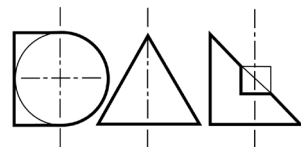
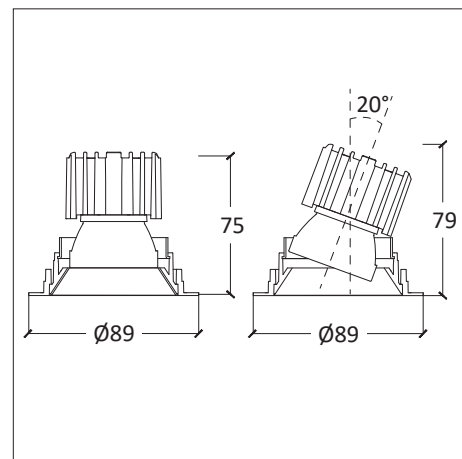
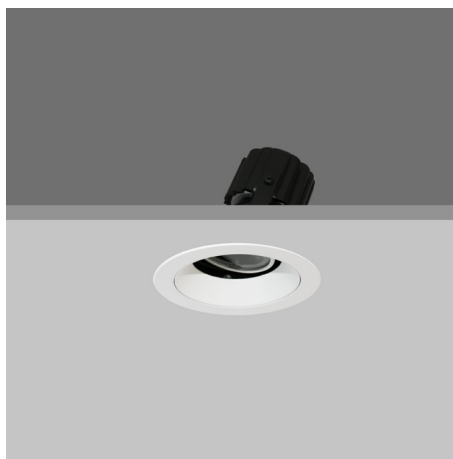


Compact 89 (LED MODULE) SUMMARY



Compact 89 (LED Module) recessed downlighter with standard white ceiling trim and a choice of reflector finish and beam distribution. The high-quality precision optics gives visual comfort. It can be positioned downwards as a fixed downlighter, adjusted for a directional downlighter, and adjusted (wide beam) to perform as a wall wash. The accessory holder allows provision for elliptical film / lens and honeycomb louvre for glare control (optional). A flexible lighting solution for all situations.

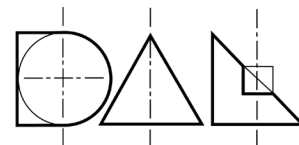
Compact 89 incorporates the latest, high efficiency LED technology, high output, high colour rendering 90 CRI and 2-step colour consistency through life is ensured by state-of-the-art components. Heat sinks are made of passive cooling aluminum. It is easy to install and mains dimmable drivers are mounted remotely.



Light Source	Beam Angle	Lumen Source	LED W	CCT	CRI	Macadam	IP Rating
Led Module	21°, 33°, 44°, 54°	700 lm 900 lm 1100 lm 1300 lm	5W 6W 8W 10W	2700K, 3000K, 4000K	>90	2 step	IP20 IP44

P3F3407J250S420 (PROUDCT CODING EXAMPLE)

Series	Type	Distribution	Reflector Colour	Initial Lumens	LED	Colour Temp	Driver Protocol	Emergency Protocol	Shape	Trim Colour	IP	Accessories
COMPACT89	F FIXED	3 21-30°	1 SPECULAR SILVER	07 700 lm	J CREE	2 2700K	0 NON DIM	0 NONE	R ROUND	L Trimless	2 IP20	0 NONE
	A ADJUSTABLE	4 31-40°	2 SATIN SILVER	09 900 lm	CRI >90	3 3000K	1 1-10V	E EMERGENCY	S SQUARE	3 Black	4 IP44	1 HONEYCOMB
	S Single Wallwash (on request)	5 41-50°	3 BLACK	11 1100 lm	2 STEPS	5 4000K	3 DSI	N Non-maintained		4 White		2 ELLIPTICAL FILM
	D Double Wallwash (on request)	6 51-60°	4 WHITE	13 1300 lm			5 DALI					3 FROSTED GLASS
			5 GOLD				6 POE					
			6 BRONZE				7 LEAD / TRAIL					
			7 COPPER				8 CASAMBI					
			8 SPECTRO SILVER				9 ADDRESSABLE (EMERGENCY)					
P3	F	3	4	07	J	2	5	0	S	4	2	0



Compact 89 Variations



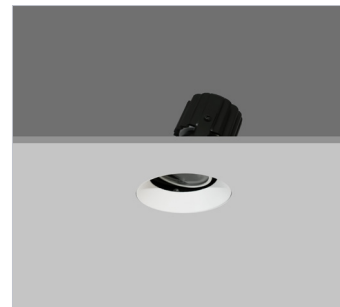
Square Fixed



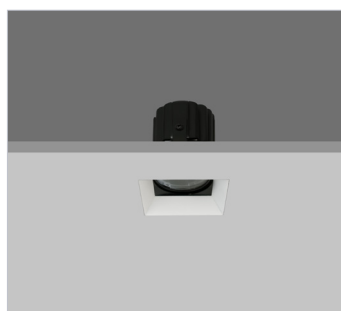
Square Directional



Trimless Round Fixed



Trimless Round Directional



Trimless Square Fixed



Trimless Square Directional

Reflector and Trim Finishes



Black Reflector



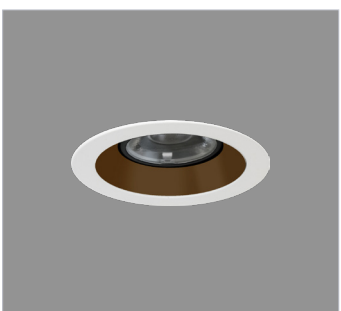
White Reflector



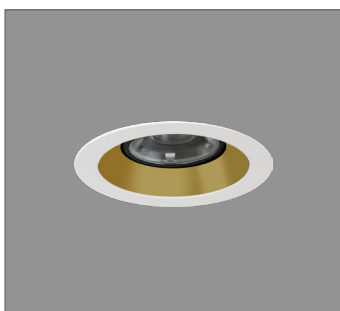
Satin Silver Reflector



Specular Silver Reflector



Bronze Reflector



Gold Reflector

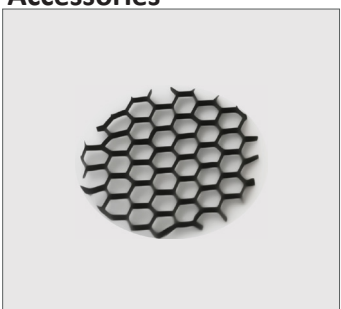


White Trim

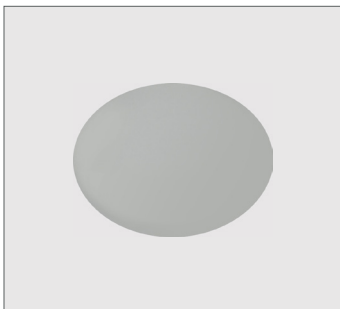


Black Trim

Accessories



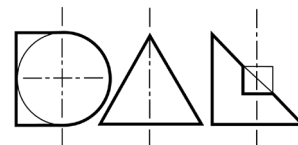
Honeycom Louvre



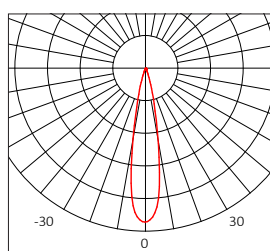
Elliptical Film



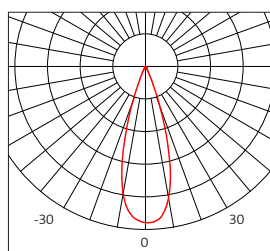
Sandblasted Glass



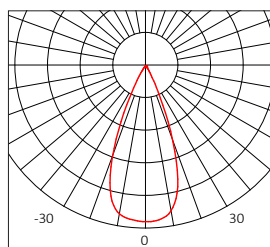
Light Source	Beam Angle	Lumen Source	Delivered Lumens	LOR	Luminous Intensity	Current	Forward Voltage	LED W	CRI	Macadam
LED Module	21°	700 lm	574 lm	≤84%	3611 cd	150mA	31.9V	5W	>90	2 step
		900 lm	743 lm		4686 cd	200mA	32.3V	6W		
		1100 lm	906 lm		5778 cd	250mA	32.7V	8W		
		1300 lm	1086 lm		6868 cd	300mA	33.0V	10W		
	33°	700 lm	593 lm	≤85%	1914 cd	150mA	31.9V	5W	>90	2 step
		900 lm	765 lm		2469 cd	200mA	32.3V	6W		
		1100 lm	936 lm		3017 cd	250mA	32.7V	8W		
		1300 lm	1111 lm		3583 cd	300mA	33.0V	10W		
	44°	700 lm	568 lm	≤84%	1111 cd	150mA	31.9V	5W	>90	2 step
		900 lm	732 lm		1436 cd	200mA	32.3V	6W		
		1100 lm	880 lm		1732 cd	250mA	32.7V	8W		
		1300 lm	1091 lm		2148 cd	300mA	33.0V	10W		
	54°	700 lm	560 lm	≤80%	760 cd	150mA	31.9V	5W	>90	2 step
		900 lm	719 lm		975 cd	200mA	32.3V	6W		
		1100 lm	869 lm		1178 cd	250mA	32.7V	8W		
		1300 lm	1037 lm		1406 cd	300mA	33.0V	10W		



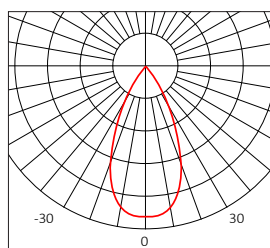
21°		700 lm	900 lm	1100 lm	1300 lm
1	0.33	3596	4667	5778	6840
2	0.67	899	1167	1445	1710
3	1.00	400	519	642	760
4	1.33	225	292	361	428
5	1.67	144	187	231	274
H(m)	Dia (m)	E(lx)	E(lx)	E(lx)	E(lx)



33°		700 lm	900 lm	1100 lm	1300 lm
1	0.58	1913	2468	3016	3583
2	1.16	478	617	754	896
3	1.73	213	274	335	398
4	2.31	120	154	189	224
5	2.89	77	99	121	143
H(m)	Dia (m)	E(lx)	E(lx)	E(lx)	E(lx)



44°		700 lm	900 lm	1100 lm	1300 lm
1	0.78	1110	1434	1732	2147
2	1.55	278	359	433	537
3	2.33	123	159	192	239
4	3.10	69	90	108	134
5	3.88	44	57	69	86
H(m)	Dia (m)	E(lx)	E(lx)	E(lx)	E(lx)



54°		700 lm	900 lm	1100 lm	1300 lm
1	0.95	760	972	1178	1406
2	1.90	190	243	294	352
3	2.85	84	108	131	156
4	3.80	48	61	74	88
5	4.75	30	39	47	56
H(m)	Dia (m)	E(lx)	E(lx)	E(lx)	E(lx)