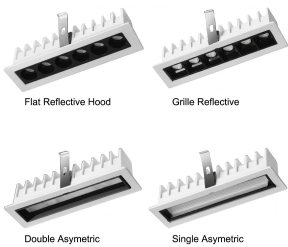
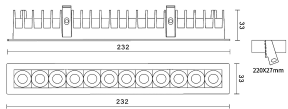


MAEN



Features:

Maen Linear Recessed Downlight die cast aluminum body.

Good quality aluminum housing and special inner construction design to achieve excellent heat dissipation.

High efficiency and uniform lighting, Unique optical and Deep structure design.

Finished with a durable solvent-free powder coating, available in a variety of standard and custom RAL colors (RAL 9004 - RAL 9003 - RAL 9010 - RAL 9016), enabling seamless integration with different architectural and interior design concepts.

The Product has Optical Options; Flat Reflective Hood for Provides uniform and efficient light distribution with high optical efficiency, and Grille Reflector for Anti-glare reflector design that minimizes direct glare and improves visual comfort, Double Asymmetric Reflector for Delivers bi-directional asymmetric light distribution, directing light evenly to both sides of the luminaire, and Single Asymmetric Reflector for Provides one-directional asymmetric light distribution, directing light toward a specific side.

Technical Specifications:

Input Voltage: 220-240 V AC, 50 Hz.

Wattage: 12W

High Lumen: 80lm/W

3 STEP Mac Adam

High efficiency, low flicker driver

Lamp Type: SMD

Chip Brand: Bridgelux / OSRAM

Driver Brand: VS / Tridonic

Operating Temperature: -20°C to 45°C

Glow Wire Test 850° C

Warranty: 5 Years

Life Time: 50,000hrs at ta 25°C (L80/B10)

Fields of Application:

Retail
Galleries hotels
Living spaces
Conference rooms
Counters
Restaurants

Installation Method:

Recessed.

Wattage(W)	:	12					
Finish	:	White(W)	Black(B)	Gray(G)			
Kelvin*	:	2700K	3500K	5000K	4000K	5700K	6500K
Beam Angle	:	36°					
CRI	:	80+	90+				
Driver	:	ON/OFF	Casambi	DALI			

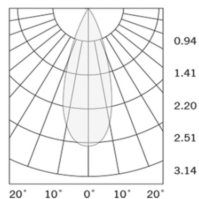
*Special Color & Finish on request

Product Code (96823212):

Wattage	Lumens(lm)	Dimension(LxWxH) mm	Cut out  (mm)
12	960LM	232x232x33	220x27

*Luminous flux value is calculated for 3000K CRI>90, 3 STEP Mac Adam.

Photometric:



Standards

EN 60598-1

EN 60598-2-2

EN 60598-2-22

EN 60598-3-2

EN 60598-3-3

Order Code Ex: 96823212 27K 36D 8 1 W

CCT	Beam Angle	CRI	Driver	Finish
27K - 2700K	36D - 36°	8->80	1 - ON/OFF	W-White
35K - 3500K		9->90	2 - Casambi	B-Black
50K - 5000K			3 - DALI	G-Gray
40K - 4000K				
57K - 5700K				
65K - 6500K				

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at $\pm 5\%$. Unless stated otherwise, the values apply to an ambient temperature of 25°C