
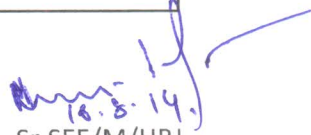


**SPECIFICATION FOR 36 W PANEL LIGHT**

For Requisition No. 57830 214,  
 dtd. 14.04.2014

Sr No	Parameter	Conformation
1	System Wattage with Driver	36
2	Make of LED	Nichia, Osram, Philips, CRE or Equal.
3	Type of Installation for LED	SMD Type
4	Allowable Voltage Range	120-250 VAC
5	Allowable Frequency	50±5%
6	CCT	4500-6500k
7	CRI	70
8	Lumens Output	2650
9	System Efficacy	>65%
10	Total Burning Hours (i.e. Life)	50000
11	Lumens Depreciation for following conditions	As per LM80 report.
12	After 20% of total Life	As per LM80 report.
13	After 50% of total life hours	As per LM80 report.
14	After 100% of total life hours	As per LM80 report.
15	Reflection Reflectivity	High reflective paint
16	Is there any Diffuser?	Yes
17	Diffuser Material	PMMA
18	Diffuser Transmittivity	85%
19	Housing Material	CRCA
20	Integral Protection	IP20
21	Ambient Temperature	25 °C
22	Driver Type	Constant Current
23	Total Harmonics Generation (% THD)	<15%
24	Behaviour of the fitting if any one LED Blown Off	If blown off in shortcircuit mode then rest all LEDs keeps working & if in open circuit then only one string will stop glowing
25	Weight	~ 5 Kg
26	Standards followed for Fitting and Driver	IS 10322
27	Measurement Standards	IS 10322

  
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 पश्चिम-मध्य रेल, भोपाल  
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