMI UNIFY 1680mm 957 24V/40mA/11,2W ADU G1	1680mm	5700K	3	166	1860	11,2	90
91510248	LUMI UNIFY 1680mm 950 24V/40mA/11,2W ADU G1	1680mm	5000K	3	167	1870	11,2	90
91510027	LUMI UNIFY 1680mm 942 24V/40mA/11,2W ADU G1	1680mm	4200K	3	167	1870	11,2	90
91510244	LUMI UNIFY 1680mm 940 24V/40mA/11,2W ADU G1	1680mm	4000K	3	166	1860	11,2	90
91510030	LUMI UNIFY 1680mm 930 24V/40mA/11,2W ADU G1	1680mm	3000K	3	139	1560	11,2	90
91510034	LUMI UNIFY 1680mm NM 24V/40mA/11,2W ADU G1	1680mm	Natural Meat	3	139	1560	11,2	80
tbd.	LUMI UNIFY 1680mm PM 24V/40mA/11,2W ADU G1	1680mm	Packed Meat	3	138	1550	11,2	90

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LUMITECH DATASHEET - UNIFY IP66

TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
tbd.	LUMI UNIFY 1727mm 965 24V/40mA/11,5W ADU G1	1727mm	6500K	2	167	1920	11,5	90
91510096	LUMI UNIFY 1727mm 957 24V/40mA/11,5W ADU G1	1727mm	5700K	2	167	1920	11,5	90
tbd.	LUMI UNIFY 1727mm 950 24V/40mA/11,5W ADU G1	1727mm	5000K	2	168	1930	11,5	90
91510061	LUMI UNIFY 1727mm 942 24V/40mA/11,5W ADU G1	1727mm	4200K	2	168	1930	11,5	90
tbd.	LUMI UNIFY 1727mm 940 24V/40mA/11,5W ADU G1	1727mm	4000K	2	167	1920	11,5	90
91510063	LUMI UNIFY 1727mm 930 24V/40mA/11,5W ADU G1	1727mm	3000K	2	139	1600	11,5	90
91510035	LUMI UNIFY 1727mm NM 24V/40mA/11,5W ADU G1	1727mm	Natural Meat	2	139	1600	11,5	80
91510105	LUMI UNIFY 1727mm PM 24V/40mA/11,5W ADU G1	1727mm	Packed Meat	2	138	1590	11,5	90
Door Freezer Lighting								
tbd.	LUMI UNIFY 607mm 965 24V/40mA/3,8W ADF G1	607mm	6500K	8	167	640	3,8	90
tbd.	LUMI UNIFY 607mm 957 24V/40mA/3,8W ADF G1	607mm	5700K	8	167	640	3,8	90
tbd.	LUMI UNIFY 607mm 950 24V/40mA/3,8W ADF G1	607mm	5000K	8	167	640	3,8	90
tbd.	LUMI UNIFY 607mm 942 24V/40mA/3,8W ADF G1	607mm	4200K	8	167	640	3,8	90
tbd.	LUMI UNIFY 607mm 940 24V/40mA/3,8W ADF G1	607mm	4000K	8	167	640	3,8	90
tbd.	LUMI UNIFY 747mm 965 24V/40mA/4,8W ADF G1	747mm	6500K	6	167	800	4,8	90
91510038	LUMI UNIFY 747mm 957 24V/40mA/4,8W ADF G1	747mm	5700K	6	167	800	4,8	90
tbd.	LUMI UNIFY 747mm 950 24V/40mA/4,8W ADF G1	747mm	5000K	6	167	800	4,8	90
tbd.	LUMI UNIFY 747mm 942 24V/40mA/4,8W ADF G1	747mm	4200K	6	167	800	4,8	90
91510189	LUMI UNIFY 747mm 940 24V/40mA/4,8W ADF G1	747mm	4000K	6	167	800	4,8	90
tbd.	LUMI UNIFY 887mm 965 24V/40mA/5,8W ADF G1	887mm	6500K	5	167	960	5,8	90
tbd.	LUMI UNIFY 887mm 957 24V/40mA/5,8W ADF G1	887mm	5700K	5	167	960	5,8	90
tbd.	LUMI UNIFY 887mm 950 24V/40mA/5,8W ADF G1	887mm	5000K	5	167	960	5,8	90
tbd.	LUMI UNIFY 887mm 942 24V/40mA/5,8W ADF G1	887mm	4200K	5	167	960	5,8	90
tbd.	LUMI UNIFY 887mm 940 24V/40mA/5,8W ADF G1	887mm	4000K	5	167	960	5,8	90
tbd.	LUMI UNIFY 1027mm 965 24V/40mA/6,7W ADF G1	1027mm	6500K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 957 24V/40mA/6,7W ADF G1	1027mm	5700K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 950 24V/40mA/6,7W ADF G1	1027mm	5000K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 942 24V/40mA/6,7W ADF G1	1027mm	4200K	4	167	1120	6,7	90
tbd.	LUMI UNIFY 1027mm 940 24V/40mA/6,7W ADF G1	1027mm	4000K	4	167	1120	6,7	90
91510126	LUMI UNIFY 1167mm 965 24V/40mA/7,7W ADF G1	1167mm	6500K	4	167	1280	7,7	90
91510040	LUMI UNIFY 1167mm 957 24V/40mA/7,7W ADF G1	1167mm	5700K	4	167	1280	7,7	90
tbd.	LUMI UNIFY 1167mm 950 24V/40mA/7,7W ADF G1	1167mm	5000K	4	168	1290	7,7	90
91510129	LUMI UNIFY 1167mm 942 24V/40mA/7,7W ADF G1	1167mm	4200K	4	168	1290	7,7	90
tbd.	LUMI UNIFY 1167mm 940 24V/40mA/7,7W ADF G1	1167mm	4000K	4	167	1280	7,7	90
tbd.	LUMI UNIFY 1307mm 965 24V/40mA/8,6W ADF G1	1307mm	6500K	3	167	1440	8,6	90
tbd.	LUMI UNIFY 1307mm 957 24V/40mA/8,6W ADF G1	1307mm	5700K	3	167	1440	8,6	90
tbd.	LUMI UNIFY 1307mm 950 24V/40mA/8,6W ADF G1	1307mm	5000K	3	168	1450	8,6	90
tbd.	LUMI UNIFY 1307mm 942 24V/40mA/8,6W ADF G1	1307mm	4200K	3	168	1450	8,6	90
tbd.	LUMI UNIFY 1307mm 940 24V/40mA/8,6W ADF G1	1307mm	4000K	3	167	1440	8,6	90
91510127	LUMI UNIFY 1447mm 965 24V/40mA/9,6W ADF G1	1447mm	6500K	3	167	1600	9,6	90
91510069	LUMI UNIFY 1447mm 957 24V/40mA/9,6W ADF G1	1447mm	5700K	3	167	1600	9,6	90
tbd.	LUMI UNIFY 1447mm 950 24V/40mA/9,6W ADF G1	1447mm	5000K	3	168	1610	9,6	90
91510036	LUMI UNIFY 1447mm 942 24V/40mA/9,6W ADF G1	1447mm	4200K	3	168	1610	9,6	90
tbd.	LUMI UNIFY 1447mm 940 24V/40mA/9,6W ADF G1	1447mm	4000K	3	167	1600	9,6	90

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LUMITECH DATASHEET - UNIFY IP66

TECHNICAL DATA | ORDER DATA

Art. No.	Type	Length	Light Colour	Series Connection	Efficiency [lm/W]	Luminous flux [lm]	Power [W]	CRI
91510128	LUMI UNIFY 1587mm 965 24V/40mA/10,6W ADF G1	1587mm	6500K	3	167	1760	10,6	90
91510042	LUMI UNIFY 1587mm 957 24V/40mA/10,6W ADF G1	1587mm	5700K	3	167	1760	10,6	90
tbd.	LUMI UNIFY 1587mm 950 24V/40mA/10,6W ADF G1	1587mm	5000K	3	168	1770	10,6	90
91510130	LUMI UNIFY 1587mm 942 24V/40mA/10,6W ADF G1	1587mm	4200K	3	168	1770	10,6	90
tbd.	LUMI UNIFY 1587mm 940 24V/40mA/10,6W ADF G1	1587mm	4000K	3	167	1760	10,6	90
tbd.	LUMI UNIFY 1680mm 965 24V/40mA/11,2W ADF G1	1680mm	6500K	3	166	1860	11,2	90
91510238	LUMI UNIFY 1680mm 957 24V/40mA/11,2W ADF G1	1680mm	5700K	3	166	1860	11,2	90
tbd.	LUMI UNIFY 1680mm 950 24V/40mA/11,2W ADF G1	1680mm	5000K	3	167	1870	11,2	90
91510037	LUMI UNIFY 1680mm 942 24V/40mA/11,2W ADF G1	1680mm	4200K	3	167	1870	11,2	90
tbd.	LUMI UNIFY 1680mm 940 24V/40mA/11,2W ADF G1	1680mm	4000K	3	166	1860	11,2	90
tbd.	LUMI UNIFY 1727mm 965 24V/40mA/11,5W ADF G1	1727mm	6500K	2	167	1920	11,5	90
91510043	LUMI UNIFY 1727mm 957 24V/40mA/11,5W ADF G1	1727mm	5700K	2	167	1920	11,5	90
tbd.	LUMI UNIFY 1727mm 950 24V/40mA/11,5W ADF G1	1727mm	5000K	2	168	1930	11,5	90
tbd.	LUMI UNIFY 1727mm 942 24V/40mA/11,5W ADF G1	1727mm	4200K	2	168	1930	11,5	90
tbd.	LUMI UNIFY 1727mm 940 24V/40mA/11,5W ADF G1	1727mm	4000K	2	167	1920	11,5	90

Packaging: 25 pieces/carton, 750 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 LED driver	= sum of typical power of light engines + 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

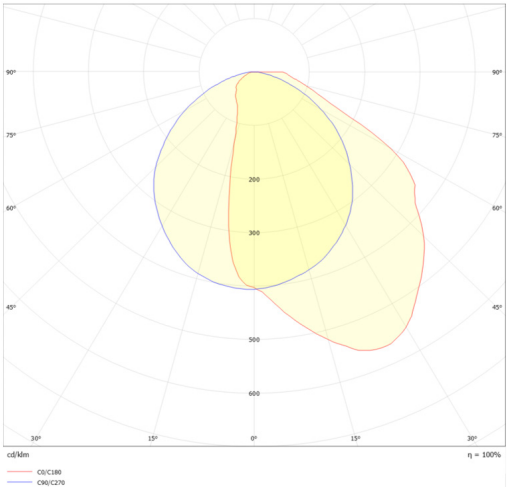
The luminaires must be operated on 24V constant voltage LED drivers, only.
Operation on a constant current LED driver will result in irreversible damage to the luminaire.
Reverse polarity can damage the luminaire.

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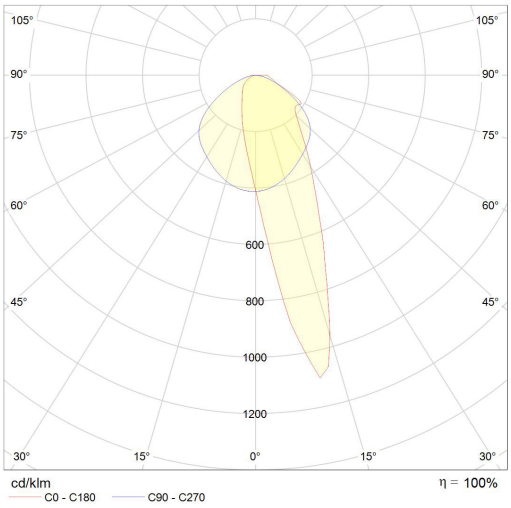
LUMITECH DATASHEET - UNIFY IP66

OPTICAL PROPERTIES - LUMINAIRE

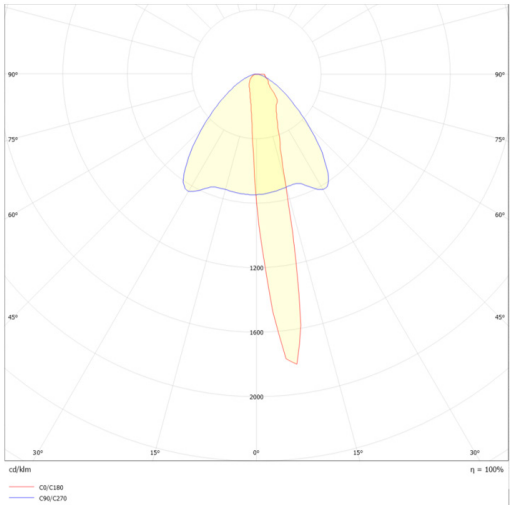
CANOPY, SHELF & HANDRAIL (ACU)



DOOR COOLER (ADU)



DOOR FREEZER (ADF)



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LUMITECH DATASHEET - UNIFY IP66

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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