

## FAMILY TECHNICAL DATASHEET

### Product Description

- Panel / Linear luminaires applications
- Wide Range of color and CRI setups
- Module efficiency up to 132 lm/W @ 250mA And CRI 80
- 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 @ 65C [Lm]	Typ. Flux @ 25C [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 Width [mm]	Maximal module height [mm]	Octa LED	Color rendering index
OCTL-SMD-ZHG-280-DC-7,8-XX-80	3000/4000/5700	DC	1018.5	1060	0.25	31.20	28.20	34.50	7.80	135	132	116	279.7	23.80	1.60	573	Min 80, Typ 85
OCTL-SMD-ZHG-280-DC-9,6-XX-80	3000/4000/5700	DC	1207.5	1260	0.30	32.00	28.80	35.20	9.60	131	127	111	279.7	23.80	1.60	573	Min 80, Typ 85
OCTL-SMD-ZHG-280-DC-11,4-XX-80	3000/4000/5700	DC	1375.5	1438	0.35	32.60	29.40	35.80	11.40	126	121	106	279.7	23.80	1.60	573	Min 80, Typ 85
OCTL-SMD-ZHG-560-DC-15,6-XX-80	3000/4000/5700	DC	1018.5	2121	0.50	31.20	28.20	34.50	15.60	130	126	110	559.4	23.80	1.60	573	Min 80, Typ 85
OCTL-SMD-ZHG-560-DC-19,2-XX-80	3000/4000/5700	DC	1207.5	2520	0.60	32.00	28.80	35.20	19.20	125	121	106	559.4	23.80	1.60	573	Min 80, Typ 85
OCTL-SMD-ZHG-560-DC-22,8-XX-80	3000/4000/5700	DC	1375.5	2877	0.70	32.60	29.40	35.80	22.80	120	115	101	559.4	23.80	1.60	573	Min 80, Typ 85



Product Nomenclature name	Color temperature	Type	Typ. Flux @ 65C [Lm]	Typ. Flux @ 25C [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 Width [mm]	Maximal module height [mm]	Octa LED	Color rendering index
OCTL-SMD-ZHG-280-AC-7,8-XX-80	3000/4000/5700	AC 230 50 Hz	690	966	0.038	230 AC	140 AC	280 AC	6.00	115	112	X	279.7	23.80	1.60	573	Min 80, Typ 83
OCTL-SMD-ZHG-280-AC-9,6-XX-80	3000/4000/5700	AC 230 50 Hz	840	1144	0.029	230 AC	140 AC	280 AC	8.00	105	102	X	279.7	23.80	1.60	573	Min 80, Typ 83
OCTL-SMD-ZHG-280-AC-11,4-XX-80	3000/4000/5700	AC 230 50 Hz	1020	1291	0.023	230 AC	140 AC	280 AC	10.00	102	97	X	279.7	23.80	1.60	573	Min 80, Typ 83
OCTL-SMD-ZHG-560-AC-15,6-XX-80	3000/4000/5700	AC 230 50 Hz	966	1380	0.077	230 AC	140 AC	280 AC	12.00	115	112	X	559.4	23.80	1.60	573	Min 80, Typ 83
OCTL-SMD-ZHG-560-AC-19,2-XX-80	3000/4000/5700	AC 230 50 Hz	1632	1680	0.058	230 AC	140 AC	280 AC	16.00	105	102	X	559.4	23.80	1.60	573	Min 80, Typ 83
OCTL-SMD-ZHG-560-AC-22,8-XX-80	3000/4000/5700	AC 230 50 Hz	2040	2291	0.046	230 AC	140 AC	280 AC	20.00	102	97	X	559.4	23.80	1.60	573	Min 80, Typ 83

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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