

LED SOLAR GARDEN LAMPS(LED太阳能庭院灯)



MN-LL-05001



MN-LL-05001P

Item No.	MN-LL-05001	MN-LL-05001P
Solar panel	0.9W	0.9W
LED power	0.5W*1pc	0.5W*1pc
Voltage	3.6V DC	3.6V DC
Battery	Ni-MH 3*AA 1000mAh	Ni-MH 3*AA 1000mAh
Working time	8 hours	8 hours
Charging time	4-6 hours	4-6 hours
Material	Stainless steel	Stainless steel
Safety type	IP44	IP44
Item size(mm)	φ220*600	φ220*660
Color box(mm)	225*225*605	225*225*605
Q'ty/ctn(pcs)	6	6
Master carton(mm)	695*470*625	695*470*525
20'/40'/40'H(pcs)	822/1704/1998	978/2028/2376



MN-LL-05002



MN-LL-05002T

Item No.	MN-LL-05002	MN-LL-05002T
Solar panel	0.9W	0.9W
LED power	0.5W*1pc	0.5W*1pc
Voltage	3.6V DC	3.6V DC
Battery	Ni-MH 3*AA 1000mAh	Ni-MH 3*AA 1000mAh
Working time	8 hours	8 hours
Charging time	4-6 hours	4-6 hours
Material	Stainless steel	Stainless steel
Safety type	IP44	IP44
Item size(mm)	φ170*600	φ124*615
Color box(mm)	170*170*605	130*130*620
Q'ty/ctn(pcs)	6	6
Master carton(mm)	530*360*625	410*280*640
20'/40'/40'H(pcs)	1404/2916/3420	2286/4734/5550



MN-LL-05003



MN-LL-05003P

Item No.	MN-LL-05003	MN-LL-05003P
Solar panel	0.9W	0.9W
LED power	0.5W*1pc	0.5W*1pc
Voltage	3.6V DC	3.6V DC
Battery	Ni-MH 3*AA 1000mAh	Ni-MH 3*AA 1000mAh
Working time	8 hours	8 hours
Charging time	4-6 hours	4-6 hours
Material	Stainless steel	Stainless steel
Safety type	IP44	IP44
Item size(mm)	φ155*615	φ155*660
Color box(mm)	160*160*620	160*160*525
Q'ty/ctn(pcs)	6	6
Master carton(mm)	500*340*640	500*340*545
20'/40'/40'H(pcs)	1542/3198/3750	1812/3756/4398



MN-LL-15003



MN-LL-25003

Item No.	MN-LL-15003	MN-LL-25003
Solar panel	3W	4W
LED power	1.5W 16pcs	2.5W 24pcs
Voltage	3.6V DC	3.6V DC
Battery	Ni-MH 3*AA 2000mAh	Li-ion 6000mAh
Working time	8 hours	8 hours
Charging time	4-6 hours	4-6 hours
Material	Stainless steel	Stainless steel
Safety type	IP44	IP44
Item size(mm)	φ260*610	φ280*610
Color box(mm)	265*265*615	160*160*525
Q'ty/ctn(pcs)	4	4
Master carton(mm)	550*550*635	285*285*615
20'/40'/40'H(pcs)	592/1224/1436	504/1048/1228



MN-LL-15004



MN-LL-25004

Item No.	MN-LL-15004	MN-LL-25004
Solar panel	3W	4W
LED power	1.5W 16pcs	2.5W 24pcs
Voltage	3.6V DC	3.6V DC
Battery	Ni-MH 3*AA 2000mAh	Li-ion 6000mAh
Working time	8 hours	8 hours
Charging time	4-6 hours	4-6 hours
Material	Stainless steel	Stainless steel
Safety type	IP44	IP44
Item size(mm)	φ260*610	φ280*610
Color box(mm)	265*265*615	160*160*525
Q'ty/ctn(pcs)	4	4
Master carton(mm)	550*550*635	285*285*615
20'/40'/40'H(pcs)	592/1224/1436	504/1048/1228



MN-WL-05001



MN-WL-05002



MN-LL-05004

Item No.	MN-WL-05001	MN-WL-05002	MN-LL-05004
Solar panel	0.9W	0.9W	0.9W
LED power	0.5W*1pc	0.5W*1pc	0.5W*1pc
Voltage	3.6V DC	3.6V DC	2.4V DC
Battery	Ni-MH 3*AA 1000mAh	Ni-MH 3*AA 1000mAh	Ni-MH 2*AA 1000mAh
Working time	8 hours	8 hours	8 hours
Charging time	4-6 hours	4-6 hours	4-6 hours
Material	Stainless steel	Stainless steel	Stainless steel
Safety type	IP44	IP44	IP44
Item size(mm)	φ220*260*345	φ220*260*345	φ220*305
Color box(mm)	225*265*350	225*265*350	225*225*310
Q'ty/ctn(pcs)	8	8	8
Master carton(mm)	470*550*720	470*550*720	470*470*640
20'/40'/40'H(pcs)	1200/2488/2920	1200/2488/2920	1584/3280/3840

LED SOLAR GARDEN LAMPS (LED太阳能草坪灯)



MN-LL-01

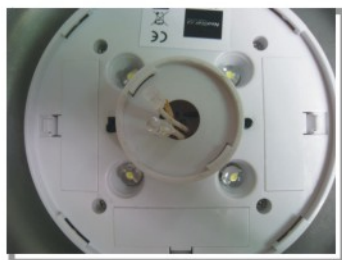


MN-LL-03



MN-LL-02




LED SOLAR GARDEN LAMPS (LED太阳能草坪灯)



LED solar garden light with PIR sensor Series1

			Item No.	MN-LL-01S	MN-LL-01SW	MN-LL-01SS
			Solar panel	0.5W	0.5W	0.5W
			LED Q'ty	13pcs	13pcs	13pcs
			Voltage	DC 3.2V	DC 3.2V	DC 3.2V
			Battery	500mAh Li-ion	500mAh Li-ion	500mAh Li-ion
			Working time	>10 hours	>10 hours	>10 hours
			Charging time	6 hours	6 hours	6 hours
			Material	Stainless steel	Stainless steel	Stainless steel
			Safety type	IP44	IP44	IP44
			Item size(mm)	φ 130*550	φ 130*200	φ 130*400
			Color box(mm)	150*150*600	205*150*170	205*150*170
			Q'ty/ctn(pcs)	6	6	6
			Master carton(mm)	470*320*630	430*470*370	430*470*370
			20'/40'/40'H(pcs)	1770/3672/4302	2238/4638/5436	2238/4638/5436
MN-LL-01S	MN-LL-01SW	MN-LL-01SS	One LED light all night, PIR sensor trigger on full lit when people close			

LED solar garden light with PIR sensor Series2

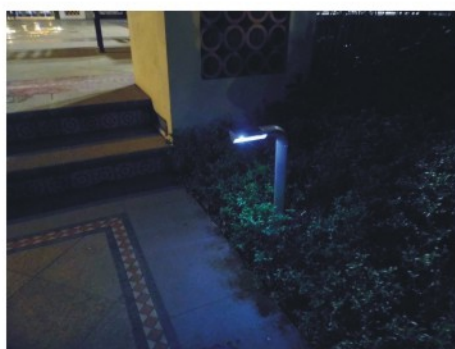
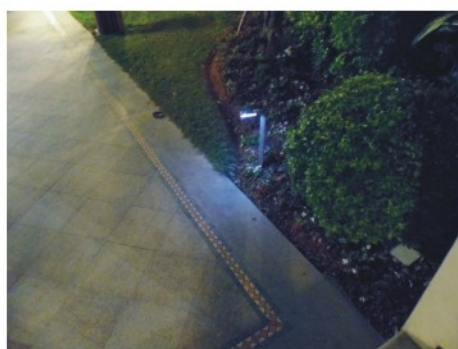
			Item No.	MN-LL-02S	MN-LL-02SW	MN-LL-02SS
			Solar panel	0.45W	0.45W	0.45W
			LED Q'ty	9pcs	9pcs	9pcs
			Voltage	DC 3.6V	DC 3.6V	DC 3.6V
			Battery	800mAh 3*AA Ni-MH	800mAh 3*AA Ni-MH	800mAh 3*AA Ni-MH
			Working time	>10 hours	>10 hours	>10 hours
			Charging time	6 hours	6 hours	6 hours
			Material	Stainless steel	Stainless steel	Stainless steel
			Safety type	IP44	IP44	IP44
			Item size(mm)	φ 155*570	φ 155*300	φ 155*660
			Color box(mm)	190*190*600	205*205*215	205*205*215
			Q'ty/ctn(pcs)	4	4	4
			Master carton(mm)	400*400*620	220*425*450	220*425*450
			20'/40'/40'H(pcs)	1128/2336/2740	2664/5520/6476	2664/5520/6476
MN-LL-02S	MN-LL-02SW	MN-LL-02SS	One LED light all night, PIR sensor trigger on full lit when people close			

LED solar garden light with remote control function Series3

			Item No.	MN-LL-03S	MN-LL-03SW	MN-LL-03SS
			Solar panel	1W with remote control function	1W with remote control function	1W with remote control function
			LED Q'ty	4pcs white color LED& 1pcs RGB	4pcs white color LED& 1pcs RGB	4pcs white color LED& 1pcs RGB
			Voltage	DC 3.6V	DC 3.6V	DC 3.6V
			Battery	600mAh 3*AA Ni-MH	600mAh 3*AA Ni-MH	600mAh 3*AA Ni-MH
			Working time	>10 hours	>10 hours	>10 hours
			Charging time	6 hours	6 hours	6 hours
			Material	Stainless steel	Stainless steel	Stainless steel
			Safety type	IP44	IP44	IP44
			Accessory	A remote controller	A remote controller	A remote controller
			Item size(mm)	φ 220*570	φ 220*300	φ 220*660
			Color box(mm)	235*235*592	235*235*225	235*235*225
			Q'ty/ctn(pcs)	4	4	4
			Master carton(mm)	485*485*610	250*485*450	250*485*450
			20'/40'/40'H(pcs)	780/1616/1892	2052/4252/4984	2052/4252/4984
MN-LL-03S	MN-LL-03SW	MN-LL-03SS	LED color to be white or RGB adjustable			

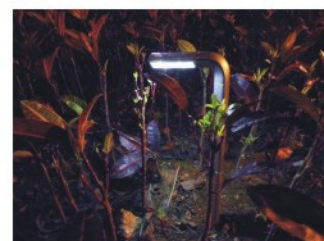
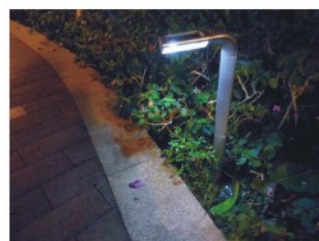


7 STYLE LED SOLAR SPIKE LIGHT (LED 7式太阳能道钉灯)



LED 7 style solar spike light

Item No.	MN-LL-7S
Solar panel	2V 60mAh
LED Q'ty	4pcs white color
Voltage	1.2V DC
Battery	1*AAA 600mAh Ni-MH
Working time	>10 hours
Charging time	6 hours
Material	ABS
Safety type	IP44
Item size(mm)	160x50x515
Color box(mm)	110*110*230 2pcs/box
Q'ty/ctn(pcs)	36
Master carton(mm)	350*350*480
20'/40'/40'H(pcs)	17136/35496/41616



LED SOLAR WALL LAMPS (LED壁灯)




Small wall lights Use for railings, fence, passageway, ect.

		Item No.	MN-WL-01P	MN-WL-02P
		Solar panel	0.3W	0.3W
		LED Q'ty	6pcs white color	4pcs white color
		Voltage	1.2V	1.2V
		Battery	Ni-MH 1*AA 1000mAh	Ni-MH 1*AA 1000mAh
		Working time	>10 hours	>10 hours
		Charging time	6 hours	6 hours
		Material	ABS	ABS
		Safety type	IP44	IP44
		Accessory	Screws	Screws
		Item size(mm)	100*55*70	95 *65*79
		Color box(mm)	104*65*75	95*80*74
		Q'ty/ctn(pcs)	120	120
		Master carton(mm)	430*350*475	400*420*464
MN-WL-01P	MN-WL-02P	20'/40'/40'H(pcs)	46920/97320/114120	43080/89280/104640
	Item No.	MN-WL-03A		
	Solar panel	0.5W		
	LED Q'ty	16pcs SMD3528		
	Voltage	3.7V		
	Battery	Li-ion 800mAh		
	Working time	>10 hours		
	Charging time	6 hours		
	Switch type	Pinhole switch		
	Material	Aluminum		
	Safety type	IP44		
	Accessory	Screws and a pin		
	Item size(mm)	132*92*77		
	Color box(mm)	151*93*83		
	Q'ty/ctn(pcs)	54		
Master carton(mm)	473*300*520			
MN-WL-03A	20'/40'/40'H(pcs)	20466/42444/49734		



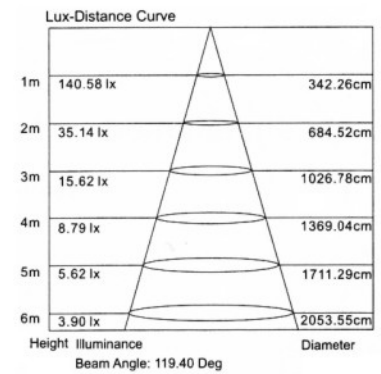
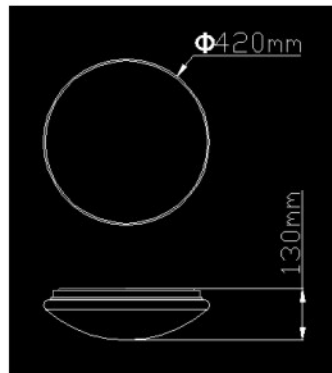
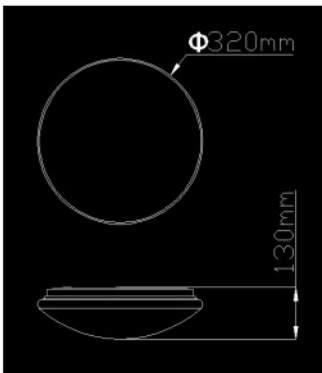
LED CARTOON TABLE LAMP



LED table lamp		
	Item No.	MN-TL-01
	Power	0.9W
	LED Q'ty	4pcs SMD5050
	Voltage	DC 5V
	Battery	450mAh
	LED color	Warm white
	Working time	>8 hours
	Charging time	5 hours
	Material	ABS
	Accessory	USB charger
	Item size(mm)	153*153*250
	Color box(mm)	160*160*255
	Q'ty/ctn(pcs)	12
Master carton(mm)	490*330*510	
MN-TL-01	20'/40'/40'H(pcs)	3996/8268/9696



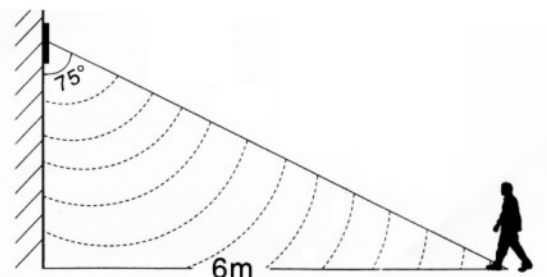
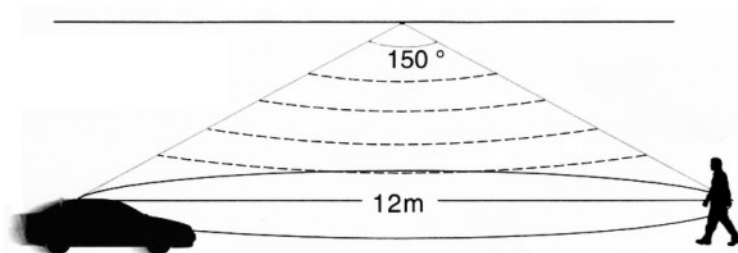
LED CEILING LAMPS (LED吸顶灯)



Specification

Item No.	MN-CML-12W001	MN-CML-16W001	MN-CML-19W001	MN-CML-22W001	MN-CML-27W001
Power	12W	16W	19W	22W	27W
Voltage	AC100-240V 50Hz	AC100-240V 50Hz	AC100-240V 50Hz	AC100-240V 50Hz	AC100-240V 50Hz
LED Q'ty	24pcs SMD5730	36pcs SMD5730	48pcs SMD5730	60pcs SMD5730	75pcs SMD5730
Lumen	960-1200lm	1300-1600lm	1650-1900lm	1760-2200lm	2160-2700lm
Dia. of cover	320mm	320mm	400mm	400mm	400mm
Color temperature	2700-7000K	2700-7000K	2700-7000K	2700-7000K	2700-7000K
Material	Acrylic, iron, aluminum	Acrylic, iron, aluminum	Acrylic, iron, aluminum	Acrylic, iron, aluminum	Acrylic, iron, aluminum
Transmittance of cover	80%	80%	80%	80%	80%
IP	20	20	20	20	20
Color box (mm)	330*130*330	330*130*330	410*130*410	410*130*410	410*130*410
Q'ty/ctn(pcs)	10	10	10	10	10
Master carton (mm)	670*350*680	670*350*680	670*430*840	670*430*840	670*430*840
20'/40'/40'H (pcs)	1750/3630/4260	1750/3630/4260	1210/2510/2940	1210/2510/2940	1210/2510/2940

Light sketch map for the lamp



LED CEILING LAMPS(LED吸顶灯)



Specification

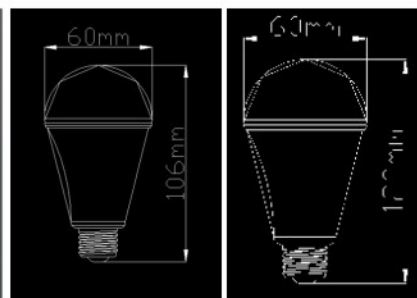


Item No.	MN-CML-19W003	MN-CML-22W003	MN-CML-27W003
Power	19W	22W	27W
Voltage	AC100-240V 50Hz	AC100-240V 50Hz	AC100-240V 50Hz
LED Q'ty	48pcs SMD5730	60pcs SMD5730	75pcs SMD5730
Lumen	1650-1900lm	1760-2200lm	2160-2700lm
Size(mm)	Φ400*120	Φ400*120	Φ400*120
Color temperature	2700-7000K	2700-7000K	2700-7000K
Material	Acrylic,iron,aluminum	Acrylic,iron,aluminum	Acrylic,iron,aluminum
Transmittance of cover	80%	80%	80%
IP	20	20	20
Color box(mm)	410*130*410	410*130*410	410*130*410
Q'ty/ctn(pcs)	10	10	10
Master carton(mm)	670*430*840	670*430*840	670*430*840
20°/40°/40°H(pcs)	1210/2510/2940	1210/2510/2940	1210/2510/2940

Item No.	MN-CML-19W004	MN-CML-22W004	MN-CML-27W004
Power	19W	22W	27W
Voltage	AC100-240V 50Hz	AC100-240V 50Hz	AC100-240V 50Hz
LED Q'ty	48pcs SMD5730	60pcs SMD5730	75pcs SMD5730
Lumen	1650-1900lm	1760-2200lm	2160-2700lm
Size(mm)	Φ400*120	Φ400*120	Φ400*120
Color temperature	2700-7000K	2700-7000K	2700-7000K
Material	Acrylic,iron,aluminum	Acrylic,iron,aluminum	Acrylic,iron,aluminum
Transmittance of cover	80%	80%	80%
IP	20	20	20
Color box(mm)	410*130*410	410*130*410	410*130*410
Q'ty/ctn(pcs)	10	10	10
Master carton(mm)	670*430*840	670*430*840	670*430*840
20°/40°/40°H(pcs)	1210/2510/2940	1210/2510/2940	1210/2510/2940

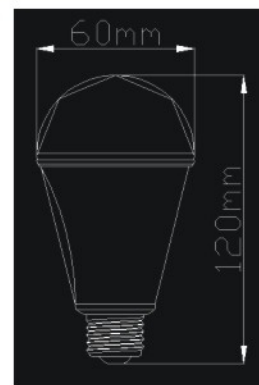


Item No.	MN-CML-19W005	MN-CML-22W005	MN-CML-27W005
Power	19W	22W	27W
Voltage	AC100-240V 50Hz	AC100-240V 50Hz	AC100-240V 50Hz
LED Q'ty	48pcs SMD5730	60pcs SMD5730	75pcs SMD5730
Lumen	1650-1900lm	1760-2200lm	2160-2700lm
Size(mm)	Φ400*120	Φ400*120	Φ400*120
Color temperature	2700-7000K	2700-7000K	2700-7000K
Material	Acrylic,iron,aluminum	Acrylic,iron,aluminum	Acrylic,iron,aluminum
Transmittance of cover	80%	80%	80%
IP	20	20	20
Color box(mm)	410*130*410	410*130*410	410*130*410
Q'ty/ctn(pcs)	10	10	10
Master carton(mm)	670*430*840	670*430*840	670*430*840
20°/40°/40°H(pcs)	1210/2510/2940	1210/2510/2940	1210/2510/2940

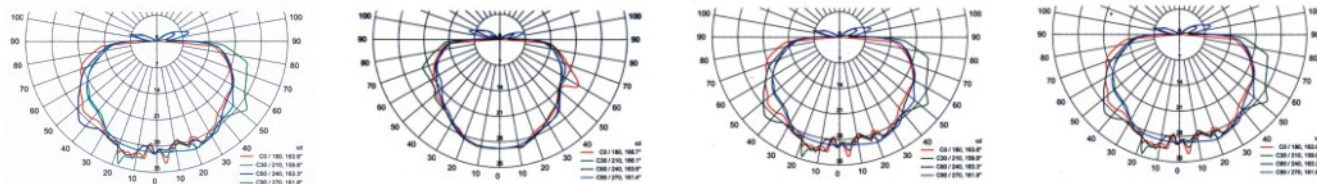


Specification

Item No.	LED Q'ty	Voltage	Base	Wattage	CCT	Beam angle	Lumen	CRI	Power factor	D/L	Dimmable	Isolated drive
MN-QP05A	12pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	5W	3000K/4500K/6000K	180°	350-400lm	>80	>0.9	Φ61*112mm	No/Switch/Track	Yes
MN-QP08A	18pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	8W	3000K/4500K/6000K	180°	560-640lm	>80	>0.9	Φ61*112mm	No/Switch/Track	Yes
MN-QP10A	20pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	10W	3000K/4500K/6000K	180°	700-800lm	>80	>0.9	Φ65*120mm	No/Switch/Track	Yes
MN-QP12A	22pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	12W	3000K/4500K/6000K	180°	840-960lm	>80	>0.9	Φ65*120mm	No/Switch/Track	Yes
MN-QPF05A	12pcs(SMD5630)	85-265V AC	E27	5W	3000K/4500K/6000K	180°	350-400lm	>80	>0.9	Φ61*112mm	No	No
MN-QPF08A	18pcs(SMD5630)	85-265V AC	E27	8W	3000K/4500K/6000K	180°	560-640lm	>80	>0.9	Φ61*112mm	No	No
MN-QPF10A	20pcs(SMD5630)	85-265V AC	E27	10W	3000K/4500K/6000K	180°	700-800lm	>80	>0.9	Φ65*120mm	No	No
MN-QPF12A	22pcs(SMD5630)	85-265V AC	E27	12W	3000K/4500K/6000K	180°	840-960lm	>80	>0.9	Φ65*120mm	No	No



Photometric data



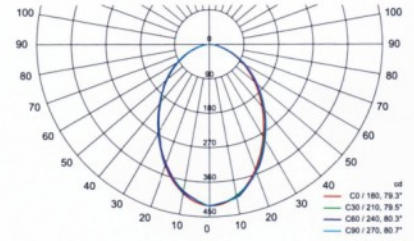
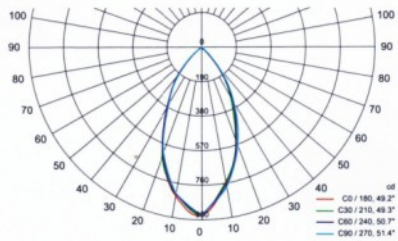
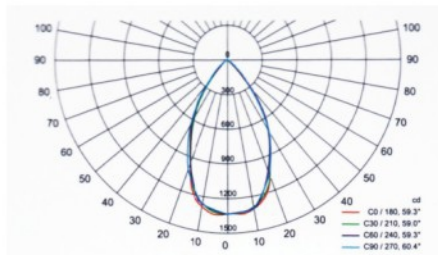
Specification

Item No.	LED Q'ty	Voltage	Base	Wattage	CCT	Beam angle	Lumen	CRI	Power factor	D/L	Dimmable	Isolated drive
MN-QP05B	12pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	5W	3000K/4500K/6000K	180°	350-400lm	>80	>0.9	Φ60*120mm	Switch/Track	Yes
MN-QP08B	18pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	8W	3000K/4500K/6000K	180°	560-640lm	>80	>0.9	Φ60*120mm	Switch/Track	Yes
MN-QP10B	20pcs(SMD5630)	85-265V AC 110-120V AC 220-240V AC	E27	10W	3000K/4500K/6000K	180°	700-800lm	>80	>0.9	Φ60*120mm	Switch/Track	Yes

LED DOWNLIGHT (LED筒灯)

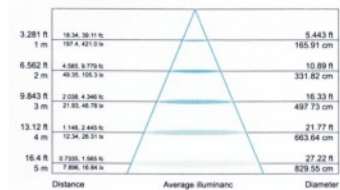
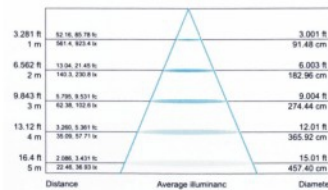
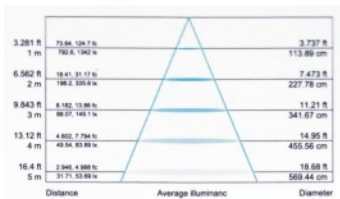


Photometric data



Specification

Item No.	LED Q'ty	Voltage	Wattage	CCT	Lumen	CRI	Power factor	Cut-out	D/L	Isolated driver
MN-DL-09A01	9pcs(SMD 1w-3w)	85-265V AC	9W	3000K /4500K/ 6000K	540-630lm	>80	>0.9	Φ110mm	Φ130*60mm	Yes
MN-DL-09A02	9pcs(SMD 1w-3w)	85-265V AC	9W	3000K /4500K/ 6000K	540-630lm	>80	>0.9	Φ140mm	Φ160*71mm	Yes
MN-DL-12A01	12pcs(SMD 1w-3w)	85-265V AC	12W	3000K /4500K/ 6000K	720-840lm	>80	>0.9	Φ110mm	Φ130*60mm	Yes
MN-DL-12A02	12pcs(SMD 1w-3w)	85-265V AC	12W	3000K /4500K/ 6000K	720-840lm	>80	>0.9	Φ140mm	Φ160*71mm	Yes
MN-DL-12A03	12pcs(SMD 1w-3w)	85-265V AC	12W	3000K /4500K/ 6000K	720-840lm	>80	>0.9	Φ170mm	Φ190 *60mm	Yes
MN-DL-15A01	15pcs(SMD 1w-3w)	85-265V AC	15W	3000K /4500K/ 6000K	900-1050lm	>80	>0.9	Φ170mm	Φ190 *60mm	Yes
MN-DL-15A02	15pcs(SMD 1w-3w)	85-265V AC	15W	3000K /4500K/ 6000K	900-1050lm	>80	>0.9	Φ180mm	Φ200*75mm	Yes
MN-DL-18A01	18pcs(SMD 1w-3w)	85-265V AC	18W	3000K /4500K/ 6000K	1080-1260lm	>80	>0.9	Φ180mm	Φ200*75mm	Yes



Specification

Item No.	LED Q'ty	Voltage	Wattage	CCT	Lumen	CRI	Power factor	Cut-out	D/L	Isolated driver
MN-DL-09B01	18pcs(SMD 5630)	85-265V AC	9W	3000K /4500K/ 6000K	630-720lm	>80	>0.9	Φ110mm	Φ130*60mm	Yes
MN-DL-09B02	18pcs(SMD 5630)	85-265V AC	9W	3000K /4500K/ 6000K	630-720lm	>80	>0.9	Φ140mm	Φ160*71mm	Yes
MN-DL-12B01	24pcs(SMD 5630)	85-265V AC	12W	3000K /4500K/ 6000K	840-960lm	>80	>0.9	Φ110mm	Φ130*60mm	Yes
MN-DL-12B02	24pcs(SMD 5630)	85-265V AC	12W	3000K /4500K/ 6000K	840-960lm	>80	>0.9	Φ140mm	Φ160*71mm	Yes
MN-DL-12B03	24pcs(SMD 5630)	85-265V AC	12W	3000K /4500K/ 6000K	840-960lm	>80	>0.9	Φ170mm	Φ190 *60mm	Yes
MN-DL-15B01	36pcs(SMD 5630)	85-265V AC	15W	3000K /4500K/ 6000K	1050-1200lm	>80	>0.9	Φ170mm	Φ190 *60mm	Yes
MN-DL-15B02	36pcs(SMD 5630)	85-265V AC	15W	3000K /4500K/ 6000K	1050-1200lm	>80	>0.9	Φ180mm	Φ200*75mm	Yes
MN-DL-18B01	45pcs(SMD 5630)	85-265V AC	18W	3000K /4500K/ 6000K	1260-1440lm	>80	>0.9	Φ180mm	Φ200*75mm	Yes