

Research and Development

We are closely cooperating with universities and research institutes, making innovations constantly

E-fine Industrial Co., Limited is a professional lighting manufacturer and international trading company in China, especially energy saving lamp(compact fluorescent lamp), LED lamps and halogen lamps etc. It was established in 2005, and we have many years of history in the lighting products. Located in Ningbo, we enjoy convenient water, land and air transportation. Currently, E-fine is already exported to America, Canada, Germany, Italy, The Netherlands, Greece, Spain and 20 other countries and regions. Our company has always focused on research, development and innovation, and has recently developed new technical on led lamps. E-fine will initiate the second phase of our development strategy. Our company regards " reasonable price, efficient production time and good after-sales service" as our tenet. We hope to cooperate with more customers for mutual development and benefits. We welcome potential buyers to contact us.



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LED BULB- ceramic lamp body



Item	wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
A55 bulb	5W	400lm	E27/E26	Ø55x105	>80	>0.6	>140°	AC85-265V	warmwhite/cool white
A60 bulb	7W	600lm	E27/E26	Ø60x113	>80	>0.6	>140°	AC85-265V	warmwhite/cool white
A65 bulb	8.5W	700lm	E27/E26	Ø65x117	>80	>0.6	>140°	AC85-265V	warmwhite/cool white
A65 bulb	10W	800lm	E27/E26	Ø65x122	>80	>0.7	>140°	AC85-265V	warmwhite/cool white
A65 bulb	12W	1000lm	E27/E26	Ø65x122	>80	>0.7	>140°	AC85-265V	warmwhite/cool white

A55 / G55	3W	250lm	E27	Ø55x98	>80	>0.4	>140°	AC85-265V	warmwhite/cool white
G45 opal	3W	250lm	E27	Ø45x78	>80	>0.4	>140°	AC85-265V	warmwhite/cool white
G45 clear	3W	180lm	E27	Ø45x78	>80	>0.4	>140°	AC85-265V	warmwhite/cool white

LED BULB- ceramic lamp body



Item	wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
C35 candle	3W	250lm	E14	Ø37x102	>80	>0.6	>140°	230V/120V	warmwhite/cool white
C35 flame	3W	250lm	E14	Ø37x135	>80	>0.6	>140°	230V/120V	warmwhite/cool white
G45 opal	3W	250lm	E14	Ø45x85	>80	>0.6	>140°	230V/120V	warmwhite/cool white

LED BULB- aluminum lamp body



Item	wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
A55 bulb	7W	470lm	E27/E26	Ø55x108	>80	>0.6	>140°	AC85-265V	warmwhite/cool white
A60 bulb	7W	470lm	E27/E26	Ø60x118	>80	>0.6	>140°	AC85-265V	warmwhite/cool white
A60 bulb	10W	810lm	E27/E26	Ø60x118	>80	>0.6	>140°	AC85-265V	warmwhite/cool white
A60 bulb	12W	1000lm	E27/E26	Ø60x122	>80	>0.7	>140°	AC85-265V	warmwhite/cool white

C35 candle	3W	250lm	E14	Ø37x105	>80	>0.7	>140°	230V/120V	warmwhite/cool white
C35 candle	4W	300lm	E14	Ø37x105	>80	>0.7	>140°	230V/120V	warmwhite/cool white
C35 candle	5W	380lm	E14	Ø37x105	>80	>0.4	>140°	230V/120V	warmwhite/cool white
C35 flame	3W	250lm	E14	Ø37x138	>80	>0.4	>140°	230V/120V	warmwhite/cool white
C35 flame	4W	300lm	E14	Ø37x138	>80	>0.4	>140°	230V/120V	warmwhite/cool white
C35 flame	5W	380lm	E14	Ø37x138	>80	>0.4	>140°	230V/120V	warmwhite/cool white
G45 globe	3W	250lm	E14	Ø45x85	>80	>0.4	>140°	230V/120V	warmwhite/cool white
G45 globe	4W	300lm	E14	Ø45x85	>80	>0.4	>140°	230V/120V	warmwhite/cool white

G4 & G9 - ceramic lamp body



Item	wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
G9 bulb	2.5W	200lm	G9	Ø18x60	>80	>0.3	>120°	230V/120V	warmwhite/cool white
G4 bulb	2.5W	200lm	G4	Ø18x51	>80	>0.7	>120°	AC/DC6-17V	warmwhite/cool white

G4 & G9 - plastic lamp body



Item	wattage	Luminous Flux	Base	size(mm)	CRI	LED qty.	LED type	Voltage	Color temp.(K)
G9 bulb	3W	240lm	G9	Ø26x63	>80	48pcs	3528 SMD	230V/120V	warmwhite/cool white
G9 bulb	3.5W	300lm	G9	Ø26x63	>80	24pcs	5050 SMD	230V/120V	warmwhite/cool white
G9 bulb	4.5W	400lm	G9	Ø26x63	>80	27pcs	5050 SMD	230V/120V	warmwhite/cool white
G4 bulb	1.5W	100lm	G4	Ø11x38	>80	9pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	3W	200lm	G4	Ø15x42	>80	18pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	3.5W	260lm	G4	Ø17x44	>80	21pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white

G4 flat - plastic lamp body



Item	wattage	Luminous Flux	Base	size(mm)	CRI	LED qty.	LED type	Voltage	Color temp.(K)
G4 bulb	1.2W	80lm	G4	Ø25x35	>80	6pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	1.8W	140lm	G4	Ø28x35	>80	9pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	2W	160lm	G4	Ø30x41	>80	10pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	2.4W	200lm	G4	Ø30x41	>80	12pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	3W	250lm	G4	Ø35x44	>80	15pcs	5050 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	1W	80lm	G4	Ø25x32	>80	18pcs	3528 SMD	AC/DC6-17V	warmwhite/cool white
G4 bulb	1.2W	100lm	G4	Ø31x39	>80	24pcs	3528 SMD	AC/DC6-17V	warmwhite/cool white

SPOT 5630 SMD- aluminum lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-9-5630SMD 5W	350lm	GU10	Ø50x57	>80	>0.5	>110°	AC85-265V	warmwhite/cool white
MR16-9-5630SMD 5W	350lm	MR16	Ø50x47	>80	>0.5	>110°	AC/DC6-17V	warmwhite/cool white
GU10-12-5630SMD 6W	500lm	GU10	Ø50x57	>80	>0.5	>110°	AC85-265V	warmwhite/cool white
MR16-12-5630SMD 6W	500lm	MR16	Ø50x47	>80	>0.5	>110°	AC/DC6-17V	warmwhite/cool white

SPOT 3528 SMD- aluminum lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-70-3528SMD 5W	500lm	GU10	Ø50x57	>80	>0.5	>110°	AC85-265V	warmwhite/cool white
MR16-70-3528SMD 5W	500lm	MR16	Ø50x53	>80	>0.5	>110°	AC/DC6-17V	warmwhite/cool white
E14-70-3528SMD 5W	500lm	E14	Ø50x75	>80	>0.5	>110°	AC85-265V	warmwhite/cool white

SPOT COB- aluminum lamp body



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10 COB	6W	380lm	GU10	Ø50x57	>80	>0.5	38°	AC85-265V	warmwhite/cool white
MR16 COB	6W	380lm	MR16	Ø50x53	>80	>0.5	38°	AC/DC6-17V	warmwhite/cool white
E14 COB	6W	380lm	E14	Ø50x75	>80	>0.5	38°	AC85-265V	warmwhite/cool white

SPOT COB- aluminum lamp body



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10 COB	6W	380lm	GU10	Ø50x57	>80	>0.5	38°	AC85-265V	warmwhite/cool white
MR16 COB	6W	380lm	MR16	Ø50x53	>80	>0.5	38°	AC/DC6-17V	warmwhite/cool white
E14 COB	6W	380lm	E14	Ø50x75	>80	>0.5	38°	AC85-265V	warmwhite/cool white
E27 COB	6W	380lm	E27	Ø50x75	>80	>0.5	38°	AC85-265V	warmwhite/cool white

LED high power - aluminum lamp body



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10 3X1W	4W	220lm	GU10	Ø50x57	>80	>0.5	38°	AC85-265V	warmwhite/cool white
MR16 3X1W	4W	220lm	MR16	Ø50x52	>80	>0.5	38°	AC/DC6-17V	warmwhite/cool white
E14 3X1W	4W	220lm	E14	Ø50x72	>80	>0.5	38°	AC85-265V	warmwhite/cool white
E27 3X1W	4W	220lm	E27	Ø50x72	>80	>0.5	38°	AC85-265V	warmwhite/cool white
GU10 4X1W	5W	300lm	GU10	Ø50x57	>80	>0.5	38°	AC85-265V	warmwhite/cool white
MR16 4X1W	5W	300lm	MR16	Ø50x52	>80	>0.5	38°	AC/DC6-17V	warmwhite/cool white
E14 4X1W	5W	300lm	E14	Ø50x72	>80	>0.5	38°	AC85-265V	warmwhite/cool white
E27 4X1W	5W	300lm	E27	Ø50x72	>80	>0.5	38°	AC85-265V	warmwhite/cool white

LED high power- aluminum lamp body



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10 4X2W	7W	400lm	GU10	Ø50x75	>80	>0.5	38°	AC85-265V	warmwhite/cool white
MR16 4X2W	7W	400lm	MR16	Ø50x72	>80	>0.5	38°	AC/DC6-17V	warmwhite/cool white

SPOT 5050 SMD- aluminum lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-21-5050SMD 4W	300lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-21-5050SMD 4W	300lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-21-5050SMD 4W	300lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-21-5050SMD 4W	300lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white
GU10-24-5050SMD 4.5W	360lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-24-5050SMD 4.5W	360lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-24-5050SMD 4.5W	360lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-24-5050SMD 4.5W	360lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white

SPOT 5050 SMD- plastic lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-21-5050SMD 4W	300lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-21-5050SMD 4W	300lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-21-5050SMD 4W	300lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-21-5050SMD 4W	300lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white
GU10-15-5050SMD 3W	200lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-15-5050SMD 3W	200lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-15-5050SMD 3W	200lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-15-5050SMD 3W	200lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white

SPOT 3528 SMD- glass lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-48-3528SMD 2.4W	160lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-48-3528SMD 2.4W	160lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-48-3528SMD 2.4W	160lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-48-3528SMD 2.4W	160lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white
GU10-60-3528SMD 3W	220lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-60-3528SMD 3W	220lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-60-3528SMD 3W	220lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-60-3528SMD 3W	220lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white

SPOT 5050 SMD- glass lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-21-5050SMD 4W	300lm	GU10	Ø50x54	>80	>0.2	>110°	230V/110V	warmwhite/cool white
MR16-21-5050SMD 4W	300lm	MR16	Ø50x47	>80	>0.2	>110°	AC/DC6-17V	warmwhite/cool white
E14-21-5050SMD 4W	300lm	E14	Ø50x73	>80	>0.2	>110°	230V/110V	warmwhite/cool white
E27-21-5050SMD 4W	300lm	E27	Ø50x70	>80	>0.2	>110°	230V/110V	warmwhite/cool white
GU10-15-5050SMD 3W	200lm	GU10	Ø50x54	>80	>0.2	>110°	230V/110V	warmwhite/cool white
MR16-15-5050SMD 3W	200lm	MR16	Ø50x47	>80	>0.2	>110°	AC/DC6-17V	warmwhite/cool white
E14-15-5050SMD 3W	200lm	E14	Ø50x73	>80	>0.2	>110°	230V/110V	warmwhite/cool white
E27-15-5050SMD 3W	200lm	E27	Ø50x70	>80	>0.2	>110°	230V/110V	warmwhite/cool white

SPOT 5050 SMD- aluminum lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-21-5050SMD 4W	300lm	GU10	Ø50x54	>80	>0.2	>110°	230V/110V	warmwhite/cool white
MR16-21-5050SMD 4W	300lm	MR16	Ø50x47	>80	>0.2	>110°	AC/DC6-17V	warmwhite/cool white
E14-21-5050SMD 4W	300lm	E14	Ø50x73	>80	>0.2	>110°	230V/110V	warmwhite/cool white
E27-21-5050SMD 4W	300lm	E27	Ø50x70	>80	>0.2	>110°	230V/110V	warmwhite/cool white
GU10-15-5050SMD 3W	200lm	GU10	Ø50x54	>80	>0.2	>110°	230V/110V	warmwhite/cool white
MR16-15-5050SMD 3W	200lm	MR16	Ø50x47	>80	>0.2	>110°	AC/DC6-17V	warmwhite/cool white
E14-15-5050SMD 3W	200lm	E14	Ø50x73	>80	>0.2	>110°	230V/110V	warmwhite/cool white
E27-15-5050SMD 3W	200lm	E27	Ø50x70	>80	>0.2	>110°	230V/110V	warmwhite/cool white

SPOT 3528 SMD- aluminum lamp body



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle	Voltage	Color temp.(K)
GU10-48-3528SMD 2.4W	180lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-48-3528SMD 2.4W	180lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-48-3528SMD 2.4W	180lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-48-3528SMD 2.4W	180lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white
GU10-60-3528SMD 3W	260lm	GU10	Ø50x54	>80	>0.3	>110°	230V/110V	warmwhite/cool white
MR16-60-3528SMD 3W	260lm	MR16	Ø50x47	>80	>0.3	>110°	AC/DC6-17V	warmwhite/cool white
E14-60-3528SMD 3W	260lm	E14	Ø50x73	>80	>0.3	>110°	230V/110V	warmwhite/cool white
E27-60-3528SMD 3W	260lm	E27	Ø50x70	>80	>0.3	>110°	230V/110V	warmwhite/cool white

LED R50&R63- aluminum lamp body



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	LED	Beam Angle	Voltage	Color temp.(K)
R39	3W	250lm	E14	Ø39x72	>80	6pcs 5630	120°	230V/120V	warmwhite/cool white
R50	5W	350lm	E14	Ø50x88	>80	9pcs 5630	120°	AC85-265V	warmwhite/cool white
R63	7W	540lm	E14	Ø63x108	>80	16pcs 5630	120°	AC85-265V	warmwhite/cool white

LED R50&R63- ceramic lamp body



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	LED	Beam Angle	Voltage	Color temp.(K)
R39	3.6W	250lm	E14	Ø39x65	>80	18pcs 2835	120°	230V/120V	warmwhite/cool white
R50	4.5W	350lm	E14	Ø50x86	>80	22pcs 2835	120°	230V/120V	warmwhite/cool white
R63	6W	480lm	E14	Ø63x106	>80	12pcs 5630	120°	230V/120V	warmwhite/cool white

LED PAR lamp



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	LED	Beam Angle	Voltage	Color temp.(K)
PAR20	1.8W	100lm	E27	Ø63x81	>80	30pcs	30°	230V/120V	warmwhite/cool white
PAR20	2.2W	130lm	E27	Ø63x81	>80	36pcs	30°	230V/120V	warmwhite/cool white
PAR30	2.2W	150lm	E27	Ø95x90	>80	36pcs	30°	230V/120V	warmwhite/cool white
PAR30	3W	210lm	E27	Ø95x90	>80	60pcs	30°	230V/120V	warmwhite/cool white
PAR38	3.5W	250lm	E27	Ø122x133	>80	72pcs	30°	230V/120V	warmwhite/cool white
PAR38	5W	400lm	E27	Ø122x133	>80	120pcs	30°	230V/120V	warmwhite/cool white

LED PAR lamp



Item	Wattage	Luminous Flux	Base	size(mm)	CRI	LED	Beam Angle	Voltage	Color temp.(K)
PAR20	6W	320lm	E27	Ø63x75	>80	3x2W	38°	AC85-265V	warmwhite/cool white
PAR30	6W	320lm	E27	Ø80x94	>80	5x1W	30°45°	AC85-265V	warmwhite/cool white
PAR30	8W	480lm	E27	Ø80x94	>80	7x1W	30°45°	AC85-265V	warmwhite/cool white
PAR38	10W	600lm	E27	Ø120x130	>80	9x1W	30°45°	AC85-265V	warmwhite/cool white
PAR38	13W	800lm	E27	Ø120x130	>80	12x1W	30°45°	AC85-265V	warmwhite/cool white

LED BULB- DIMMABLE



Item	wattage	CRI	Base	size(mm)	Luminous Flux	PF	Beam Angle
A60 bulb	7W	>80	E27/E26	Ø60x113	600lm	>0.7	>140°
A65 bulb	8.5W	>80	E27/E26	Ø65x117	700lm	>0.7	>140°
A65 bulb	10W	>80	E27/E26	Ø65x122	800lm	>0.7	>140°
A65 bulb	12W	>80	E27/E26	Ø65x122	1000lm	>0.7	>140°



Item	wattage	CRI	Base	size(mm)	Luminous Flux	PF	Beam Angle
A60 bulb	7W	>80	E27/E26	Ø60x118	470lm	>0.7	>140°
A60 bulb	10W	>80	E27/E26	Ø60x118	810lm	>0.7	>140°
A60 bulb	12W	>80	E27/E26	Ø60x122	1000lm	>0.7	>140°

LED SPOT- DIMMABLE



Item	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle
GU10-9-5630SMD 5W	350lm	GU10	Ø50x57	>80	>0.5	>110°
GU10-12-5630SMD 6W	500lm	GU10	Ø50x57	>80	>0.5	>110°
GU10-70-3528SMD 5W	500lm	GU10	Ø50x57	>80	>0.5	>110°



Item	wattage	Luminous Flux	Base	size(mm)	CRI	PF	Beam Angle
GU10 3X1W	4W	220lm	GU10	Ø50x57	>80	>0.5	38°
GU10 4X1W	5W	300lm	GU10	Ø50x57	>80	>0.5	38°
GU10 COB	6W	380lm	GU10	Ø50x57	>80	>0.5	38°