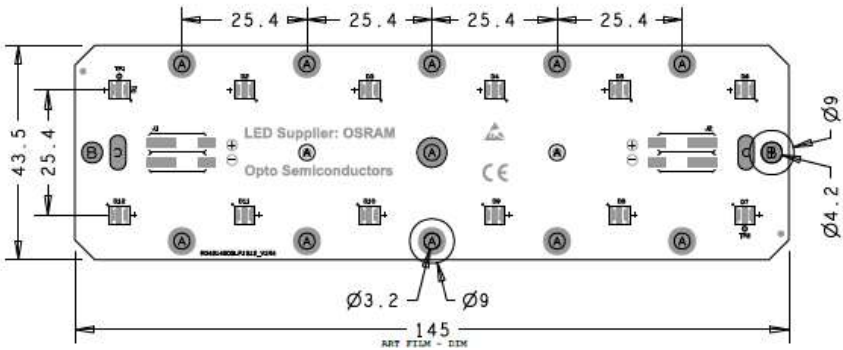


FEATURES OF LED	FEATURES OF LED MODULE
- LED type : OSRAM Oslon Square - LED case: 3.0 mm x 3.0 mm - Viewing angle: 1200 - IEC62471 Biological Eye Safety Test Report - Up to 1800 mA - Thermal resistance (typ.) : 3 K/W - Constant colour binnig - Constant brightness binnig - Constant voltage binning - LM80 test report	- Ideal for park, garden, gas station, Street and tunnel lighting - Low energy consumption, high efficacy and long life - Homogeneous illumination 3 years warranty



Product Code	Color Temperature ¹	Total number of LEDs	Number of parallel strings	Number of LEDs per string	Luminous Flux @ ts = 85 °C (lm) ²		Min.Forward Voltage @ ts = 85 °C (V) ³	Max. forward Voltage @ ts = 85 °C (V) ³	max.Power consumption (W) ³	Colour rendering index (CRI)
Operating mode at 350 mA										
REC-AL1-43X145-SQRx12-30	3000K	12	1	12	1943	2070	32,40	37,20	13,02	≥70
REC-AL1-43X145-SQRx12-40	4000K	12	1	12	2134	2261	32,40	37,20	13,02	≥70
REC-AL1-43X145-SQRx12-65	6500K	12	1	12	2070	2197	32,40	37,20	13,02	≥70
Operating mode at 500 mA										
REC-AL1-43X145-SQRx12-30	3000K	12	1	12	2701	2879	32,40	37,20	18,60	≥70
REC-AL1-43X145-SQRx12-40	4000K	12	1	12	2967	3144	32,40	37,20	18,60	≥70
REC-AL1-43X145-SQRx12-65	6500K	12	1	12	2879	3056	32,40	37,20	18,60	≥70
Operating mode at 700 mA										
REC-AL1-43X145-SQRx12-30	3000K	12	1	12	3663	3903	32,40	37,20	26,04	≥70
REC-AL1-43X145-SQRx12-40	4000K	12	1	12	4023	4263	32,40	37,20	26,04	≥70
REC-AL1-43X145-SQRx12-65	6500K	12	1	12	3903	4143	32,40	37,20	26,04	≥70
Operating mode at 1050 mA										
REC-AL1-43X145-SQRx12-30	3000K	12	1	12	5206	5548	32,40	37,20	39,06	≥70
REC-AL1-43X145-SQRx12-40	4000K	12	1	12	5718	6060	32,40	37,20	39,06	≥70
REC-AL1-43X145-SQRx12-65	6500K	12	1	12	5548	5889	32,40	37,20	39,06	≥70

Note: LED modules are designed for usage with a constant current power supply

¹ 3000K : GW CSSRM3.PM-N3N5-XX57
4000K : GW CSSRM3.PM-N6N8-XX55
6500K : GW CSSRM3.PM-N5N7-XX51
² Tolerance range for optical data ±10%
³ Tolerance range for electrical data ±4%