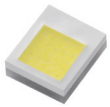


Headlamp Application Series

ALFS H series



1.9 x 1.6 x 0.7

Color	Part No.	Min/Typ (lm)	Current(mA)	VF	Typical Rth K/W	LES (mm2)
White	ALFS1H-C010001H-AM	425 / 450	1000	2.9-3.8	4	1.32
White	ALFS2H-C010001H-AM	850 / 900	1000	5.8-7.6	2.8	2.64
White	ALFS3H-C010001H-AM	1275 / 1350	1000	8.7-11.4	1.8	3.96

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

ALFS J series

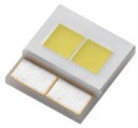


1.9 x 1.6 x 0.75

Color	Part No.	Min/Typ (lm)	Current(mA)	VF	Typical Rth K/W	LES (mm2)
White	ALFS1J-C010001H-AM	400 / 425	1000	2.75-3.5	4	1.19
White	ALFS2J-C010001H-AM	800 / 850	1000	2.75-3.5	3	2.38
White	ALFS3J-C010001H-AM	1200 / 1275	1000	2.75-3.5	2.1	3.57

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

ALFS GT series

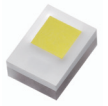


3.5 x 3.2 x 0.64

Color	Part No.	Min/Typ (lm)	Current(mA)	VF	Typical Rth K/W	LES (mm2)
White	ALFS2GT-C010001H-AM	760 / 820	1000	5.8-7.6	1.4	2.38
White	ALFS3GT-C010001H-AM	1180 / 1230	1000	8.7-11.4	1	3.57

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

ALFS E series



1.64 x 1.24 x 0.75

Color	Part No.	Min/Typ (lm)	Current(mA)	VF	Typical Rth K/W	LES (mm2)
White	ALFS1E-C007001H-AM	220 / 255	700	2.9-3.8	4.2	0.58
PC Amber	ALFS1E-PA07001H-AM	120 / 150	700	2.9-3.8	4.2	0.58

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Dual Color



2.9 x 2.4 x 0.85



2.9 x 2.4 x 0.85



3.7 x 3.5 x 0.8

Color	Part No.	Min/Typ (lm)	Test current(mA)	VF	Typical Rth K/W	CCT/ nm
White	ALFS2BD-C0PA7001H-AM	260	700	3-3.5	4.6	5180~6680
PC Amber		160				
White	CH2924-C0PA3501H-AM	100 / 140	350	2.9-3.8	21	5180~6680
PC Amber		50 / 82				
White	3735-C0PA1501H-AM	52 / 58	150	2.75-3.75	16	5180~6680
PC Amber		23 / 29				
White	3735-C0PA2501H-AM	70 / 81	250	1.75-2.75	16	5180~6680
PC Amber		45 / 46				

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

Automotive Exterior Application

2820 Series

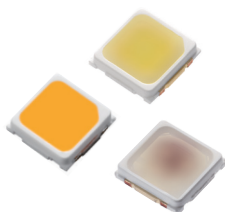


2.0 x 2.75 x 0.6

Color	Part No.	Min/Typ Brightness (mcd)	Test current/Max Current(mA)	VF	CCT/ nm
White	2820-C03501H-AM	130 / 152	350/500	2.75-3.75	5180-6680
White	2820-C02001M-AM	60/75	200/300	2.75-3.75	5180-6680
PC Amber	2820-PA3001H-AM	52 / 60	300/350	1.75-2.75	X:0.57,Y:0.42
Yellow	2820-UY3501H-AM	45 / 50	350/500	1.75-2.75	585-594
Yellow	2820-UY2001M-AM	23/33	200/250	1.75-2.75	585-593
Super Red	2820-SR2001H-AM	17/27	200/250	1.75-2.75	627-639
Super Red	2820-SR3501H-AM	33 / 45	350/500	1.75-2.75	627-636
Red	2820-UR3501H-AM	52 / 70	350/500	1.75-2.75	612-621

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

XI 3030



3.0 x 3.0 x 0.63

Color	Part No.	Min/Typ (lm)	Test current/Max Current(mA)	VF	CCT/ nm
White	XI3030-C03501H-AM	100 / 120	350/500	2.5-3.5	5180-6680
White	XI3030-C01501M-AM	45/50	150/350	2.5-3.5	5180-6680
PC Amber	XI3030-PA3501H-AM	70/83	350/500	2.5-3.5	X:0.58,Y:0.42
PC Amber	XI3030-PA1501M-AM	27/36	150/350	2.25-4.0	X:0.58,Y:0.42
Super Red	XI3030-SR3501H-AM	23 / 33	350/500	1.75-3.0	627-639
Red	XI3030-UR3501H-AM	39 / 61	350/500	1.75-3.0	612-624
Red	XI3030-UR1501H-AM	20/26	150/300	2.0-3.0	612-624

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

PLCC4 Series(67-41)



3.5 x 2.8 x 1.85

Color	Part No.	Min/Typ Brightness (mcd)	Test current/Max Current(mA)	VF	CCT/ nm
White	67-41-C70301H-AM	2240 / 2800	30/60	2.75-3.75	X:0.33,Y:0.34
PC Amber	67-41-PA0601H-AM	2240 / 3500	60/80	2.75-3.75	X:0.57,Y:0.42
Yellow	67-41-UY0501H-AM	1400 / 2240	50/70	1.75-2.75	585-594
Super Red	67-41-SR0501H-AM	1120 / 1500	50/70	1.75-2.5	624-636
Red	67-41-UR0501H-AM	1800 / 2800	50/70	1.75-2.75	612-624
Red	67-41-UR050BH-AM	2800 / 3550	50/70	1.75-2.75	612-627

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A

PLCC6 Series(A09K)



3.3 x 3.4 x 1.8

Color	Part No.	Min/Typ Brightness (mcd)	Test current/Max Current(mA)	VF	CCT/ nm
White	A09K-C71501H-AM	7100 / 12000	150/200	2.5-3.75	X:0.30,Y:0.30
PC Amber	A09K-PA1501H-AM	5600 / 7100		2.5-3.75	X:0.57,Y:0.42
Yellow	A09K-UY1501H-AM	3550 / 5500		1.75-3.0	624-639
Super Red	A09K-SR1501H-AM	2800 / 4500		1.75-2.75	609-624
Red	A09K-UR1501H-AM	4500 / 7500		1.75-2.75	582-589

Electro Optical Characteristics @ Typ current / 25°C
AEC-Q102_Rev_A