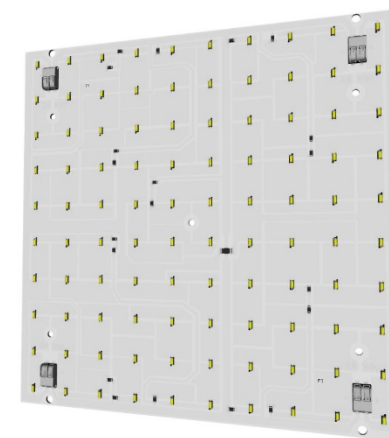


FAMILY TECHNICAL DATASHEET

Product Description

- Panel / Square luminaires applications
- Wide range of color and CRI setups
- Module efficiency up to 130 lm/W
- Direct AC or External Power supply DC options
- Multiple sizes and configurations
- Color Rendering index ranges > 80 and > 90
- Minimal color shift – within 1 ANSI Sub-bin
- Constant light uniformity in series connection
- Push-in wire installation for quick assembly
- Easy fixation – screw openings
- Lifetime estimation at L70F10 > 80 000 hours
- Standard 5 Years Octa Light Warranty



Product Nomenclature name	Color temperature	Type	Typ. Flux @ 25C [Lm]	Typ. Flux @ 65C [Lm]	Drive current [A]	Nominal Forward voltage [V]	Min Vf[V]	Max Vf [V]	Nominal power @ 65C [W]	Efficiency @ 25C [Lm/W], NW 4000K	Efficiency @ 65C [Lm/W], NW 4000K	Lm/W @ 88% PS efficiency	Board Length [mm]	Board Diameter [mm]	Maximal module height [mm]	Octa LED	Color rendering index
OCTL-SMD-ARA-196-DC-8.4-XX-80	3000/4000/5000/5700	DC	1084	1050	0.35	24	22.4	25.6	8.4	129	125	113	196	196	1,6	352	Min 80, Typ 85
OCTL-SMD-ARA-196-DC-12-XX-80	3000/4000/5000/5700	DC	1380	1320	0.50	24	22.4	25.6	12	115	110	101	196	196	1,6	352	Min 80, Typ 85
OCTL-SMD-ARA-250-DC-13-XX-80	3000/4000/5000/5700	DC	1677	1625	0.35	36	33.6	38.4	13	129	125	113	250	250	1,6	573	Min 80, Typ 85
OCTL-SMD-ARA-250-DC-18-XX-80	3000/4000/5000/5700	DC	2070	1980	0.50	36	33.6	38.4	18	115	110	101	250	250	1,6	573	Min 80, Typ 85
OCTL-SMD-ARA-266-DC-10-XX-80	3000/4000/5000/5700	DC	960	920	0.25	45	42.0	48.0	10	96	92	81	250	266	1,6	314	Min 80, Typ 85
OCTL-SMD-ARA-266-AC-10-XX-80	3000/4000/5000/5700	AC	750	720	0.023	230 AC	180 AC	280 AC	10	75	72	X	250	266	1,6	314	Min 80, Typ 85

COMPANY INFORMATION

Octa Light Bulgaria was established in 2010 as a research and manufacturing center for Light Emitting Diodes (LED) and is entirely based in the EU. Octa Light Bulgaria own LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs and innovative AC LED modules. The company manufactures LEDs in in all three base colors - red, green, blue and white, as well as exotic colors as pink, cyan, yellow, purple and other on basis of client requirements. We constantly upgrade our LEDs range to bring highest performance and quality of light sources for today's wide range of lighting applications. The company is also OEM and ODM supplier of LED packages.

Today Octa Light Bulgaria is fully vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires.

Octa Light Bulgaria offers also complete lighting solutions accomplishing a variety of lighting projects with own range of LED luminaires. Further to its core lighting business the company offers Electronic Manufacturing Services (EMS).

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