

Features of LED

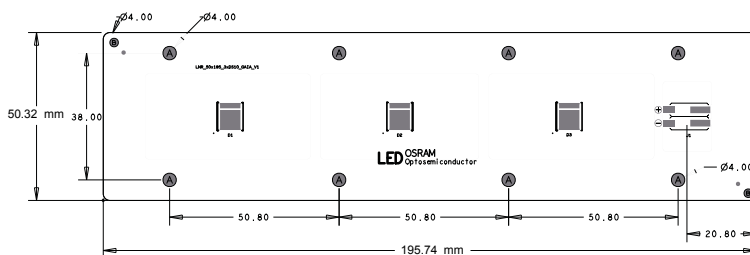
- LED type : OSRAM Duris S10 V1
- LED case: 7.0 mm x 7.0 mm
- Viewing angle: 120°
- IEC62471 Biological Eye Safety Test Report
- Up to 400 mA
- Thermal resistance (typ.) : 2 K/W
- Constant colour binnig
- Constant brightness binnig
- Constant voltage binning

Features of LED Module

- Ideal for park, garden, gas station, street and tunnel lighting
- Low energy consumption, high efficacy and long life
- Homogeneous illumination
- 3 years warranty

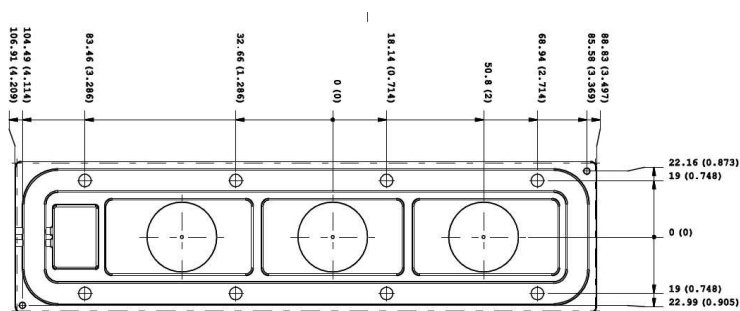
Features of LED

- LED type : OSRAM Duris S10 V2
- LED case: 7.0 mm x 7.0 mm
- Viewing angle: 120°
- IEC62471 Biological Eye Safety Test Report
- Up to 400 mA
- Thermal resistance (typ.) : 1,82 K/W
- Constant colour binnig
- Constant brightness binnig
- Constant voltage binning



Product Code	Color Temperature ¹	Total number of LEDs	Number of parallel strings	Number of LEDs per string	Luminous Flux @ts=25°C (lm) ²	Luminous Flux @ts=45°C (lm) ²	Min.forward Voltage @ts=45°C (V) ³	Max. forward Voltage @ts=25°C (V) ³	Max.Power consumption (W) ³	Colour rendering index (CRI)		
Operating mode at 350 mA												
LNR-195x50-DS10V1x03-30	3000K	3	3	1	3346	4175	3112	3883	25	30,5	32,03	≥ 80
LNR-195x50-DS10V1x03-40	4000K	3	3	1	3346	4175	3112	3883	25	30,5	32,03	≥ 80
LNR-195x50-DS10V1x03-65	6500K	3	3	1	3595	4485	3343	4171	25	30,5	32,03	≥ 80
LNR-195x50-DS10V2x03-30	3000K	3	3	1	4485	5658	4171	5262	35	41	43,05	≥ 80
LNR-195x50-DS10V2x03-40	4000K	3	3	1	4485	5658	4171	5262	35	41	43,05	≥ 80
LNR-195x50-DS10V2x03-65	6500K	3	3	1	4830	6210	4492	5775	35	41	43,05	≥ 80

Related Product - PL0344 + KCLP1900ST Lens



Features of Lens

- Material = PMMA HT - (UHT On Request)
- Full angle at 50% from maximum: ~ 60°
- Full angle at 10% from maximum: ~ 75°
- The light spots here represented refer to tests carried out with
- Multichip LEDs with 6.8mm dome, ~1040lm@LED

Note: The module is designed for usage with a constant current power supply

1 Duris S10 V1	Duris S10 V2
3000K: GW P7LM32.EM-QTRP-XX57	3000K: GW P7LP32.EM-RRRT-XX57
4000K: GW P7LM32.EM-QTRP-XX55	4000K: GW P7LP32.EM-RRRT-XX55
6500K: GW P7LM32.EM-QURQ-XX51	6500K: GW P7LP32.EM-RSRU-XX51
	2 Tolerance range for optical data: ±10 %.
	3 Tolerance range for electrical data ±4 %.