

UMS SUMMARY TEST REPORT

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ISSUED BY:
CRANAGE EMC TESTING LIMITED
STABLE COURT
OAKLEY
MARKET DRAYTON
SHROPSHIRE, TF9 4AG



Report No: **U0055R** Date of Issue: **15th July 2015**

This document summarises the results of testing to ascertain the appropriate Elexon Charge Codes for inclusion in BSCP520.

Tested & Inspected for: **Max Green LED Limited
Enterprise House, Ocean Way,
Southampton, SO14 3XB.**

Test Date: **9th & 10th July, 2015**
Receipt Date of Test Item: **8th July, 2015**

Sample 1

Test Item Description: **LED Sreet Lighting**
Model Name: **40W 3000k LED Heritage**
Serial Number: **Production Sample**
Notes: **Incorporated Meanwell HLG-40H-24B Driver (S/N: HB52942101)**

Sample 2

Test Item Description: **LED Sreet Lighting**
Model Name: **40W 3000k LED Heritage**
Serial Number: **Production Sample**
Notes: **Incorporated Meanwell HLG-40H-24B Driver (S/N: HB52942100)**

Sample 3

Test Item Description: **LED Sreet Lighting**
Model Name: **40W 3000k LED Heritage**
Serial Number: **Production Sample**
Notes: **Incorporated Meanwell HLG-40H-24B Driver (S/N: HB52942093)**

Sample 4

Test Item Description: **LED Sreet Lighting**
Model Name: **40W 3000k LED Heritage**
Serial Number: **Production Sample**
Notes: **Incorporated Meanwell HLG-40H-24B Driver (S/N: HB52942097)**

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Sample 5

Test Item Description:	LED Sreet Lighting
Model Name:	40W 3000k LED Heritage
Serial Number:	Production Sample
Notes:	Incorporated Meanwell HLG-40H-24B Driver (S/N: HB52942098)

Approved Signatories: M. Richens - Technical Director



APPROVED SIGNATORY

Verification Signatories: K. Richens – Managing Director



VERIFICATION SIGNATORY

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Mode of Operation: The test item was powered 'ON'. A photograph showing the test item can be found on page 3.

Unit under test: - Units were powered up for 30 minutes to stabilise.

Test Condition: - Measurements were taken after 15 minutes at each voltage level. This was found to be adequate time for stabilisation.

All results are rounded to 2 decimal places.

Mode 1

Watts

Voltage (Vrms)	Sample No.				
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
210	41.06	40.95	41.76	41.13	41.29
220	40.99	40.88	41.78	41.05	41.28
230	40.96	40.85	41.78	41.02	41.26
240	40.94	40.84	41.77	40.99	41.26
250	40.91	40.85	41.76	40.98	41.26

VA

Voltage (Vrms)	Sample No.				
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
210	53.69	54.48	58.35	54.35	54.44
220	55.16	56.07	54.99	55.89	56.03
230	56.95	57.84	56.67	57.20	57.68
240	57.36	59.59	58.35	58.86	59.41
250	60.91	61.40	61.84	60.60	61.12

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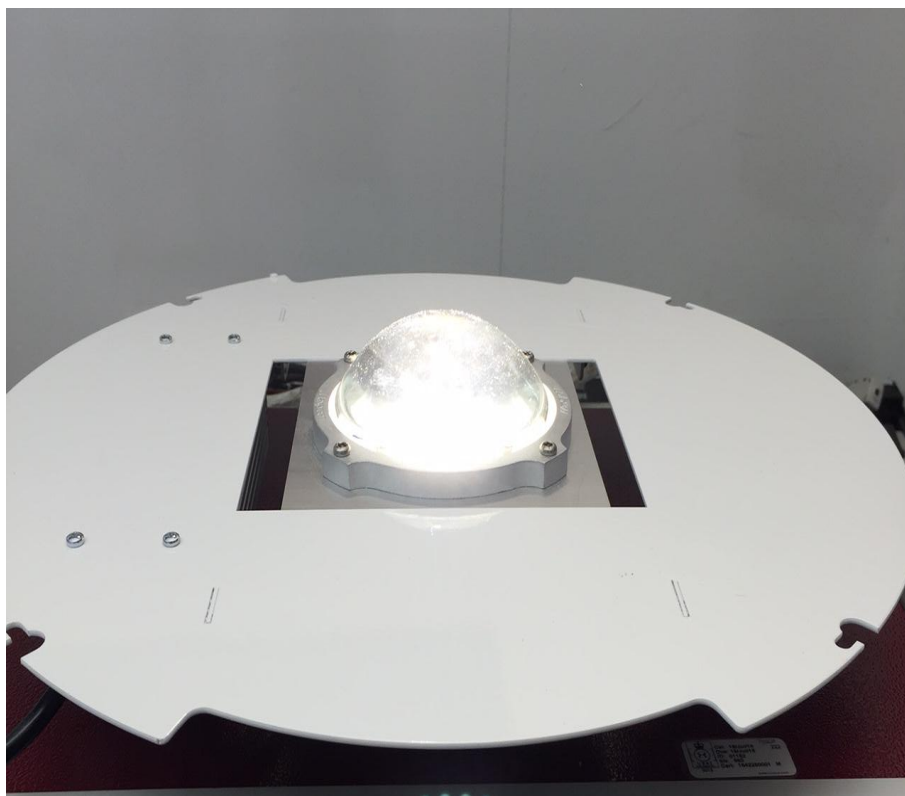
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Ambient temperature range recorded during test period:
22°C

Test Equipment

Asset Number	Description	Calibration Date	Calibration Due
AN288	Power Source	-	-
AN1162	Power Analyser	16/07/2014	15/07/2015
AN452	Timer	-	-

Photographs of the Test Item



Above: Equipment under test (Front).

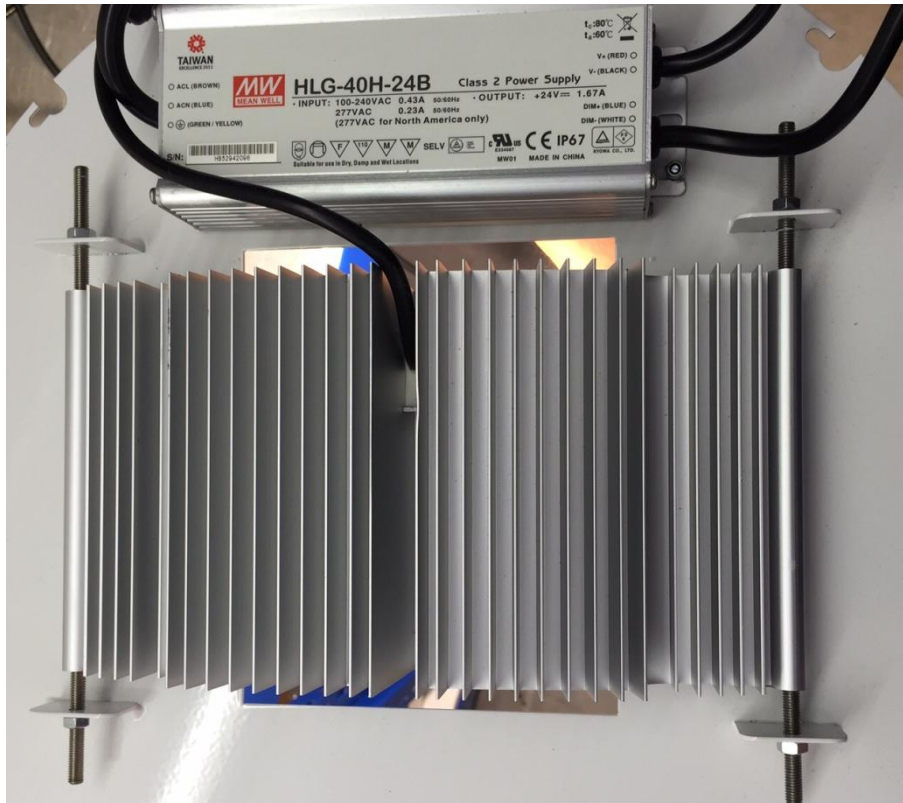
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Above: Equipment under test (Back).

Measurement Uncertainty

The 95 % confidence measurement uncertainty for AC Power (Analyser) is 0.17%.