



CREO Light.
Light years ahead.



**Architectural Serie
Trimless Matrix
ASMT0303
1x1 2W 700mA WW IP20**

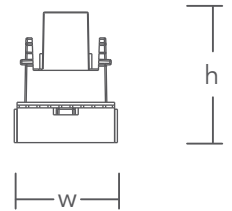


PRODUCT HIGHLIGHTS

- ~ Trimless recessed LED Matrix from the Architectural Serie with consistent colour temperature
- ~ Operates with 700 mA constant current LED driver (driver not included)
- ~ Excellent Colour Rendering (CRI > 80)
- ~ Recommended for public areas such as receptions, lobbies, corridors...
- ~ Simple recessed installation suitable for various ceiling thickness (from 1 mm to 30 mm)
- ~ Uniform light distribution
- ~ Long service lifetime of 25'000 hours
- ~ 2'700 K and 4'000 K versions available upon request
- ~ No UV or IR emissions. No mercury
- ~ Available in white or black

GENERAL CHARACTERISTICS

Product Name	Architectural Serie Trimless Matrix ASMT0303 1x1 2W 700mA WW IP20
Energy Efficiency Label	A
Materials	Body Aluminium
LED Type	COB
LED Quantity	1
Average Lifetime	25'000 hours
Start Time from 0% to 100%	0 sec
Mercury Content	0.0 mg
Ingress Protection	IP20
Dimensions (w x w x h)	38 x 38 x 47 mm
Cut-Out	38 x 38 mm



ELECTRICAL CHARACTERISTICS

System Power	2W
Forward Voltage	3V DC
Forward Current	700 mA

LIGHT CHARACTERISTICS

Product Reference	ASMT0303SP830	ASMT0303FL830	ASMT0303WF830
Luminous Flux	160 lm	160 lm	160 lm
Luminous Efficiency	80 lm/W	80 lm/W	80 lm/W
Luminous Intensity	232 cd	100 cd	72 cd
Beam Angle	12°	34°	48°
Colour Name	Warm White	Warm White	Warm White
Colour Temperature (CCT)	3'000 K	3'000 K	3'000 K
CRI	> 80	> 80	> 80

DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)	DISTANCE (m)	CONE DIAMETER (m)	ILLUMINANCE (lx)
0.5	0.18	928	0.5	0.47	400	0.5	0.48	288
1.0	0.36	232	1.0	0.94	100	1.0	0.95	72
1.5	0.42	103	1.5	1.10	44	1.5	1.11	32
2.0	0.48	58	2.0	1.25	25	2.0	1.27	18
2.5	0.72	37	2.5	1.88	16	2.5	1.91	12
3.0	0.96	26	3.0	2.51	11	3.0	2.54	8