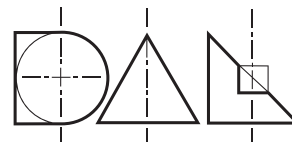


M-FLUX M3-89 - SUMMARY

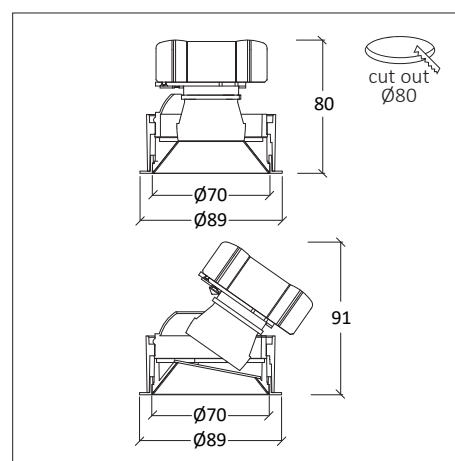
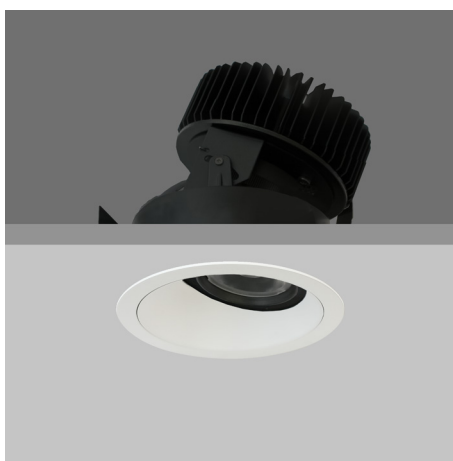


M-FLUX M3 recessed downlighter with standard white ceiling trim and a choice of deep cone reflector finish and beam distribution. The high-quality precision lens and deep cone aluminium reflector gives visual comfort. Driver mounted remotely.

The M-FLUX M3 is easy to install and incorporates the latest, high efficiency LED technology. Colour consistency through life is ensured by state-of-the-art components and passive cooling aluminium heat sinks.

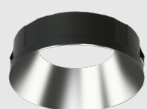
Standard colour temperatures: 2700K, 3000K, 4000K, colour rendering Ra>90 2-step Macadam are all available. Life 50000 hours.

A choice of drivers provide fixed supply or dimming to project requirements. IP20/IP44/IP54 durable, high specification die-cast construction.



LED	Beam Angle	Lumen Source	LED W	CCT	CRI	Macadam	IP Rating
Ultra Narrow Module	10°	700 lm	6W	2700K, 3000K, 4000K	>90	2 step	IP20, IP44, IP54
Narrow Module	15°, 27°, 38°, 52°	1100 lm 1300 lm	9W 11W	2700K, 3000K, 4000K	>90	2 step	IP20, IP44, IP54
Standard Module	21°, 33°, 44°, 54°	1500 lm 1730 lm 1950 lm 2170 lm	9W 11W 13W 15W	2700K, 3000K, 4000K	>90	2 step	IP20, IP44, IP54

Standard Reflector Finishes



Specular Silver



Satin Silver



Black



White



Gold



Bronze

Trim Finish



White



Black

Accessories



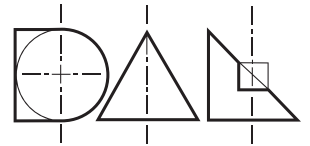
Honeycomb Louvre



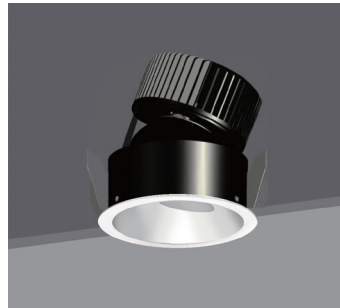
Elliptical Film



Sandblasted Glass



Fixed Round



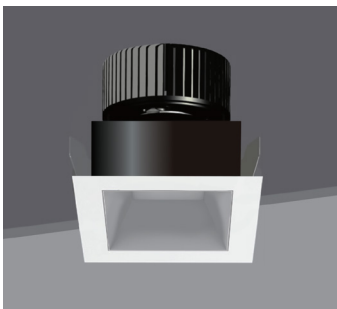
Directional Round



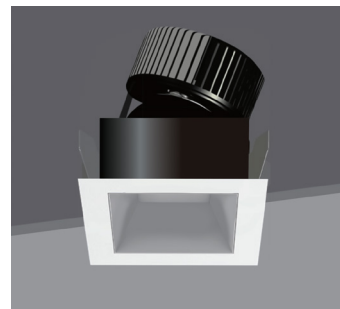
Wallwasher Round



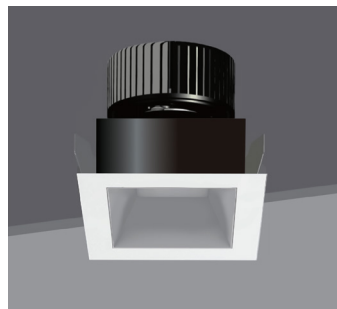
Trimless Round



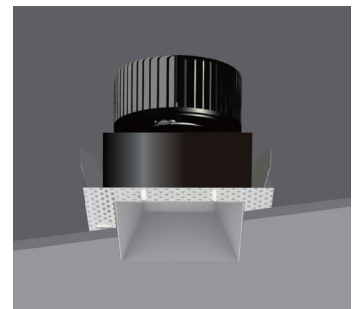
Fixed Square



Directional Square



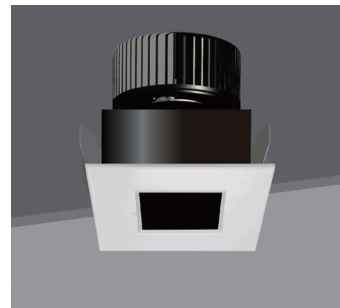
Wallwasher Square



Trimless Square



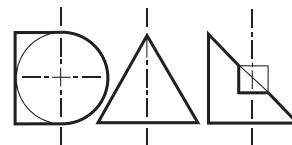
Pinhole Round



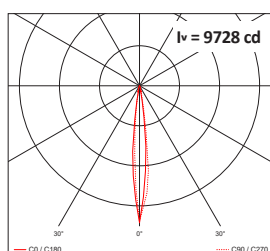
Pinhole Square

PRODUCT CODING EXAMPLE: M3F3133J350R320

Series	Type	Distribution	Reflector Colour	Initial Lumens	LED	Colour Temp	Driver Protocol	Emergency Protocol	Shape	Trim Colour	IP	Accessories
M3	F FIXED A ADJUSTABLE S SINGLE D DOUBLE W WALLWASH	1 1-10° 2 11-20° 3 21-30° 4 31-40° 5 41-50° 6 51-60°	1 SPECULAR SILVER 2 SATIN SILVER 3 BLACK 4 WHITE 5 GOLD 6 BRONZE	07 700 lm 21 2170 lm etc	J CREE	2 2700K 3 3000K 5 4000K	0 NON DIM 1 1-10V 5 DALI 7 LEAD / TRAIL 8 CASAMBI 9 ADDRESSABLE (EMERGENCY)	0 NONE E EMERGENCY	R ROUND S SQUARE	L Trimless 3 Black 4 White	2 IP20 4 IP44 5 IP54	0 NONE 1 HONEYCOMB 2 ELLIPTICAL FILM 3 FROSTED GLASS
M3	F	3	1	31	J	3	5	0	R	3	2	0

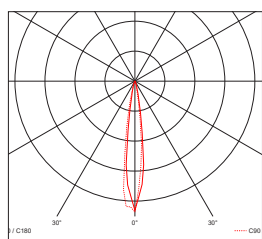


LED	Beam Angle	Lumen Source	Delivered Lumens	LOR	Current	Forward Voltage	LED W	CRI	Macadam
Ultra Narrow Module	10°	700 lm	555 lm	≤ 79%	700mA	9.3V	6W	>90	2 step

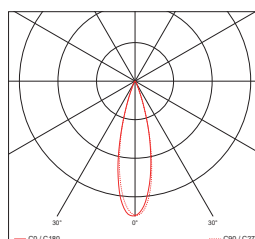


10°	
1	0.19
2	0.38
3	0.56
4	0.75
5	0.94
H(m)	Dia (m)

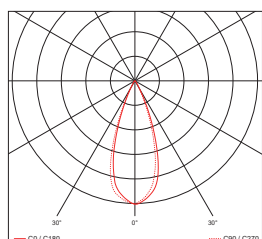
LED	Beam Angle	Lumen Source	Delivered Lumens	LOR	Current	Forward Voltage	LED W	CRI	Macadam
Narrow Module	15°	1100 lm 1300 lm	859 lm 1010 lm	≤ 79%	300mA 350mA	33.4V 32.7V	9W 11W	>90	2 step
	27°	1100 lm 1300 lm	892 lm 1053 lm	≤ 81%	300mA 350mA	33.9V 34.1V	9W 11W	>90	2 step
	38°	1100 lm 1300 lm	908 lm 1078 lm	≤ 83%	300mA 350mA	33.9V 34.2V	9W 11W	>90	2 step
	52°	1100 lm 1300 lm	834 lm 1007 lm	≤ 76%	300mA 350mA	33.5V 33.8V	9W 11W	>90	2 step



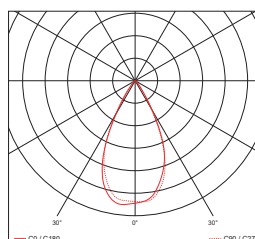
15°	
1	0.24
2	0.49
3	0.73
4	0.97
5	1.23
H(m)	Dia (m)



27°	
1	0.47
2	0.94
3	1.41
4	1.88
5	2.35
H(m)	Dia (m)

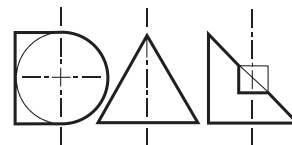


38°	
1	0.68
2	1.36
3	2.04
4	2.71
5	3.39
H(m)	Dia (m)

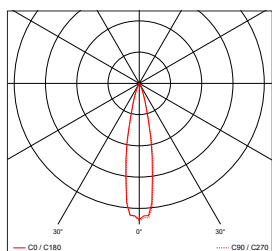


52°	
1	0.96
2	1.92
3	2.88
4	3.84
5	4.80
H(m)	Dia (m)

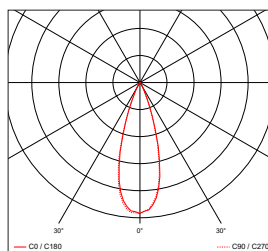
- (1) Height subject to the power module.
 (2) Electrical Data based on 90CRI, 3000K.
 (3) Tolerance range for optical and electrical data: ±10%.



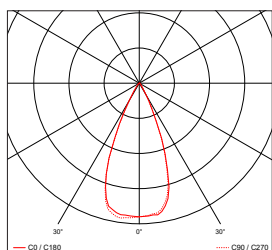
LED	Beam Angle	Lumen Source	Delivered Lumens	LOR	Current	Forward Voltage	LED W	CRI	Macadam
Standard Module	21°	1500 lm 1730 lm 1950 lm 2170 lm	1168 lm 1335 lm 1493 lm 1661 lm	≤ 78%	300mA 350mA 400mA 450mA	33.0V 33.3V 33.7V 34.0V	9W 11W 13W 15W	>90	2 step
	33°	1500 lm 1730 lm 1950 lm 2170 lm	1192 lm 1374 lm 1547 lm 1722 lm	≤ 79%	300mA 350mA 400mA 450mA	33.0V 33.3V 33.7V 34.0V	9W 11W 13W 15W	>90	2 step
	44°	1500 lm 1730 lm 1950 lm 2170 lm	1238 lm 1433 lm 1609 lm 1791 lm	≤ 83%	300mA 350mA 400mA 450mA	33.0V 33.3V 33.7V 34.0V	9W 11W 13W 15W	>90	2 step
	54°	1500 lm 1730 lm 1950 lm 2170 lm	1127 lm 1293 lm 1451 lm 1615 lm	≤ 75%	300mA 350mA 400mA 450mA	33.0V 33.3V 33.7V 34.0V	9W 11W 13W 15W	>90	2 step



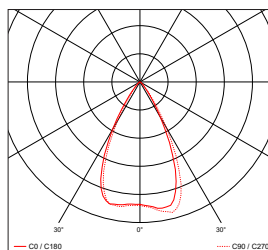
21°	
1	0.37
2	0.75
3	1.12
4	1.49
5	1.86
H(m)	Dia (m)



33°	
1	0.59
2	1.17
3	1.76
4	2.35
5	2.94
H(m)	Dia (m)



44°	
1	0.81
2	1.61
3	2.42
4	3.22
5	4.03
H(m)	Dia (m)



54°	
1	1.06
2	2.12
3	3.19
4	4.25
5	5.31
H(m)	Dia (m)

- (1) Height subject to the power module.
 (2) Electrical Data based on 90CRI, 3000K.
 (3) Tolerance range for optical and electrical data: ±10%.