



Report No.: DQ/TTC/2020/16

Date: 2-March-2020

TYPE TEST CERTIFICATE

This is to certify the following product(s) / 12NC:

- BN021C LED12S 6500 PSU GR / 9195 158 13543
- BN021C LED12S 4000 PSU GR / 9195 158 13724
- BN021C LED22S 6500 PSU CW GR / 9195 158 13747
- BN021C LED22S 4000 PSU NW GR / 9195 158 13748
- BN021C LED40S 6500 PSU GR / 9195 158 13544
- BN021C LED40S 4000 PSU GR / 9195 158 13723

Description:

Philips Smart bright Batten Series, LED luminaire using LEDs with diffuser which ensures uniform distribution and comfort. It ensures energy saving compared with conventional TL Batten. Philips batten series features latest LEDs and delivers consistent light output, stable color performance and color rendering. Available in 2Feet, 3Feet and 4Feet variants, offering a flicker free start.

Features and Benefits:

- Extruded Aluminum housing
- Energy efficient
- Flicker free start
- Inbuilt driver unit
- Available in 2Feet, 3Feet and 4Feet variants

Applications:

- Suitable for hotels, offices and room lighting

Installation:

- Suitable for wall and ceiling mounting using brackets (supplied along with luminaire)

The Luminaire has been tested as per Standard Specification IEC 60598-2-1 / IS: 10322(Part5/Sec1), the results of 1 (one) sample(s) each tested being shown in the enclosed sheet(s). The report has established conformity of the product(s) to the requirements of the Standard/Specification.

Debasish Mukherjee
Director - Technical



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Standard Referred: IEC 60598-2-1**Sample Tested:** One**Test Results:**

S. No.	Clause No.	Test	Requirements	Result Obtained
a)	-	Visual Examination	-	Satisfactory
b)	1.6	Mechanical Strength test	-	Meets specific impact energy for different parts
c)	1.12	Endurance test	Luminaire shall not become unsafe after the test	Complied with the requirements
		Thermal test (Normal operating condition)	Temperature in °C at an ambient of 45°C	Limiting temperature (°C)
		Driver tc	NA as integral driver	All temperatures are within limit
d)	1.13	Resistance to dust & moisture	IP20	Complied with the requirements
e)	1.14	Insulation Resistance test	≥ 2MΩ	> 200MΩ
f)	-	Photometry	-	Refer LM79 report


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