

Outdoor LED modules

Product description

- Long life-time
- Compliance and approval: CE
- Re-workable push-in terminals enabling easy connection
- Case temperature $T_c = 95^\circ\text{C}$
- Tolerance range for optical and electrical data $\pm 10\%$
- Min. driving current 200mA
- Max. torque for fixing: 0,5Nm



RecLED 122x50mm

Product name	Ordering code	Colour temp.	CRI	SDCM	If nominal [mA]	Tp nominal [°C]	Luminous flux @ If nom & Tp Φ [lm]	Efficiency @ If nom & Tp [lm/W]	Power @ If nom & Tp P [W]	Voltage @ If nom & Tp Vf [V]	Max. current If [mA]
RecLED 122x50mm 1900lm 730 2x4 Opt G1	1010 117 51246	3000K	70	5	520	75	1796	158	11	22	1500
RecLED 122x50mm 1900lm 740 2x4 Opt G1	1010 117 51346	4000K	70	5	520	75	1913	168	11	22	1500
RecLED 122x50mm 1900lm 765 2x4 Opt G1	1010 117 51446	6500K	70	5	520	75	1913	168	11	22	1500

RecLED 173x50mm

Product name	Ordering code	Colour temp.	CRI	SDCM	If nominal [mA]	Tp nominal [°C]	Luminous flux @ If nom & Tp Φ [lm]	Efficiency @ If nom & Tp [lm/W]	Power @ If nom & Tp P [W]	Voltage @ If nom & Tp Vf [V]	Max. current If [mA]
RecLED 173x50mm 2900lm 730 2x6 Opt G1	1010 117 51546	3000K	70	5	520	75	2693	158	17	33	1500
RecLED 173x50mm 2900lm 740 2x6 Opt G1	1010 117 51646	4000K	70	5	520	75	2870	168	17	33	1500
RecLED 173x50mm 2900lm 765 2x6 Opt G1	1010 117 51746	6500K	70	5	520	75	2870	168	17	33	1500

RecLED 224x50mm

Product name	Ordering code	Colour temp.	CRI	SDCM	If nominal [mA]	Tp nominal [°C]	Luminous flux @ If nom & Tp Φ [lm]	Efficiency @ If nom & Tp [lm/W]	Power @ If nom & Tp P [W]	Voltage @ If nom & Tp Vf [V]	Max. current If [mA]
RecLED 224x50mm 3800lm 765 2x8 Opt G1	1010 117 51846	3000K	70	5	520	75	3591	158	23	44	1500
RecLED 224x50mm 3800lm 765 2x8 Opt G1	1010 117 51946	4000K	70	5	520	75	3827	168	23	44	1500
RecLED 224x50mm 3800lm 765 2x8 Opt G1	1010 117 52046	6500K	70	5	520	75	3827	168	23	44	1500

Lumen maintenance simulation based on LM80 LED data

Forward current	Tp temperature	L 70		L80		L90	
		B50	B10	B50	B10	B50	B10
If nom	75°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
	80°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
	85°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
	90°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
	95°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
If max	75°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
	80°C	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
	85°C	>100,000	>100,000	>100,000	>100,000	82,000	77,000
If max	90°C	>100,000	>100,000	>100,000	>100,000	58,000	54,000
	95°C	>100,000	>100,000	>100,000	>100,000	41,000	38,000

