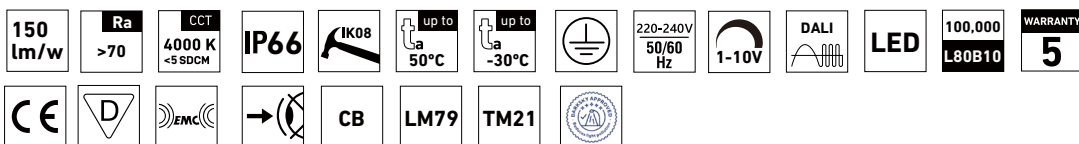


Muller

General Characteristics

- Power selectable & 3 CCT selectable
- The luminaire designed especially for a hot climate country, tested under ambient temperature of 50°C, in IEC60598-2-3 test procedure.
- The unique design allows optimal cooling and self-cleaning structure.
- All outer materials, gaskets and lenses are durable UV radiation of the sun and outdoor conditions in hot countries.
- All corrosion resistant closure hinges in exterior condition can be customized for NSS 1000hrs,1500hrs, 2000hrs, 2500hrs.
- The luminaire complies with vibration resistance requirements.
- The luminaire materials are at least 70% recyclable.
- 5-step MacAdam ellipse, after binning operation per IEC62707.
- Die-cast Aluminum EN AC-44100 with low copper.
- Patented product, with maximum 280W high power and high lumen output.
- NEMA/ZHAGA control system.
- Comprehensive range available in four sizes with extensive optical, lumen and light distribution choice for all road applications.
- Long LED lifespan of 100,000hrs@L80B10.
- Low Risk Group.
- DarkSky approved.



Mechanical

Materials : Die-cast Aluminum EN AC-44100 with low copper
 Lens: Polycarbonate UV resistant
 Glass: Tempered glass
 Installation: Ground /Wall Mounted
 Color: Black RAL9017
 Ingress protection: IP66
 Ingress protection: IK08
 Ambient temperature: -30°C~+50°C

Electrical

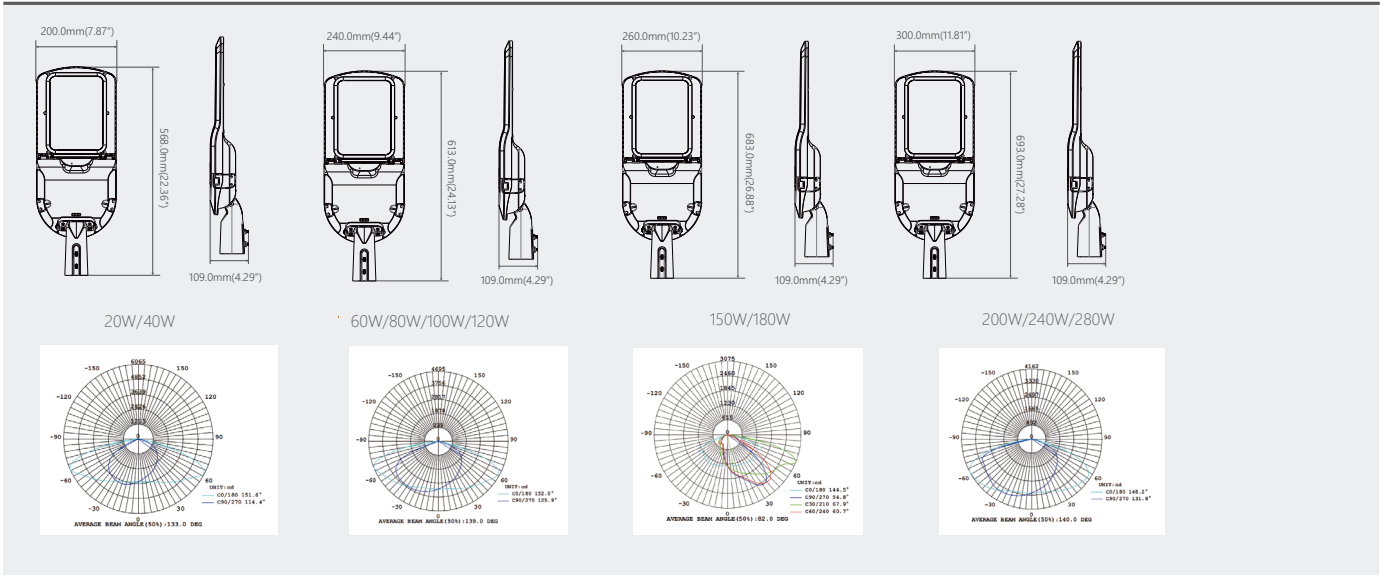
Input: 220-240VAC (50/60Hz)
 Power factor: >0.95
 THD: ≤15%
 Safety class: Class I/Class II
 Surge protection:10KV (L/N OSRAM driver), extra 10KV for light optional

Other control

Sensing: Daylight sensor/MW sensor/Zigbee/NEMA

Application

High way, Bridge, Sea port, Public park, Rural area



Type	Power [W]	Total Flux [lm]	Efficacy [lm/w]	Beam angle [°]	Ta Max.: [°C]	Size [mm]	Net weight [kg]
IL-ST11-D02040-TY2	20.4	3016	147.8	Type II	50	200*568*109	3.51
IL-ST11-D04040-TY2	40.2	5942	147.8	Type II	50	200*568*109	3.51
IL-ST11-D06040-TY2	60.79	9021	148.4	Type II	50	240*613*109	4.08
IL-ST11-D08040-TY2	80.19	11907	148.5	Type II	50	240*613*109	4.08
IL-ST11-D10040-TY2	100.6	14932	148.3	Type II	50	240*613*109	4.15
IL-ST11-D12040-TY2	120.6	17923	148.5	Type II	50	240*613*109	4.40
IL-ST11-D15040-TY2	150.1	22315	148.7	Type II	50	260*683*109	5.1
IL-ST11-D18040-TY2	181.1	26864	148.3	Type II	50	260*683*109	5.2
IL-ST11-D20040-TY2	200.1	29735	148.6	Type II	50	300*693*109	5.5
IL-ST11-D24040-TY2	240.3	35668	148.4	Type II	50	300*693*109	5.6
IL-ST11-D28040-TY2	280.2	41863	149.4	Type II	50	300*693*109	7.2
IL-ST11-D02040-TY3	20.6	3075	149.3	Type III	50	200*568*109	3.51
IL-ST11-D04040-TY3	40.4	6018.9	149	Type III	50	200*568*109	3.51
IL-ST11-D06040-TY3	61.4	9146	149	Type III	50	240*613*109	4.08
IL-ST11-D08040-TY3	82.3	12251	148.9	Type III	50	240*613*109	4.08
IL-ST11-D10040-TY3	101.1	15096	149.2	Type III	50	240*613*109	4.15
IL-ST11-D12040-TY3	120.3	18019	149.8	Type III	50	240*613*109	4.40
IL-ST11-D15040-TY3	150.3	22469	149.4	Type III	50	260*683*109	5.1
IL-ST11-D18040-TY3	180.3	26937	149.3	Type III	50	260*683*109	5.2
IL-ST11-D20040-TY3	200.3	29967	149.5	Type III	50	300*693*109	5.5
IL-ST11-D24040-TY3	240.3	35947	149.6	Type III	50	300*693*109	5.6
IL-ST11-D28040-TY3	280.2	41993	149.8	Type III	50	300*693*109	7.2
IL-ST11-D02040-T3B	20.1	2800	139.3	T3B	50	200*568*109	3.51
IL-ST11-D04040-T3B	40.09	5641	140.7	T3B	50	200*568*109	3.51
IL-ST11-D06040-T3B	59.9	8411	140.4	T3B	50	240*613*109	4.08
IL-ST11-D08040-T3B	80	11211	140.1	T3B	50	240*613*109	4.08
IL-ST11-D10040-T3B	100	14019	140.1	T3B	50	240*613*109	4.15
IL-ST11-D12040-T3B	120	16918	141	T3B	50	240*613*109	4.40
IL-ST11-D15040-T3B	149.8	21000	140.1	T3B	50	260*683*109	5.1
IL-ST11-D18040-T3B	179.8	25200	140.1	T3B	50	260*683*109	5.2
IL-ST11-D20040-T3B	200	28001	140	T3B	50	300*693*109	5.5
IL-ST11-D24040-T3B	240	33621	140.1	T3B	50	300*693*109	5.6
IL-ST11-D28040-T3B	280	39221	140.1	T3B	50	300*693*109	7.2
IL-ST11-D02040-TY4	20.6	3095.1	150.3	Type IV	50	200*568*109	3.51
IL-ST11-D04040-TY4	40.29	6063.4	150.5	Type IV	50	200*568*109	3.51
IL-ST11-D06040-TY4	60.29	9062	150.3	Type IV	50	240*613*109	4.08
IL-ST11-D08040-TY4	80.3	12092	150.6	Type IV	50	240*613*109	4.08
IL-ST11-D10040-TY4	100.4	15086	150.3	Type IV	50	240*613*109	4.15
IL-ST11-D12040-TY4	120.4	18083	150.2	Type IV	50	240*613*109	4.40
IL-ST11-D15040-TY4	150.3	22583	150.3	Type IV	50	260*683*109	5.1
IL-ST11-D18040-TY4	180.3	27141	150.5	Type IV	50	260*683*109	5.2
IL-ST11-D20040-TY4	200.1	30119	150.4	Type IV	50	300*693*109	5.5
IL-ST11-D24040-TY4	240.1	36125	150.4	Type IV	50	300*693*109	5.6
IL-ST11-D28040-TY4	280.2	42007	149.9	Type IV	50	300*693*109	7.2