

High Pressure Sodium And LED Lamp Replacement Sheetdata For Project

Mingchen New Material Manufacturing Co,Ltd

www.led-energystar.com



HPS Lamp/LED Light	Voltage	Power Efficiency	Total power W+W(1-PE)	Nitial efficacy	lumens	Effective photosynth etic efficiency	Lumens	Colour Temperature	CRI(RA)	Energy Lable	Life Time(H RS)
70W sodium lamp	70W	75%	87.5W	90-130LM/W	5600LM	55%-60%	3360LM	2500K-3200K	25	C	12000h
30w LED Bulb	30w	95%	32w	120-130	3600lm	90%-98%	3400lm	2700-6700k	80	A++	50000h
100W Sodium lamp	100W	75%	125W	90-130LM/W	8000LM	55%-60%	4500-4800LM	2500K-3200K	25	C	12000h
40w LED Light	40W	95%	42-44W	120-130LM/W	4800LM	95-98%	4500-4800LM	2700-6700k	>80	A++	50000h
175W sodium lamp	175w	75%	220w	90-130LM/W	14000lm	55%-60%	7700-8400lm	2700-3200k	25	C	12000h
60w led lamp	60w	95%	65w	120-130LM/W	8450lm	98%	8000lm	2700-6700k	>80	A++	50000h
250w sodium lamp	250w	75%	312.5w	90-130LM/W	21000lm	55%-60%	11550-12600lm	2700-3200k	25	C	12000h
80w led light	80w	95%	84w	120-130LM/W	10400lm	95-98%	10000lm-10200lm	2700-6700k	>80	A++	50000h
400w sodium lamp	400w	75%	500w	90-130LM/W	36000lm	55%-60%	19800lm-21600lm	2700-3200k	25	C	12000h
150w led light	150w	92%	165w	120-130LM/W	21450lm	95-98%	20000lm	2700-6700k	>80	A++	50000h
600w sodium lamp	600w	75%	750w	90-130LM/W	64000lm	55%-60%	38400lm	2700-3200k	25	C	12000h
300w led lamp	300W	95%	315W	120-130LM/W	37800-409	95-98%	36000-47000l	2700-6700k	>80	A++	50000h
1000W Sodium lamp	1000W	75%	1250W	90-130LM/W	110000LM	55%-60%	55000-60000	2500K-3200K	25	C	12000h
500w led lamp	500W	95%	550W	120-130LM/W	65000LM	95-98%	55000-60000l	2700-6700k	>80	A++	50000h

Metal Halide Lamp And Led Lamp Replacement sheetdata for Project

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HPS Lamp/LED Light	Voltage	Power Efficiency	Total power W+W(1-PE)	Nitial efficacy	lumens	Effective photosynth etic efficiency	Lumens	Colour Temperature	CRI(RA)	Energy Lable	Life Time (HRS)
35w metal halide light	35w	75%	40w	90-130LM/W	3150lm	55%-60%	1890lm	3700-4300k	80	B	20000H
18w LED Bulb	18W	95%	20W	2000LM	1900LM	95-98%	1900LM	2700-6700k	80	A++	50000h
70W MH lamp	70W	75%	87.5W	90-130LM/W	5600LM	55%-60%	3360LM	2500K-3200K	80	C	20000H
30w LED Bulb	30w	95%	32w	120-130	3600lm	90%-98%	3400lm	2700-6700k	80	A++	50000h
100W MH lamp	100W	75%	125W	90-130LM/W	8000LM	55%-60%	4500-4800LM	2500K-3200K	80	C	20000H
40W LED light	40W	95%	42-44W	120-130LM/W	4800LM	95-98%	4500-4800LM	2700-6700k	>80	A++	50000h
175W MH lamp	175w	75%	220w	90-130LM/W	14000lm	55%-60%	7700-8400lm	2700-3200k	80	C	20000H
60w led lamp	60w	95%	65w	120-130LM/W	8450lm	98%	8000lm	2700-6700k	>80	A++	50000h
250w MH lamp	250w	75%	312.5w	90-130LM/W	21000lm	55%-60%	11550-12600lm	2700-3200k	80	C	20000H
80w led light	80w	95%	84w	120-130LM/W	10400lm	95-98%	10000lm-10200lm	2700-6700k	>80	A++	50000h
400w MH lamp	400w	75%	500w	90-130LM/W	36000lm	55%-60%	19800lm-21600lm	2700-3200k	37 80	C	20000H
150w led light	150w	92%	165w	120-130LM/W	21450lm	95-98%	20000lm	2700-6700k	>80	A++	50000h
600w MH lamp	600w	75%	750w	90-130LM/W	64000lm	55%-60%	38400lm	3700-4300k	80	C	20000H
LED 300W	300W	95%	315W	120-130LM/W	37800-409	95-98%	36000-47000l	2700-6700k	>80	A++	50000h
1000W MH lamp	1000W	75%	1250W	90-130LM/W	110000LM	55%-60%	55000-60000	3700-4300k	80	C	20000H
LED 500W	500W	95%	550W	120-130LM/W	65000LM	95-98%	55000-60000l	2700-6700k	>80	A++	50000h
2000W MH lamp	2000W	75%	2250W	90-130LM/W	180000LM	55%-60%	99000LM	3700-4300k	80	C	20000H
950w led lamp	950W	95%	1000W	120-130LM/W	120000LM	95-98%	100000lm-110000lm	2700-6700k	80	A++	50000h