



Republic of the Philippines
DEPARTMENT OF ENERGY
(Kagawaran ng Enerhiya)

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Annex A
Table of Minimum Energy Performance of Products
(MEPP)

Table of Minimum Energy Performance for Products (MEPP)
as of _____

1. For Window-Type and Split-Type RACs

Cooling Seasonal Performance Factor (CSPF)		
Energy Consumption	Below 3.33 kW	3.33 kW – 9.99 kW
Minimum CSPF	3.08	2.81

2. For Compact Fluorescent Lamps (Bare Lamp)

Initial Luminous Efficacy (lm / W)					
Input Power	3 to < 5	≥ 5 to < 9	≥ 9 to < 15	≥ 15 to < 25	≥ 25 to 60
Correlated Color Temperature	≤ 4000K	≤ 4000K	≤ 4000K	≤ 4000K	≤ 4000K
Minimum lm/W	45	50	55	60	65

Initial Luminous Efficacy (lm / W)					
Input Power	3 to < 5	≥ 5 to < 9	≥ 9 to < 15	≥ 15 to < 25	≥ 25 to 60
Correlated Color Temperature	> 4000K	> 4000K	> 4000K	> 4000K	> 4000K
Minimum lm/W	41	46	52	57	62

3. For Compact Fluorescent Lamps (Encapsulated Lamp)

Initial Luminous Efficacy (lm / W)					
Input Power	3 to < 5	≥ 5 to < 9	≥ 9 to < 15	≥ 15 to < 25	≥ 25 to 60
Correlated Color Temperature	≤ 4000K	≤ 4000K	≤ 4000K	≤ 4000K	≤ 4000K
Minimum lm/W	38	43	47	51	55

Initial Luminous Efficacy (lm / W)					
Input Power	3 to < 5	≥ 5 to < 9	≥ 9 to < 15	≥ 15 to < 25	≥ 25 to 60
Correlated Color Temperature	> 4000K	> 4000K	> 4000K	> 4000K	> 4000K
Minimum lm/W	35	39	44	48	53

4. For Linear Fluorescent Lamps (Halophosphate)

Initial Luminous Efficacy (lm / W)			
Input Power	10 to 21	22 to 35	36 to 65
Correlated Color Temperature	≤ 4000K	≤ 4000K	≤ 4000K
Minimum lm/W	60	65	70

Initial Luminous Efficacy (lm / W)			
Input Power	10 to 21	22 to 35	36 to 65
Correlated Color Temperature	> 4000K	> 4000K	> 4000K
Minimum lm/W	55	60	65

5. For Linear Fluorescent Lamps (Triphosphor)

Initial Luminous Efficacy (lm / W)			
Input Power	14 to 21	22 to 35	36 to 65
Correlated Color Temperature	≤ 4000K	≤ 4000K	≤ 4000K
Minimum lm/W	65	75	83

Initial Luminous Efficacy (lm / W)			
Input Power	14 to 21	22 to 35	36 to 65
Correlated Color Temperature	> 4000K	> 4000K	> 4000K
Minimum lm/W	60	70	78

6. For Linear Fluorescent Lamps (Triphosphor T5)

Initial Luminous Efficacy (lm / W)		
Input Power	14 to 21	22 to 35
Correlated Color Temperature	≤ 4000K	≤ 4000K
Minimum lm/W	85	95

Initial Luminous Efficacy (lm / W)		
Input Power	14 to 21	22 to 35
Correlated Color Temperature	> 4000K	> 4000K
Minimum lm/W	80	91

7. For Single-Capped Fluorescent Lamps (Circular Halophosphate)

Initial Luminous Efficacy (lm / W)			
Input Power	14 to 22	23 to 40	>40
Correlated Color Temperature	≤ 4000K	≤ 4000K	≤ 4000K
Minimum lm/W	45	50	55

Initial Luminous Efficacy (lm / W)			
Input Power	14 to 22	23 to 40	>40
Correlated Color Temperature	> 4000K	> 4000K	> 4000K
Minimum lm/W	40	45	50

8. For Single-Capped Fluorescent Lamps (Circular Triphosphate)

Initial Luminous Efficacy (lm / W)			
Input Power	14 to 22	23 to 40	>40
Correlated Color Temperature	≤ 4000K	≤ 4000K	≤ 4000K
Minimum lm/W	55	60	65

Initial Luminous Efficacy (lm / W)			
Input Power	14 to 22	23 to 40	>40
Correlated Color Temperature	> 4000K	> 4000K	> 4000K
Minimum lm/W	50	55	60

9. For LED

Initial Luminous Efficacy (lm / W)		
LED Type	Non-Directional	Linear
Minimum lm/W	80	90

10. For Refrigerator

Energy Efficiency Factor (L / kWh-24h)			
Type	Single Door	Two-Door Manual Defrost	Frost-Free
Minimum EEF	200	230	180