



Technical Data

TECHNICAL

Total Energy Consumption P _L (W)	Refer LED Performance Guide
Suitable for ceiling thickness	10–30mm
Weights	– Luminaire Body 370gms – Remote Driver 250gms
IEC 60598	– parts 1 and 2 Complies
AS/NZS60598	– parts 1 and 2 Complies
IP Rating	IP20
– with factory fitted Lens accessory	IP65 (from below)
– with site installed Lens accessory	IP54 (from below)
Insulation Class	– 6W & 10W IC-4/IC-F
– (excludes driver)	– 14W & 20W CA90

LED PERFORMANCE GUIDE | KA4 Adjustable Series | Flood Beam Option (8R) 60 degree

Watts (W)	Driver Current (mA)	Colour Temp 2700K 3000K 4000K	Ultra (KA4U)			Excel (KA4X)			Performance (KA4P)			R9 Value		
			Output Lumens			Efficacy Lm/W (delivered)			CRI / STEP SDCM					
			U	X	P	U	X	P	U	X	P	U	X	P
6.2	(1) 150	27	529	588	646	85	95	104	98/2	90/3	80/3	95	56	12
		3	587	631	726	95	102	117	98/2	90/3	80/3	95	56	12
		4	615	661	760	99	107	123	98/2	90/3	80/3	95	56	12
10.5	(2) 250	27	810	902	990	77	86	94	98/2	90/3	80/3	95	56	12
		3	900	968	1112	86	92	106	98/2	90/3	80/3	95	56	12
		4	942	1013	1165	90	96	111	98/2	90/3	80/3	95	56	12
14.2	(3) 350	27	1088	1211	1329	77	85	94	98/2	90/3	80/3	95	56	12
		3	1204	1295	1500	85	91	106	98/2	90/3	80/3	95	56	12
		4	1265	1361	1564	89	96	110	98/2	90/3	80/3	95	56	12
20	(5) 500	27	1467	1632	1792	73	82	90	98/2	90/3	80/3	95	56	12
		3	1631	1754	2016	82	88	101	98/2	90/3	80/3	95	56	12
		4	1705	1834	2108	85	92	105	98/2	90/3	80/3	95	56	12

LED Lifetime hrs L90/B10 > 50,000

* Figures extrapolated / interpolated from data at other currents and may vary + / -2.5%

Output Lumens: Delivered lumen output from luminaires, including thermal, electrical and optical losses

STANDARD DIMMING OPTIONS AVAILABLE

D1	DALI (150–500mA)
D2	O4A DSI (250–500mA)
D3	Analogue Dim 1-10V (250–500mA)
D4	Phase Dim (250–500mA)
D5	O4A Switch Dim (250–500mA)
D6	Push Dim (150–500mA)
D7	O4A DALI (250–500mA)
D9	Cassambi (150–500mA)

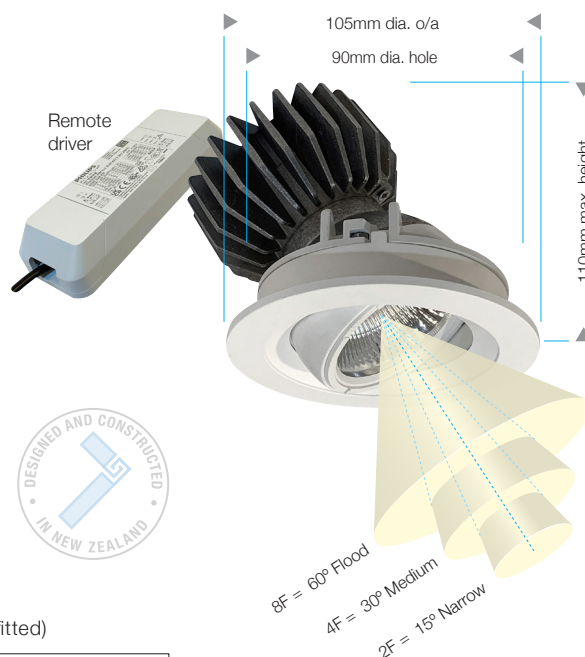
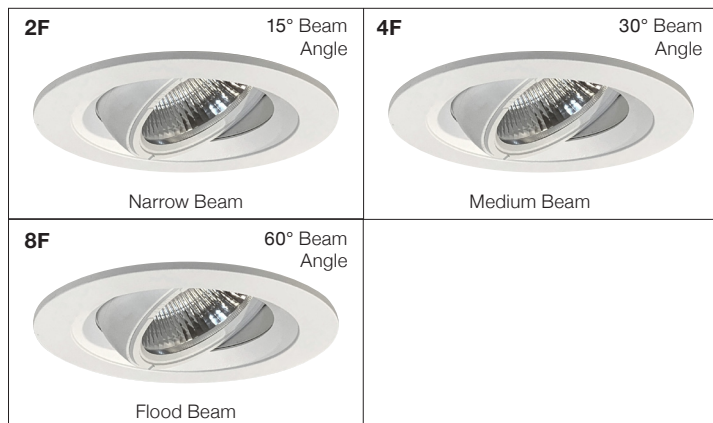
ORDERING CODE FORMAT

Example:	KA	4	X	3	8F	4	D1	P	B
Series Code (A: Adjustable Recessed)									
Model Series Number (4)									
Output (U, X or P)									
Driver Code (See table above)									
Reflector Option (2F, 4F, 8F)									
Colour Temp (27-2700k, 3-3000k, 4-4000k) *									
Dimming option if required (See table adjacent)									
Lens Accessory Code (P=Prismatic, D=Diffusion, C=Clear)									
Colour Option (W=White (default), B=Black, S*-Special)									

* Other colours available on request

Options

REFLECTOR OPTIONS Can be fitted to chassis after installation



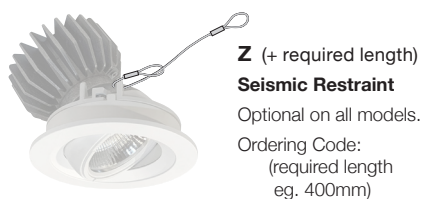
COLOUR OPTIONS

White as standard (default)

W White **B** Black **S*** Special

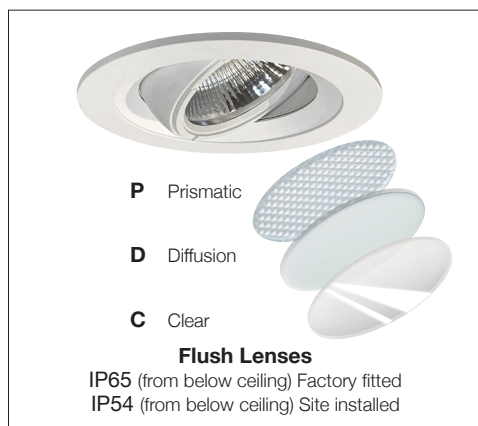
(*Other colours available on request)

PROSPEC OPTIONS (Factory fitted)



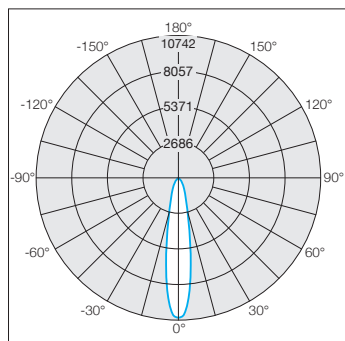
Accessories

LENS ACCESSORIES Can be fitted to chassis after installation



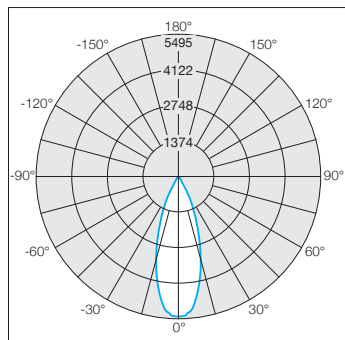
Photometrics

KA4P32F4 Flush Narrow Beam



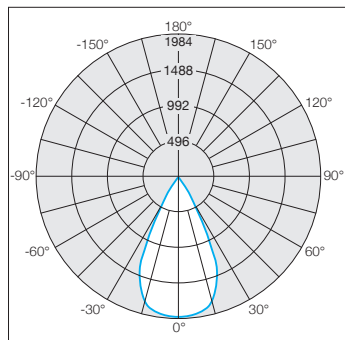
Total Energy Consumption P_t (W) 14.5W
Total Lumen Output 1578 Lm (111Lm/W)
4000k

KA4P34R4 Recessed Medium Beam



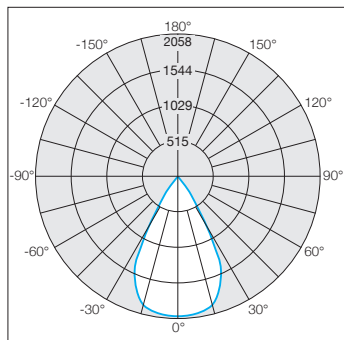
Total Energy Consumption P_t (W) 14.5W
Total Lumen Output 1655 Lm (117Lm/W)
4000k

KA4P38R4P Recessed Prismatic



Total Energy Consumption P_t (W) 14.5W
Total Lumen Output 1480 Lm (104Lm/W)
4000k

KA4P38R4 Recessed Flood Beam



Total Energy Consumption P_t (W) 14.5W
Total Lumen Output 1564 Lm (110Lm/W)
4000k