

T e s t R e p o r t

Report No : L16333

Client: : Clear Channel United Kingdom
Unit 9, Newtons Court
Galleon Boulevard
Crossways Business Park
Dartford
DA2 6QL

Description : NGT Rooflight

Manufacturer : Not Disclosed

Type/Model : DS70NGT

Test Specification : Measurement of power consumption in accordance with the
'Unmetered Supplies Operational Information Document' –
Version 16.0 (16/11/2016)

Date Testing Started : 02/03/2017

Conclusion : Refer to body of report

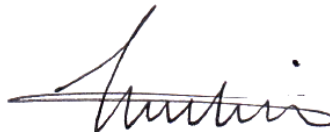
Date of Issue : 20/03/2017

Date of Expiry : 19/03/2022

Tested by: M.ALI
Position: Photometry Team
Leader



Approved: T.MALIK
Position: Operations & Quality
Manager



INTRODUCTION

The products identified in Table 1 were tested at the premises of Clear Channel United Kingdom for measurement of power consumption in accordance with the “Unmetered Supplies Operational Information” document – Version 16.0 (16/11/2016).

PRODUCT DETAILS

Table 1. Test Sample Details

Product Description	NGT Rooflight
Model No.	DS70NGT
Number of Samples	Five
Condition on Receipt	Good
Nominal Dimensions	220mm x 110mm x 85mm
Product Supply Requirement	240V AC 50Hz
Lamp Type and Power	LED 50W
Sampling Method: Test samples selected and supplied by client, no sampling method specified by client.	

The customer has declared that the equipment load does not vary with ambient temperature.

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RESULTS

Table 2. Wattage and VA results for NGT Rooflight

Operating Mode	100%				
Watts					
Voltage	Sample Number				
	1	2	3	4	5
210	46.70	46.61	53.52	46.08	53.59
220	46.71	46.61	53.48	46.12	53.58
230	46.71	46.62	53.46	46.13	53.58
240	46.72	46.63	53.45	46.15	53.57
250	46.73	46.64	53.43	46.16	53.57
VA					
Voltage	Sample Number				
	1	2	3	4	5
210	48.89	48.33	55.30	47.74	55.39
220	49.07	48.50	55.41	47.93	55.37
230	49.29	48.69	55.56	48.13	55.52
240	49.52	48.91	55.74	48.35	55.70
250	49.77	49.14	55.95	48.58	55.91
Power Factor					
Voltage	Sample Number				
	1	2	3	4	5
210	0.96	0.96	0.97	0.97	0.97
220	0.95	0.96	0.97	0.96	0.97
230	0.95	0.96	0.96	0.96	0.97
240	0.94	0.95	0.96	0.95	0.96
250	0.94	0.95	0.95	0.95	0.96
Ambient Temperature During Test (°C)			8.6		
PF Leading/Lagging			Leading		

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DEVIATION(S) FROM TEST STANDARD

No reported deviations from test standard.

MEASUREMENT UNCERTAINTY

The following expanded uncertainties apply to the measurements shown in the results;

True Power (W): $\pm 0.69\%$, Apparent Power (VA): $\pm 0.61\%$

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a coverage probability of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

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ILLUSTRATION



Figure 1. Product image

End