



77 CHARLOTTE STREET

NOISE IMPACT ASSESSMENT

CHARLOTTE STREET PROPERTY LTD

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Revision 02

1	Introduction	3
2	Criteria & guidance	4
2.1	Local Authority requirements	4
2.2	British Standard 4142:2014.....	4
2.3	Environmental Protection Act 1990.....	5
3	External noise survey	6
3.1	Introduction	6
3.2	Measurement methodology	6
3.3	Measurement results	8
3.4	Commentary.....	9
4	Noise emission	10
4.1	Building services Equipment	10
4.2	Background noise levels	10
4.3	Nearest noise sensitive neighbours	10
4.4	Prediction of Noise emission levels.....	11
5	Conclusions	12
	Appendix A - Noise level data.....	13

1 INTRODUCTION

- 1.1 It is proposed to redevelop 77 Charlotte Street in conjunction with 5 Tottenham Mews into commercial office space. To support the planning application for this development a noise impact assessment has been undertaken and is presented in this document.
- 1.2 As part of the assessment an external noise survey has been carried out at the site and the findings of this survey have been considered in the context of appropriate noise criteria and standards relevant to the development and guidance provided by the London Borough of Camden. Recommendations have been provided which when adopted within the development will enable the criteria and standards to be achieved.
- 1.3 Chapter 2 of this report considers the guidance on noise emission relevant to the project. An external noise survey required for the assessment is presented in Chapter 3, whilst Chapter 4 presents the assessment of noise emission.
- 1.4 Measurement data from the noise survey are presented in Appendix A.

2 CRITERIA & GUIDANCE

2.1 LOCAL AUTHORITY REQUIREMENTS

- 2.1.1 Camden Council have adopted a new version of their Local Plan (July 2017), which contains a policy relating to noise emission. This is replicated below:

Policy A4 Noise and vibration

The Council will seek to ensure that noise and vibration is controlled and managed.

Development should have regard to Camden's Noise and Vibration Thresholds (Appendix 3).

We will not grant planning permission for:

- a. development likely to generate unacceptable noise and vibration impacts; or*
- b. development sensitive to noise in locations which experience high levels of noise, unless appropriate attenuation measures can be provided and will not harm the continued operation of existing uses.*

We will only grant permission for noise generating development, including any plant and machinery, if it can be operated without causing harm to amenity. We will also seek to minimise the impact on local amenity from deliveries and from the demolition and construction phases of development.

- 2.1.2 Table C of the aforementioned Appendix 3 of Camden Council's Local Plan contains noise limits for a low observed adverse effect level (LOAEL) and significant observed adverse effect level (SOAEL). The criteria relevant to building services noise from industrial and commercial developments are reproduced below:

	LOAEL (Green)	LOAEL to SOAEL (Amber)	SOAEL (Red)
BS 4142:2014 "Rating level"	At least 10 dB below background noise level	- 9 dB to + 5 dB relative to background noise level	More than 5 dB above the background noise level
L _{Amax} at noise-sensitive receivers	Less than 57 dB	Between 57 and 88 dB	Greater than 88 dB

Table 2.1: Camden Council noise thresholds for commercial development

- 2.1.3 All of the proposed plant will operate at a steady noise level, as such the L_{Amax} are not expected to be significantly greater than the L_{Aeq} . The criteria regarding the L_{Amax} has therefore not been considered further in this assessment.
- 2.1.4 From previous projects it is understood that if it is found that achieving a "green" rating is impractical, an "amber" rating may be considered satisfactory. This is inline with BS 4142:2014 where a *low impact* would be within Camden's amber threshold.

2.2 BRITISH STANDARD 4142:2014

- 2.2.1 BS 4142:2014 Method for rating and assessing industrial and commercial sound provides guidance on the assessment of the impact of a noise source. The standard presents a methodology for comparing the noise level of the new source (the specific sound level) with that of the existing background noise level in the area in the absence of the new source (the background sound level).

- 2.2.2 The methodology requires consideration to be given to all aspects of the assessment process and also accounts for unusual acoustic features such as tonal, impulsive, or intermittency characteristics of the noise by the addition of various decibel corrections to the specific sound level. The corrected specific sound level is known as the rating level.
- 2.2.3 The rating level is then arithmetically subtracted from the background sound level. The greater the positive difference between the rating level and the background sound level, the greater the magnitude of the impact.
- A difference of around +10 dB or more is likely to be an indication of a significant adverse impact, depending upon the context.
 - A difference of around +5 dB or more is likely to be an indication of an adverse impact, depending upon the context.
 - Where the *rating level* does not exceed the *background sound level*, this is an indication of a low impact, depending upon the context.

2.3 ENVIRONMENTAL PROTECTION ACT 1990

- 2.3.1 In addition to meeting the Local Authority's requirements, it must also be considered that there is always the potential that neighbours may take direct noise nuisance action under the provisions of the Environmental Protection Act 1990, if they believe they have been subjected to noise nuisance. Usually if any Conditions to Planning concerning noise emission are complied with, the risk of such action is satisfactorily minimised.

3 EXTERNAL NOISE SURVEY

3.1 INTRODUCTION

- 3.1.1 In order to inform the acoustic design of the proposed development an external noise survey was undertaken at two locations on the site. The data from this survey has been used to assess the noise emission from building services plant associated with the development.

3.2 MEASUREMENT METHODOLOGY

- 3.2.1 Continuous unattended noise level measurements were conducted at two locations at the site. Location 1 was in line with the perimeter of the site 1m above roof level facing the corner of Charlotte Street and Goodge Street. Location 2 was also 1m above the existing roof level, on the western boundary of the site adjacent to the neighbouring residential properties.
- 3.2.2 The measurement locations are shown superimposed upon an existing site plan in Figure 3.1.
- 3.2.3 The measurements were undertaken at Location 1 between 12:00 on Wednesday 06 June through to 11:20 on Thursday 07 June 2018. The measurements at Location 2 were undertaken between 11:40 on Thursday 07 June through to 10:00 on Monday 11 June 2018. Statistical and spectral data were recorded continuously throughout the measurement period in 10-minute samples.
- 3.2.4 The following equipment was used for the noise survey:

Equipment	Type	Serial No.
Norsonic 140	Precision sound analyser	1403353
Norsonic 1209	Preamplifier	12862
GRAS 41AL	Weather protected microphone	63150
Brüel & Kjær 4231	Calibrator	2291098

Table 3.1: Noise measurement equipment

- 3.2.5 The calibration of the sound level meter and associated microphone was checked prior to and on completion of the measurement periods in accordance with recommended practice. No significant drift in calibration occurred during the measurement periods. The accuracy of the calibrator can be traced to National Physical Laboratory Standards. Calibration certificates can be provided if required.

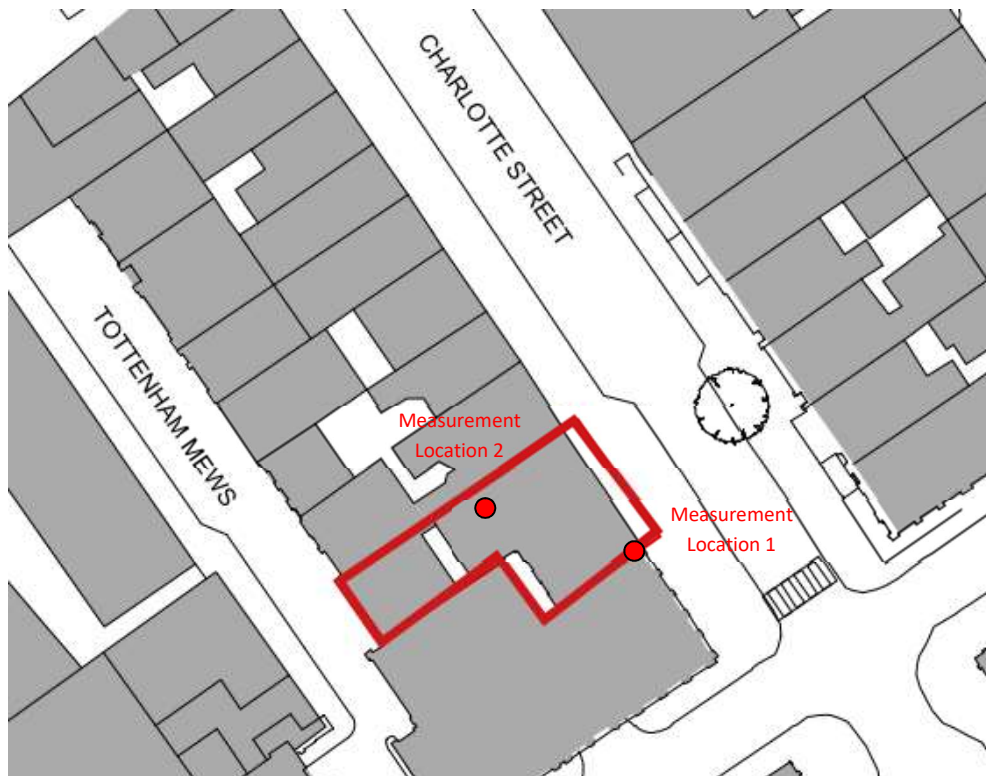


Figure 3.1: Existing site plan showing measurement locations

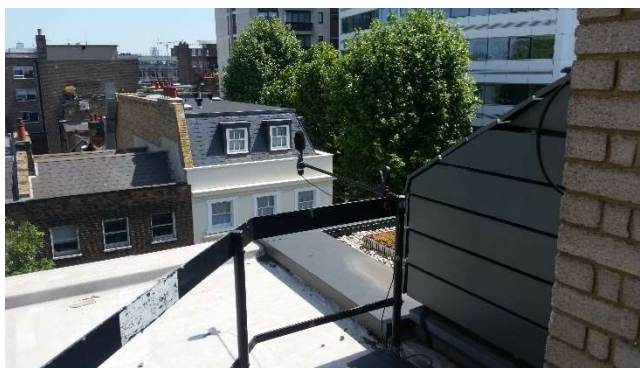


Figure 3.2: Measurement Location 1,
with sight over Charlotte Street

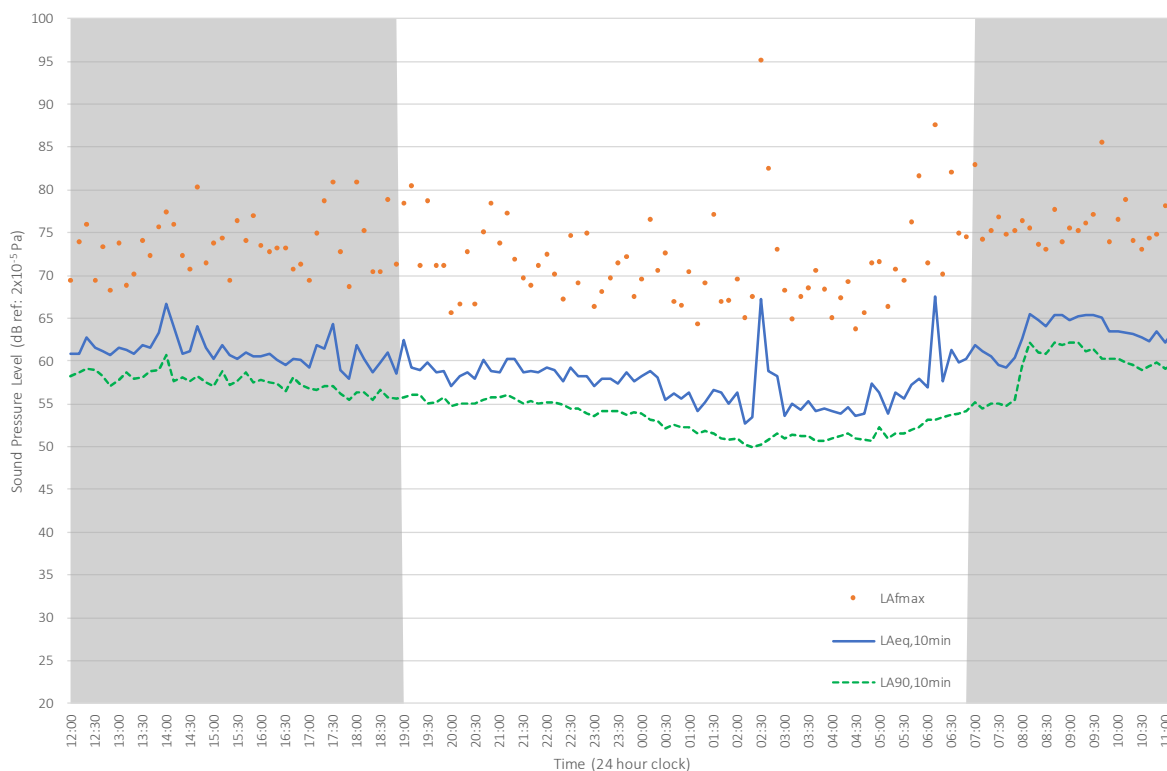


Figure 3.3: Measurement Location 2,
close to residential neighbour

- 3.2.6 The weather conditions throughout the measurement periods were dry and warm with low wind speeds. The weather conditions are considered to have been conducive to obtaining reliable noise measurement data.
- 3.2.7 Construction noise from some sites within the neighbourhood would have influenced the measured noise levels and so data recorded at times when construction activity may have taken place (between 7am and 7pm on the Thursday, Friday and Monday and from 7am to 1pm on the Saturday) has not been used in the noise emission assessment. The measured data has however been included for completeness.

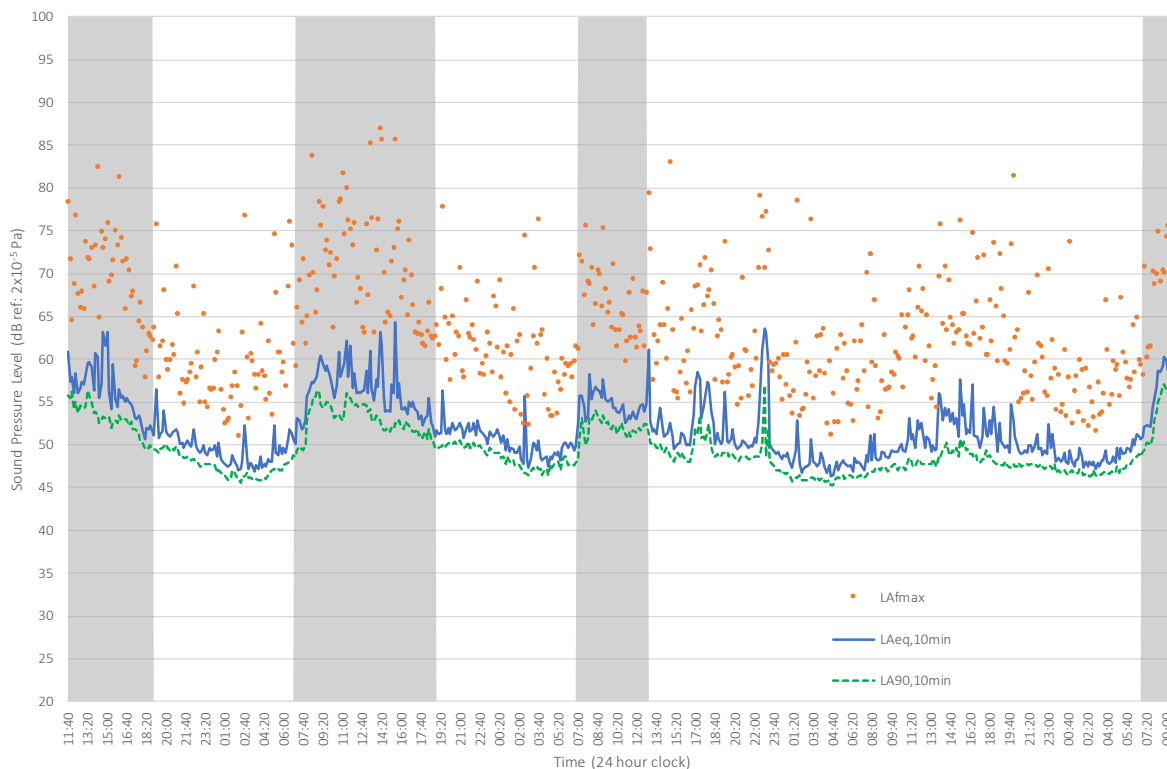
3.3 MEASUREMENT RESULTS

3.3.1 The measurement results are presented in Appendix A. Graphs showing the time histories for the measurements at the two locations are presented in Figures 3.4 & 3.5.



Note: shaded areas expected to be influenced by construction noise

Figure 3.4: External noise levels, Location 1



Note: shaded areas expected to have been influenced by construction noise

Figure 3.5: External noise levels, Location 2

- 3.3.2 The lowest measured background noise levels typically expected to occur during the daytime, and night-time at the nearest noise sensitive properties around the development are set down in Table 3.2. These levels have been determined based on the measured data and have assumed that the lowest levels measured are representative of those likely to be experienced at the facades of noise sensitive properties.

Time Period	Background noise levels	
	Location 1	Location 2
Daytime (07:00-23:00)	54 dB $L_{A90,10min}$	46 dB $L_{A90,10min}$
Night-time (23:00-07:00)	50 dB $L_{A90,10min}$	45 dB $L_{A90,10min}$

All values are sound pressure levels in dB re: 2×10^{-5} Pa

Table 3.2: Summary of lowest measured background noise levels

3.4 COMMENTARY

- 3.4.1 Noise levels on the front elevation of the proposed development site are influenced by road traffic and pedestrian activity on Charlotte Street, and to a lesser extent other roads at the intersection with Tottenham Street. During the survey, noise from the neighbouring construction site had an influence on some of the measured data.
- 3.4.2 Noise levels to the rear of the site on Tottenham Mews are lower and will be influenced by noise from traffic on Tottenham Street and specific vehicle movements in Tottenham Mews.
- 3.4.3 It is considered that the measurement data is representative of noise levels typically encountered at the site during the evening and overnight and at weekends during the daytime. As night-time noise levels are most likely to influence the noise control measures for any building services plant, the presence of construction noise during the daytime is not considered problematic.

4 NOISE EMISSION

4.1 BUILDING SERVICES EQUIPMENT

4.1.1 The principal items of noise generating plant associated with the proposed development are expected to be the following (e.g. Daikin RXYSQ or similiar):

- 7 No. Condensers located at roof level (at full duty, noise emission ≤ 55 dB L_{pA} at 1 metre per unit)
- 1 No. Condensers at lower ground level within a lightwell (same noise emission level as above)

4.1.2 The rooftop items listed above will be surrounded by a louvred screen to further protect neighbours from noise emission. The screen will have the following sound reduction indices as a minimum:

	Frequency Hz						
	63	125	250	500	1000	2000	4000
c.150mm deep louvre	4	4	5	8	11	11	11

All values are sound reduction indices, R , measured in accordance with BS EN ISO 10140-2

Table 4.1: Sound reduction indices of louvred screen surrounding rooftop plant

4.2 BACKGROUND NOISE LEVELS

4.2.1 The measurement data obtained from the survey was recorded in 10-minute samples as this provides a good balance between detail and quantity of data over an 18-hour measurement period. BS4142 states the “measurement time interval [should be] sufficient to obtain a representative value of the background sound level for the period of interest. This should comprise continuous measurements of normally not less than 15-minute intervals, which can be contiguous or disaggregated”. However, the lowest $L_{A90,10min}$ will be lower than the lowest $L_{A90,15minr}$ and so using this lower value in any assessment will give a more conservative estimate of the likely noise impact.

4.2.2 The lowest background noise levels, as reported in Table 3.2 are considered to be suitable for setting noise emission limits from the building services plant serving the development.

4.3 NEAREST NOISE SENSITIVE NEIGHBOURS

4.3.1 The nearest noise sensitive neighbours to the proposed development site are considered to be the residential properties in the neighbouring 75 and 81 Charlotte Street. The impact on the residences across Charlotte Street, and a residential patio to the rear of the site, has also been assessed. The assumed points of reception are shown in Figure 4.1.

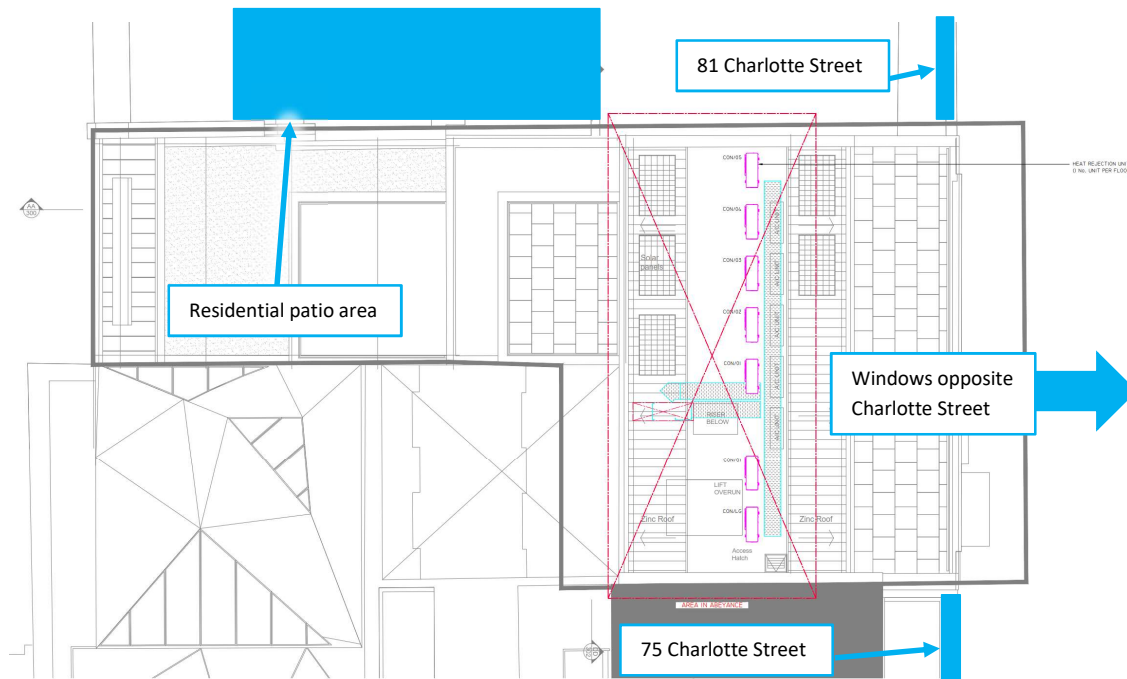


Figure 4.1 Noise emission assessment locations shown on site plan

4.4 PREDICTION OF NOISE EMISSION LEVELS

4.4.1 The *emitted noise levels* as they would be measured at a point 1 metre from the nearest window of 81 Charlotte Street, 75 Charlotte Street, and the residences opposite Charlotte Street have been calculated in accordance with the methodology presented in ISO 9613-2. This methodology has been used to predict the various attenuation effects that will apply to noise from the plant item, which can then be combined with the noise emission levels in Section 4.1 to give an *emitted noise level*. These effects are as follows:

- Attenuation due to *geometrical spreading* based on estimating distances between source and receiver.
- Attenuation due to *atmospheric absorption* and *ground effect* has not been considered as it would not provide meaningful attenuation over such short distances.
- Attenuation due to *screening* has been calculated for transmission to 75 and 81 Charlotte Street, as these windows will not have direct line-of sight to the proposed plant
- Attenuation due to the presence of the louvred screen around the rooftop plant

4.4.2 Based on all plant operating at full duty simultaneously, and the attenuation factors described in Section 5.4.1, the *emitted noise level* to the nearest window of each receiver has been calculated as follows:

- Nearest residential window of 75 Charlotte Street: 35 dB $L_{Aeq,T}$
- Nearest residential window of 81 Charlotte Street: 35 dB $L_{Aeq,T}$
- Nearest window opposite Charlotte Street: 31 dB $L_{Aeq,T}$
- Residential patio area: 26 dB $L_{Aeq,T}$

4.4.3 The predicted noise levels are between 10 and 19 dB below the lowest measured background noise level at the site. The actual noise levels emitted by the equipment will be based on the load requirements of the building, but as this assessment has assumed full load on all plant items the results of this assessment should be considered representative of a worst-case scenario.

4.4.4 Noise from the plant is not expected to be of a character that would cause undue attention (such as tonality, intermittency etc), therefore the BS 4142 *Rating Level* will be the same as the predicted levels presented above, which are all inline with the LOAEL (*Green*) noise threshold from Camden Council's Local Plan.

5 CONCLUSIONS

- 5.1 A noise impact assessment has been undertaken for the proposed commercial office development at 77 Charlotte Street. As part of this assessment a noise survey has been undertaken at two locations on the roof of the existing property. The information from the survey is essential for determining the limits to noise emission.
- 5.2 Noise emission from fixed building services equipment associated with the development has been considered in line with the noise thresholds presented within Camden Council's Local Plan. It has been predicted that the current proposals will be in-line with the London Borough of Camden's objective standards when measured at the nearest windows of 75 or 81 Charlotte Street; any of the windows opposite Charlotte Street; and within the residential patio area to the rear of the site.
- 5.3 Specifically, the predicted BS 4142:2014 *Rating Levels* are all within the **LOAEL (Green)** noise threshold from Camden Council's Local Plan.

APPENDIX A - NOISE LEVEL DATA

A selection of the measured noise level data are presented in the tables in this appendix. The full set of data are available in electronic form on request.

All values are sound pressure levels in dB re 2×10^{-5} Pa.

Table A1: Statistical measurement data (location 1)

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
06/06/2018 12:00	60.8	69.4	56.7	62.7	58.2
06/06/2018 12:10	60.9	74.0	56.4	62.9	58.6
06/06/2018 12:20	62.8	75.9	56.9	65.4	59.1
06/06/2018 12:30	61.5	69.4	56.9	63.6	58.9
06/06/2018 12:40	61.2	73.4	56.2	63.3	58.2
06/06/2018 12:50	60.7	68.2	54.8	63.5	57.1
06/06/2018 13:00	61.6	73.8	54.8	63.4	57.8
06/06/2018 13:10	61.3	68.9	56.5	63.1	58.6
06/06/2018 13:20	60.8	70.1	56.2	62.8	58.0
06/06/2018 13:30	61.9	74.1	55.2	64.5	58.1
06/06/2018 13:40	61.5	72.3	55.6	63.3	58.8
06/06/2018 13:50	63.3	75.7	56.5	66.7	59.0
06/06/2018 14:00	66.6	77.4	57.3	69.7	60.7
06/06/2018 14:10	64.0	76.0	55.2	67.4	57.7
06/06/2018 14:20	60.8	72.3	55.5	63.0	58.1
06/06/2018 14:30	61.1	70.8	55.1	63.7	57.7
06/06/2018 14:40	64.1	80.3	56.0	65.1	58.3
06/06/2018 14:50	61.5	71.5	55.6	63.9	57.5
06/06/2018 15:00	60.3	73.8	54.2	62.5	57.0
06/06/2018 15:10	61.9	74.3	56.2	63.7	58.8
06/06/2018 15:20	60.7	69.4	54.8	63.5	57.2
06/06/2018 15:30	60.3	76.4	55.4	62.1	57.6
06/06/2018 15:40	61.0	74.1	54.9	62.7	58.6
06/06/2018 15:50	60.6	77.0	54.4	62.9	57.5
06/06/2018 16:00	60.5	73.5	55.3	62.7	57.8
06/06/2018 16:10	60.9	72.8	54.7	63.4	57.5
06/06/2018 16:20	60.1	73.2	54.9	62.1	57.4
06/06/2018 16:30	59.5	73.2	54.6	61.4	56.5
06/06/2018 16:40	60.3	70.8	54.7	61.9	58.1
06/06/2018 16:50	60.1	71.3	55.3	62.0	57.2
06/06/2018 17:00	59.2	69.4	54.9	61.3	56.8
06/06/2018 17:10	61.8	74.9	54.9	65.3	56.6
06/06/2018 17:20	61.4	78.7	54.8	63.1	57.0
06/06/2018 17:30	64.4	80.9	54.8	68.2	57.0
06/06/2018 17:40	59.0	72.7	54.3	60.8	56.2
06/06/2018 17:50	57.9	68.7	53.8	59.7	55.4
06/06/2018 18:00	61.8	80.9	54.6	61.6	56.3
06/06/2018 18:10	60.2	75.3	53.9	62.1	56.3
06/06/2018 18:20	58.6	70.4	53.4	60.4	55.5
06/06/2018 18:30	59.8	70.4	54.4	62.0	56.7
06/06/2018 18:40	61.0	78.8	53.5	61.8	55.8
06/06/2018 18:50	58.5	71.3	53.5	60.3	55.6
06/06/2018 19:00	62.5	78.5	53.6	64.5	55.7
06/06/2018 19:10	59.2	80.5	53.6	61.0	56.0
06/06/2018 19:20	59.0	71.2	54.3	61.0	56.0
06/06/2018 19:30	59.9	78.7	53.3	61.9	55.1
06/06/2018 19:40	58.7	71.1	53.1	61.5	55.2
06/06/2018 19:50	58.8	71.2	53.2	60.8	55.7
06/06/2018 20:00	57.1	65.7	52.7	58.8	54.7
06/06/2018 20:10	58.3	66.6	53.6	60.5	55.0
06/06/2018 20:20	58.7	72.7	53.0	61.0	55.0
06/06/2018 20:30	58.0	66.7	53.2	60.3	55.1
06/06/2018 20:40	60.1	75.1	53.6	63.1	55.4
06/06/2018 20:50	58.8	78.5	54.1	60.4	55.7
06/06/2018 21:00	58.7	73.8	54.0	60.5	55.8
06/06/2018 21:10	60.3	77.3	53.7	62.2	56.0
06/06/2018 21:20	60.3	71.9	53.5	63.7	55.6
06/06/2018 21:30	58.7	69.7	53.1	61.3	55.1
06/06/2018 21:40	58.8	68.9	53.5	61.1	55.3
06/06/2018 21:50	58.6	71.1	53.4	60.6	55.0
06/06/2018 22:00	59.2	72.5	53.6	60.8	55.2
06/06/2018 22:10	59.0	70.2	53.6	61.3	55.2
06/06/2018 22:20	57.7	67.3	53.2	59.9	54.9
06/06/2018 22:30	59.3	74.6	52.7	61.7	54.4
06/06/2018 22:40	58.2	69.1	52.4	60.7	54.4
06/06/2018 22:50	58.3	74.9	52.7	61.1	53.9
06/06/2018 23:00	57.1	66.4	52.3	59.6	53.6
06/06/2018 23:10	57.9	68.1	52.1	60.6	54.1
06/06/2018 23:20	58.0	69.7	52.2	60.6	54.1
06/06/2018 23:30	57.3	71.5	52.1	59.5	54.2
06/06/2018 23:40	58.6	72.2	52.0	61.6	53.7

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
06/06/2018 23:50	57.7	67.6	52.3	60.2	54.0
07/06/2018 00:00	58.3	69.5	52.5	61.4	53.8
07/06/2018 00:10	58.8	76.6	51.8	61.7	53.2
07/06/2018 00:20	58.1	70.6	51.9	61.4	53.0
07/06/2018 00:30	55.5	72.6	50.7	58.0	52.1
07/06/2018 00:40	56.2	66.9	51.2	59.1	52.5
07/06/2018 00:50	55.6	66.5	51.1	58.3	52.3
07/06/2018 01:00	56.4	70.4	50.8	59.4	52.3
07/06/2018 01:10	54.2	64.4	50.5	56.9	51.5
07/06/2018 01:20	55.2	69.1	50.7	57.9	51.8
07/06/2018 01:30	56.7	77.2	50.5	59.4	51.6
07/06/2018 01:40	56.4	67.0	49.8	60.1	51.0
07/06/2018 01:50	55.1	67.1	49.4	58.2	50.8
07/06/2018 02:00	56.4	69.5	49.3	58.8	50.9
07/06/2018 02:10	52.7	65.0	49.1	54.5	50.2
07/06/2018 02:20	53.5	67.6	48.6	55.3	50.0
07/06/2018 02:30	67.2	95.1	49.2	60.8	50.2
07/06/2018 02:40	58.8	82.5	48.7	59.7	50.8
07/06/2018 02:50	58.3	73.0	50.3	61.7	51.5
07/06/2018 03:00	53.6	68.2	49.9	55.8	51.0
07/06/2018 03:10	55.0	64.9	50.0	57.3	51.4
07/06/2018 03:20	54.3	67.6	50.0	57.0	51.2
07/06/2018 03:30	55.3	68.5	50.3	57.9	51.2
07/06/2018 03:40	54.1	70.6	49.8	57.2	50.7
07/06/2018 03:50	54.4	68.4	49.7	57.0	50.7
07/06/2018 04:00	54.2	65.0	49.8	57.6	50.9
07/06/2018 04:10	53.9	67.4	50.3	55.8	51.3
07/06/2018 04:20	54.6	69.3	50.4	56.7	51.5
07/06/2018 04:30	53.6	63.7	50.0	56.4	50.9
07/06/2018 04:40	53.9	65.7	49.6	56.3	50.8
07/06/2018 04:50	57.4	71.4	49.5	61.1	50.6
07/06/2018 05:00	56.3	71.6	50.8	59.6	52.2
07/06/2018 05:10	53.9	66.3	50.1	55.1	51.0
07/06/2018 05:20	56.3	70.8	50.3	59.9	51.5
07/06/2018 05:30	55.6	69.4	50.3	58.7	51.5
07/06/2018 05:40	57.2	76.2	50.4	59.9	52.0
07/06/2018 05:50	57.9	81.7	50.8	60.4	52.2
07/06/2018 06:00	56.9	71.5	51.9	59.4	53.1
07/06/2018 06:10	67.6	87.6	51.9	63.0	53.2
07/06/2018 06:20	57.6	70.1	52.1	60.6	53.4
07/06/2018 06:30	61.3	82.1	52.3	60.5	53.7
07/06/2018 06:40	59.9	74.9	52.5	62.4	53.9
07/06/2018 06:50	60.2	74.5	52.5	62.8	54.2
07/06/2018 07:00	61.9	82.9	52.5	63.6	55.2
07/06/2018 07:10	61.1	74.2	52.7	64.1	54.4
07/06/2018 07:20	60.5	75.2	53.4	63.3	55.0
07/06/2018 07:30	59.5	76.8	53.5	62.4	55.0
07/06/2018 07:40	59.3	74.8	53.5	61.7	54.8
07/06/2018 07:50	60.4	75.2	54.0	63.3	55.5
07/06/2018 08:00	62.6	76.4	57.7	64.3	59.6
07/06/2018 08:10	65.5	75.5	58.9	68.1	62.1
07/06/2018 08:20	64.7	73.6	58.3	66.9	61.0
07/06/2018 08:30	64.1	73.1	58.0	66.1	60.8
07/06/2018 08:40	65.4	77.7	59.2	67.6	62.2
07/06/2018 08:50	65.3	73.9	59.0	67.8	61.8
07/06/2018 09:00	64.8	75.6	59.1	66.8	62.2
07/06/2018 09:10	65.2	75.3	59.4	67.3	62.2
07/06/2018 09:20	65.3	76.1	59.2	67.6	61.2
07/06/2018 09:30	65.3	77.1	57.9	67.5	61.4
07/06/2018 09:40	65.0	85.5	57.5	67.4	60.2
07/06/2018 09:50	63.4	74.0	57.7	65.4	60.2
07/06/2018 10:00	63.5	76.6	57.7	65.3	60.2
07/06/2018 10:10	63.3	78.8	56.9	65.2	59.8
07/06/2018 10:20	63.1	74.1	56.3	65.5	59.5
07/06/2018 10:30	62.7	73.0	56.9	65.2	59.0
07/06/2018 10:40	62.3	74.3	56.6	64.3	59.4
07/06/2018 10:50	63.4	74.8	57.6	65.5	59.9
07/06/2018 11:00	62.1	78.1	56.8	64.0	59.1
07/06/2018 11:10	63.4	75.6	57.0	65.6	59.6

Table A2: Statistical measurement data (location 2)

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
07/06/2018 11:40	60.8	78.5	53.5	62.2	55.7
07/06/2018 11:50	57.3	71.7	53.5	58.8	55.5
07/06/2018 12:00	58.0	64.6	53.8	59.6	56.2
07/06/2018 12:10	56.1	68.8	52.1	57.4	54.1
07/06/2018 12:20	58.4	76.8	51.8	58.7	55.1
07/06/2018 12:30	56.1	67.7	51.7	58.0	53.7
07/06/2018 12:40	56.6	66.1	52.4	58.1	54.6
07/06/2018 12:50	57.3	68.0	51.9	59.6	54.6
07/06/2018 13:00	57.1	65.9	51.7	59.3	54.3
07/06/2018 13:10	58.0	73.8	52.3	60.1	54.4
07/06/2018 13:20	59.5	71.9	53.8	61.5	56.4
07/06/2018 13:30	59.7	71.7	52.8	62.0	55.8
07/06/2018 13:40	59.1	73.0	52.5	60.7	55.1
07/06/2018 13:50	56.4	68.5	51.7	58.8	53.7
07/06/2018 14:00	60.7	73.4	51.3	64.5	53.9
07/06/2018 14:10	60.2	82.5	51.4	61.0	53.4
07/06/2018 14:20	55.4	64.9	50.6	57.5	52.5
07/06/2018 14:30	57.1	75.0	50.9	59.8	52.9
07/06/2018 14:40	63.2	73.0	51.1	68.4	53.3
07/06/2018 14:50	61.5	74.1	50.6	67.0	53.1
07/06/2018 15:00	63.2	75.9	51.7	68.5	53.3
07/06/2018 15:10	56.2	69.1	51.4	58.1	53.3
07/06/2018 15:20	54.2	69.9	50.2	55.8	52.0
07/06/2018 15:30	59.4	71.6	50.2	61.4	52.6
07/06/2018 15:40	55.3	75.1	50.8	56.4	52.8
07/06/2018 15:50	54.5	73.3	50.4	55.8	52.5
07/06/2018 16:00	56.5	81.4	51.3	57.3	53.5
07/06/2018 16:10	55.4	74.2	51.1	56.7	52.8
07/06/2018 16:20	55.8	71.4	50.7	57.2	53.0
07/06/2018 16:30	55.0	65.9	51.6	56.5	53.0
07/06/2018 16:40	55.5	71.7	51.2	57.1	53.0
07/06/2018 16:50	55.1	70.5	50.7	57.2	52.2
07/06/2018 17:00	54.7	67.4	50.6	56.0	52.7
07/06/2018 17:10	54.3	67.9	50.1	55.8	51.8
07/06/2018 17:20	53.1	59.2	50.4	54.3	51.8
07/06/2018 17:30	53.0	59.8	50.3	54.3	51.7
07/06/2018 17:40	53.5	64.5	49.7	55.1	51.2
07/06/2018 17:50	53.1	66.6	49.0	53.6	50.4
07/06/2018 18:00	51.7	63.8	49.1	52.9	50.2
07/06/2018 18:10	50.7	58.0	48.2	51.8	49.5
07/06/2018 18:20	52.0	61.0	48.3	54.0	49.7
07/06/2018 18:30	51.8	63.0	48.0	53.1	49.6
07/06/2018 18:40	52.3	62.8	48.8	54.2	49.9
07/06/2018 18:50	51.6	62.3	48.5	53.0	49.5
07/06/2018 19:00	51.1	63.8	48.1	52.1	49.5
07/06/2018 19:10	56.5	75.8	48.3	53.6	49.4
07/06/2018 19:20	50.8	58.0	47.9	52.2	49.1
07/06/2018 19:30	51.2	61.6	48.4	52.4	49.5
07/06/2018 19:40	51.6	62.2	48.4	53.2	49.7
07/06/2018 19:50	54.0	68.1	48.7	56.2	49.8
07/06/2018 20:00	51.5	60.0	48.9	52.9	50.1
07/06/2018 20:10	51.3	58.8	48.3	52.7	49.7
07/06/2018 20:20	50.9	60.0	48.3	52.2	49.4
07/06/2018 20:30	51.4	61.7	48.5	52.9	49.6
07/06/2018 20:40	51.5	60.6	47.9	53.3	49.3
07/06/2018 20:50	51.9	70.9	48.2	52.9	49.8
07/06/2018 21:00	51.5	65.3	48.2	52.6	49.7
07/06/2018 21:10	50.1	56.1	47.5	51.4	48.7
07/06/2018 21:20	50.3	57.6	47.7	51.8	48.7
07/06/2018 21:30	49.6	54.9	47.6	50.7	48.5
07/06/2018 21:40	50.2	57.4	47.5	51.9	48.5
07/06/2018 21:50	50.5	57.7	47.6	52.0	48.7
07/06/2018 22:00	50.0	58.5	47.5	51.6	48.4
07/06/2018 22:10	49.8	59.5	47.1	51.0	48.2
07/06/2018 22:20	51.9	68.6	47.0	52.2	48.3
07/06/2018 22:30	49.9	57.9	47.0	51.3	48.1
07/06/2018 22:40	49.5	60.9	46.7	51.0	48.0
07/06/2018 22:50	49.0	55.1	46.3	50.7	47.5
07/06/2018 23:00	49.2	59.1	46.5	50.5	47.5
07/06/2018 23:10	49.9	65.3	46.8	51.3	47.8
07/06/2018 23:20	49.0	55.0	46.7	50.4	47.7
07/06/2018 23:30	48.8	54.5	46.5	50.2	47.7
07/06/2018 23:40	49.6	56.6	46.2	51.2	47.7
07/06/2018 23:50	49.3	56.5	46.5	50.6	47.8
08/06/2018 00:00	49.5	56.6	46.4	51.6	47.6
08/06/2018 00:10	49.9	60.0	46.5	52.2	47.6
08/06/2018 00:20	48.7	60.8	46.0	50.5	46.8
08/06/2018 00:30	50.2	63.3	45.7	51.8	47.1
08/06/2018 00:40	48.3	56.5	45.9	50.0	46.8
08/06/2018 00:50	47.9	54.2	45.3	49.4	46.5

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
08/06/2018 01:00	47.7	52.6	45.1	49.3	46.4
08/06/2018 01:10	47.4	52.9	44.9	49.1	46.0
08/06/2018 01:20	47.4	53.1	44.9	49.1	45.8
08/06/2018 01:30	47.8	55.6	44.8	49.3	46.1
08/06/2018 01:40	48.8	56.9	45.9	50.4	47.0
08/06/2018 01:50	48.0	58.5	45.8	49.4	46.7
08/06/2018 02:00	47.5	56.9	45.2	48.6	46.1
08/06/2018 02:10	47.0	51.1	45.2	48.2	46.0
08/06/2018 02:20	47.2	54.6	44.8	48.9	45.6
08/06/2018 02:30	48.0	63.2	45.1	49.2	46.3
08/06/2018 02:40	52.3	76.8	45.0	51.2	46.3
08/06/2018 02:50	48.3	60.3	45.6	49.6	46.8
08/06/2018 03:00	47.2	53.2	45.1	48.1	46.2
08/06/2018 03:10	47.9	60.7	45.3	49.3	46.1
08/06/2018 03:20	47.6	59.9	45.1	48.6	46.0
08/06/2018 03:30	46.9	58.2	44.8	47.4	45.8
08/06/2018 03:40	47.6	56.6	44.8	49.5	46.0
08/06/2018 03:50	47.2	58.3	44.6	48.2	45.9
08/06/2018 04:00	48.7	64.2	44.8	50.1	45.8
08/06/2018 04:10	47.3	58.7	44.6	48.8	45.9
08/06/2018 04:20	47.8	58.1	44.7	48.8	46.2
08/06/2018 04:30	47.5	55.3	45.1	48.9	46.0
08/06/2018 04:40	48.3	62.1	45.4	49.6	46.4
08/06/2018 04:50	48.0	56.0	45.9	49.0	46.8
08/06/2018 05:00	48.1	53.6	46.0	49.0	47.1
08/06/2018 05:10	52.3	74.6	45.7	51.0	47.2
08/06/2018 05:20	49.1	67.8	45.7	50.5	47.1
08/06/2018 05:30	48.8	60.9	46.0	50.2	47.2
08/06/2018 05:40	49.9	60.8	46.0	52.1	47.0
08/06/2018 05:50	48.9	58.5	45.8	50.9	47.0
08/06/2018 06:00	49.6	59.7	46.3	51.6	47.6
08/06/2018 06:10	49.0	56.9	46.8	50.4	47.7
08/06/2018 06:20	50.7	68.6	47.0	51.9	47.9
08/06/2018 06:30	51.8	76.1	47.1	51.9	48.1
08/06/2018 06:40	51.3	73.3	47.4	53.2	48.4
08/06/2018 06:50	50.6	61.9	47.5	51.9	48.8
08/06/2018 07:00	50.1	59.2	47.6	51.5	48.6
08/06/2018 07:10	53.1	66.1	48.0	55.4	49.3
08/06/2018 07:20	52.9	69.3	48.7	54.5	49.8
08/06/2018 07:30	51.9	64.4	48.1	53.6	49.5
08/06/2018 07:40	52.0	71.7	48.0	54.0	49.3
08/06/2018 07:50	52.8	61.9	48.6	54.8	49.9
08/06/2018 08:00	55.6	65.1	50.6	57.7	52.8
08/06/2018 08:10	56.4	69.9	52.3	58.5	54.0
08/06/2018 08:20	57.3	83.8	52.6	58.1	54.6
08/06/2018 08:30	57.2	70.1	54.4	58.5	55.6
08/06/2018 08:40	57.6	65.5	53.9	59.3	55.6
08/06/2018 08:50	58.0	68.1	54.5	59.4	56.3
08/06/2018 09:00	59.9	78.5	54.3	62.1	56.1
08/06/2018 09:10	60.4	75.7	52.9	62.2	54.7
08/06/2018 09:20	59.4	77.9	52.2	60.7	54.3
08/06/2018 09:30	58.7	72.8	51.8	60.5	54.8
08/06/2018 09:40	59.2	74.0	52.8	61.5	55.0
08/06/2018 09:50	58.4	71.0	52.5	60.3	54.9
08/06/2018 10:00	57.8	72.5	53.1	59.4	54.6
08/06/2018 10:10	56.4	63.8	51.9	58.8	53.7
08/06/2018 10:20	55.5	69.7	51.6	57.1	53.2
08/06/2018 10:30	56.9	71.7	51.1	58.1	53.5
08/06/2018 10:40	60.8	78.5	51.2	65.2	53.6
08/06/2018 10:50	58.0	78.7	51.0	58.5	53.2
08/06/2018 11:00	59.0	81.8	50.7	58.2	52.8
08/06/2018 11:10	59.5	74.7	51.7	62.4	53.9
08/06/2018 11:20	62.1	80.0	53.4	66.1	56.1
08/06/2018 11:30	57.9	76.3	53.9	59.2	55.6
08/06/2018 11:40	61.6	75.2	53.7	66.4	55.4
08/06/2018 11:50	56.6	73.4	53.4	57.5	54.7
08/06/2018 12:00	58.4	76.0	53.3	58.2	54.6
08/06/2018 12:10	56.0	66.6	53.3	57.2	54.7
08/06/2018 12:20	56.2	69.5	53.2	57.6	54.5
08/06/2018 12:30	56.1	68.2	53.5	57.5	54.6
08/06/2018 12:40	56.3	63.7	53.2	57.6	54.7
08/06/2018 12:50	56.3	63.1	53.5	57.7	54.8
08/06/2018 13:00	58.7	75.8	52.9	58.6	54.6
08/06/2018 13:10	56.1	67.6	51.9	57.6	53.8
08/06/2018 13:20	61.0	85.2	52.3	58.4	54.2
08/06/2018 13:30	56.6	76.6	51.3	57.7	53.0
08/06/2018 13:40	55.2	63.2	50.6	57.1	52.7
08/06/2018 13:50	57.7	72.8	51.2	59.7	53.5
08/06/2018 14:00	56.8	76.4	51.2	57.8	53.1
08/06/2018 14:10	63.2	87.0	50.5	58.8	52.9

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
08/06/2018 14:20	61.7	85.7	49.8	59.0	52.1
08/06/2018 14:30	55.6	70.2	50.1	59.4	51.7
08/06/2018 14:40	53.8	64.3	49.9	55.7	51.7
08/06/2018 14:50	54.0	65.5	50.4	55.4	52.0
08/06/2018 15:00	53.9	65.1	50.2	55.9	51.6
08/06/2018 15:10	57.0	71.5	50.7	57.7	52.0
08/06/2018 15:20	56.0	73.0	50.5	56.0	51.9
08/06/2018 15:30	64.3	85.7	51.1	69.6	52.5
08/06/2018 15:40	55.4	75.3	50.9	56.9	52.4
08/06/2018 15:50	57.2	76.1	51.2	57.4	52.9
08/06/2018 16:00	54.2	67.3	50.4	55.7	52.1
08/06/2018 16:10	54.1	69.3	50.6	55.6	51.8
08/06/2018 16:20	54.4	70.4	50.9	55.5	52.7
08/06/2018 16:30	53.6	65.2	51.0	54.6	52.4
08/06/2018 16:40	55.1	73.9	49.7	56.4	52.3
08/06/2018 16:50	54.5	69.9	50.3	56.1	51.8
08/06/2018 17:00	55.0	66.4	49.9	57.1	51.6
08/06/2018 17:10	54.1	63.2	50.0	56.2	51.6
08/06/2018 17:20	53.8	63.0	50.3	55.5	51.8
08/06/2018 17:30	53.0	64.4	49.8	54.3	51.1
08/06/2018 17:40	53.5	62.9	49.9	55.9	51.3
08/06/2018 17:50	52.3	61.8	49.6	53.6	50.8
08/06/2018 18:00	53.2	61.5	50.2	54.6	51.5
08/06/2018 18:10	53.5	63.3	49.1	55.0	50.7
08/06/2018 18:20	55.4	66.6	50.0	58.2	51.9
08/06/2018 18:30	52.6	62.7	49.3	54.4	50.6
08/06/2018 18:40	52.3	62.4	49.3	53.5	50.7
08/06/2018 18:50	51.0	62.7	48.3	52.2	49.6
08/06/2018 19:00	51.7	64.0	48.6	52.7	49.8
08/06/2018 19:10	51.3	61.7	48.4	52.6	49.7
08/06/2018 19:20	51.4	68.2	48.4	52.4	49.8
08/06/2018 19:30	56.4	77.8	48.4	54.8	50.0
08/06/2018 19:40	51.8	64.9	48.7	52.6	49.7
08/06/2018 19:50	51.2	60.0	48.9	52.4	50.0
08/06/2018 20:00	52.0	64.2	49.1	53.4	50.2
08/06/2018 20:10	51.3	57.7	49.0	52.4	50.1
08/06/2018 20:20	52.5	65.1	48.8	53.9	50.1
08/06/2018 20:30	51.7	60.6	49.2	53.0	50.4
08/06/2018 20:40	51.9	63.1	48.6	53.3	50.1
08/06/2018 20:50	52.3	62.8	48.9	53.9	50.4
08/06/2018 21:00	52.6	70.7	49.0	53.6	50.5
08/06/2018 21:10	51.8	58.6	48.6	53.7	49.8
08/06/2018 21:20	50.8	57.9	48.4	52.0	49.6
08/06/2018 21:30	51.9	67.0	48.5	53.6	49.8
08/06/2018 21:40	52.5	63.0	48.9	54.5	50.4
08/06/2018 21:50	51.6	62.6	48.4	52.9	49.7
08/06/2018 22:00	51.8	64.1	48.1	53.3	49.7
08/06/2018 22:10	52.6	62.3	48.5	54.5	50.2
08/06/2018 22:20	51.1	61.2	48.4	52.6	49.6
08/06/2018 22:30	52.8	69.1	48.3	55.1	49.8
08/06/2018 22:40	51.7	58.4	48.5	53.2	50.0
08/06/2018 22:50	51.4	59.5	48.2	53.1	49.5
08/06/2018 23:00	51.3	58.3	48.2	52.9	49.5
08/06/2018 23:10	50.8	60.4	47.6	52.3	48.9
08/06/2018 23:20	50.1	63.2	47.6	51.4	48.8
08/06/2018 23:30	51.5	61.9	48.2	52.9	49.6
08/06/2018 23:40	51.1	58.5	47.6	52.5	49.3
08/06/2018 23:50	51.0	67.4	47.6	52.3	49.0
09/06/2018 00:00	51.4	66.2	47.1	54.3	49.0
09/06/2018 00:10	51.8	61.4	47.4	53.9	49.0
09/06/2018 00:20	51.0	69.3	47.6	52.4	49.0
09/06/2018 00:30	50.3	57.9	47.0	52.0	48.5
09/06/2018 00:40	51.1	60.8	47.2	53.4	48.6
09/06/2018 00:50	49.4	56.1	46.5	50.9	47.8
09/06/2018 01:00	50.6	61.6	47.0	52.1	48.7
09/06/2018 01:10	49.2	55.0	46.7	50.4	48.0
09/06/2018 01:20	49.7	60.5	46.5	51.1	47.9
09/06/2018 01:30	49.5	66.0	47.1	50.5	48.2
09/06/2018 01:40	49.1	54.2	46.6	50.7	47.6
09/06/2018 01:50	49.1	62.1	46.8	50.2	47.7
09/06/2018 02:00	49.8	62.9	46.2	51.3	47.6
09/06/2018 02:10	48.4	53.6	46.2	49.4	47.3
09/06/2018 02:20	47.8	52.5	45.5	49.0	46.7
09/06/2018 02:30	55.7	74.5	45.7	57.7	46.7
09/06/2018 02:40	48.3	55.8	45.5	49.8	46.6
09/06/2018 02:50	47.3	52.4	45.6	48.4	46.5
09/06/2018 03:00	48.4	59.0	45.8	49.4	46.9
09/06/2018 03:10	50.3	62.7	46.5	52.3	47.3
09/06/2018 03:20	50.1	70.7	46.1	51.3	47.2
09/06/2018 03:30	49.4	61.8	46.4	51.0	47.5
09/06/2018 03:40	50.5	76.4	46.1	51.5	47.2
09/06/2018 03:50	48.5	62.9	46.2	49.4	47.2
09/06/2018 04:00	48.2	63.5	45.1	49.6	46.4

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
09/06/2018 04:10	48.5	55.9	45.9	49.7	47.0
09/06/2018 04:20	48.6	60.1	45.7	49.4	47.2
09/06/2018 04:30	47.5	54.1	45.4	48.4	46.4
09/06/2018 04:40	48.7	53.5	46.6	49.5	47.7
09/06/2018 04:50	48.3	53.4	46.5	49.0	47.3
09/06/2018 05:00	49.0	58.5	46.5	49.9	47.8
09/06/2018 05:10	48.8	53.7	46.5	49.7	47.9
09/06/2018 05:20	49.2	57.3	47.2	50.4	48.1
09/06/2018 05:30	48.2	56.5	46.3	49.2	47.1
09/06/2018 05:40	49.6	60.1	46.8	50.7	48.1
09/06/2018 05:50	50.3	58.2	47.8	52.2	48.7
09/06/2018 06:00	50.2	59.6	47.8	51.5	48.7
09/06/2018 06:10	49.6	59.3	46.7	51.3	47.6
09/06/2018 06:20	50.3	59.6	46.7	52.6	47.8
09/06/2018 06:30	50.1	57.9	46.6	52.8	47.8
09/06/2018 06:40	49.4	59.9	46.8	51.4	47.6
09/06/2018 06:50	49.8	61.6	46.9	51.4	47.9
09/06/2018 07:00	52.6	61.3	46.8	55.2	48.2
09/06/2018 07:10	55.8	72.2	49.3	57.5	50.6
09/06/2018 07:20	55.7	71.5	50.3	56.7	53.1
09/06/2018 07:30	54.4	67.6	49.9	55.7	51.0
09/06/2018 07:40	52.7	75.7	48.7	53.6	49.9
09/06/2018 07:50	53.4	69.2	49.4	54.8	50.7
09/06/2018 08:00	58.3	68.9	51.4	62.1	53.1
09/06/2018 08:10	55.3	70.7	51.1	57.1	52.9
09/06/2018 08:20	56.0	64.0	51.5	58.2	53.3
09/06/2018 08:30	56.8	66.5	51.7	59.0	54.0
09/06/2018 08:40	56.4	70.4	51.1	58.4	53.3
09/06/2018 08:50	56.3	70.0	50.7	58.4	53.0
09/06/2018 09:00	55.4	66.2	50.7	57.7	52.5
09/06/2018 09:10	57.7	75.4	52.1	59.7	53.5
09/06/2018 09:20	55.3	68.2	51.3	57.2	52.6
09/06/2018 09:30	55.0	65.5	50.3	56.6	52.7
09/06/2018 09:40	55.2	66.6	50.1	57.7	52.0
09/06/2018 09:50	55.4	63.7	50.5	58.1	51.9
09/06/2018 10:00	54.3	71.1	50.4	56.0	52.2
09/06/2018 10:10	54.3	63.4	50.4	56.0	52.2
09/06/2018 10:20	53.9	61.5	50.1	56.2	51.3
09/06/2018 10:30	53.7	63.5	50.2	55.1	51.8
09/06/2018 10:40	54.3	65.3	51.1	55.8	52.5
09/06/2018 10:50	54.8	65.2	50.1	57.0	52.0
09/06/2018 11:00	52.6	59.8	50.2	53.7	51.2
09/06/2018 11:10	52.7	62.1	49.4	54.1	50.9
09/06/2018 11:20	53.4	67.8	49.0	54.9	51.5
09/06/2018 11:30	53.0	62.6	49.4	54.6	50.9
09/06/2018 11:40	53.8	69.4	50.3	55.1	51.7
09/06/2018 11:50	53.1	62.6	50.2	54.3	51.6
09/06/2018 12:00	53.0	61.4	49.5	54.4	51.4
09/06/2018 12:10	54.2	63.9	50.6	55.9	52.0
09/06/2018 12:20	54.6	63.3	49.9	56.2	51.7
09/06/2018 12:30	54.8	67.9	50.4	55.9	51.9
09/06/2018 12:40	53.8	61.5	50.9	55.2	52.4
09/06/2018 12:50	54.8	67.8	50.9	56.4	52.4
09/06/2018 13:00	61.1	79.5	49.8	63.3	51.2
09/06/2018 13:10	52.7	72.9	48.9	53.1	50.2
09/06/2018 13:20	51.6	57.7	48.7	53.1	50.1
09/06/2018 13:30	51.9	62.9	48.9	52.9	50.3
09/06/2018 13:40	51.3	59.5	48.3	52.9	49.7
09/06/2018 13:50	52.3	62.1	48.1	53.1	49.6
09/06/2018 14:00	54.3	64.1	48.4	57.5	50.1
09/06/2018 14:10	52.0	69.0	47.8	54.2	49.2
09/06/2018 14:20	51.0	64.0	48.0	52.4	49.0
09/06/2018 14:30	51.2	60.1	48.4	52.6	49.6
09/06/2018 14:40	51.4	66.0	47.5	52.8	49.5
09/06/2018 14:50	52.6	83.1	47.3	52.6	48.6
09/06/2018 15:00	51.0	63.5	46.9	52.9	48.3
09/06/2018 15:10	49.5	56.4	46.6	51.0	48.0
09/06/2018 15:20	50.0	56.2	47.4	51.1	48.8
09/06/2018 15:30	50.1	55.5	48.1	51.2	49.0
09/06/2018 15:40	50.2	58.5	47.5	51.6	48.6
09/06/2018 15:50	51.4	64.7	47.7	53.2	49.1
09/06/2018 16:00	51.1	59.8	46.7	53.2	48.5
09/06/2018 16:10	50.0	57.2	47.2	51.5	48.4
09/06/2018 16:20	50.1	61.0	46.8	51.8	48.1
09/06/2018 16:30	49.9	56.2	46.9	51.5	48.1
09/06/2018 16:40	51.2	65.8	47.5	52.6	48.9
09/06/2018 16:50	53.6	63.6	48.2	56.1	49.9
09/06/2018 17:00	56.8	68.5	49.9	59.6	51.9
09/06/2018 17:10	58.5	68.7	47.3	61.6	51.4
09/06/2018 17:20	57.7	71.0	51.0	60.4	53.5
09/06/2018 17:30	53.2	63.3	48.7	54.8	50.8
09/06/2018 17:40	54.5	66.3	48.3	57.2	51.0
09/06/2018 17:50	55.4	71.9	47.7	57.9	50.4

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
09/06/2018 18:00	57.3	67.4	48.5	60.2	51.7
09/06/2018 18:10	57.1	68.1	49.0	60.0	52.4
09/06/2018 18:20	53.9	70.5	47.8	56.8	49.8
09/06/2018 18:30	52.5	66.5	47.2	55.2	48.6
09/06/2018 18:40	50.1	57.6	47.1	51.3	48.7
09/06/2018 18:50	51.4	62.7	47.4	53.1	48.9
09/06/2018 19:00	50.6	64.6	47.2	51.8	48.7
09/06/2018 19:10	50.1	63.5	47.2	51.4	48.6
09/06/2018 19:20	50.5	57.3	47.8	51.9	49.0
09/06/2018 19:30	56.2	73.8	47.7	58.4	49.1
09/06/2018 19:40	50.4	57.3	47.9	51.6	49.2
09/06/2018 19:50	50.2	58.2	47.9	51.6	48.7
09/06/2018 20:00	50.7	60.3	47.6	51.9	49.0
09/06/2018 20:10	51.9	60.6	46.9	54.5	48.9
09/06/2018 20:20	50.1	59.1	47.4	51.4	48.5
09/06/2018 20:30	49.5	54.7	47.3	50.9	48.2
09/06/2018 20:40	49.7	59.3	47.0	51.0	48.1
09/06/2018 20:50	49.9	55.5	47.5	51.2	48.6
09/06/2018 21:00	50.5	69.6	47.2	51.7	48.6
09/06/2018 21:10	50.2	61.1	47.5	51.4	48.7
09/06/2018 21:20	50.1	61.0	47.2	51.2	48.7
09/06/2018 21:30	49.6	55.8	47.2	50.8	48.3
09/06/2018 21:40	50.0	58.8	47.2	51.4	48.4
09/06/2018 21:50	49.8	56.9	46.7	51.3	48.3
09/06/2018 22:00	50.8	63.3	47.5	52.6	48.7
09/06/2018 22:10	50.2	60.1	47.0	51.6	48.6
09/06/2018 22:20	52.6	70.8	46.8	54.7	48.6
09/06/2018 22:30	55.3	79.2	47.2	56.4	48.6
09/06/2018 22:40	61.1	76.7	47.5	64.5	50.2
09/06/2018 22:50	63.6	70.7	46.6	66.5	56.9
09/06/2018 23:00	63.0	77.3	46.8	67.7	48.7
09/06/2018 23:10	59.6	72.7	47.7	62.7	51.8
09/06/2018 23:20	50.1	59.7	46.7	51.6	48.1
09/06/2018 23:30	49.5	58.6	46.7	50.8	47.8
09/06/2018 23:40	49.4	59.4	46.4	51.0	47.6
09/06/2018 23:50	48.9	59.6	45.8	50.8	47.1
10/06/2018 00:00	49.2	60.1	45.7	50.6	47.0
10/06/2018 00:10	48.8	57.9	45.8	50.4	47.0
10/06/2018 00:20	48.3	55.3	45.5	49.8	46.6
10/06/2018 00:30	48.8	60.6	45.8	50.6	46.8
10/06/2018 00:40	48.6	57.1	45.4	50.2	46.6
10/06/2018 00:50	49.1	60.6	45.8	50.9	46.8
10/06/2018 01:00	48.1	55.8	45.2	49.8	46.4
10/06/2018 01:10	47.3	53.7	44.5	48.9	45.7
10/06/2018 01:20	48.1	56.3	44.6	50.0	45.9
10/06/2018 01:30	49.4	62.0	44.6	50.5	46.1
10/06/2018 01:40	52.8	78.6	45.0	50.9	46.2
10/06/2018 01:50	47.8	53.4	45.3	49.2	46.5
10/06/2018 02:00	46.8	54.2	44.5	47.7	45.8
10/06/2018 02:10	47.2	54.3	44.6	48.6	45.8
10/06/2018 02:20	47.5	55.9	44.7	48.9	45.9
10/06/2018 02:30	47.5	59.7	44.9	48.2	45.9
10/06/2018 02:40	47.7	58.5	44.7	49.4	46.0
10/06/2018 02:50	50.6	76.4	45.0	51.8	46.1
10/06/2018 03:00	48.1	55.5	45.0	50.0	46.2
10/06/2018 03:10	47.7	58.1	44.8	49.2	45.9
10/06/2018 03:20	47.5	62.7	45.0	48.7	46.1
10/06/2018 03:30	47.9	58.7	44.8	49.5	45.9
10/06/2018 03:40	49.0	62.9	45.0	50.5	46.0
10/06/2018 03:50	48.3	63.6	45.2	49.1	46.1
10/06/2018 04:00	47.5	58.4	44.7	48.9	45.7
10/06/2018 04:10	46.7	52.6	44.8	47.6	45.7
10/06/2018 04:20	47.6	59.9	44.8	49.3	45.9
10/06/2018 04:30	46.3	51.3	44.0	47.2	45.3
10/06/2018 04:40	46.5	56.0	44.3	47.0	45.3
10/06/2018 04:50	47.0	52.7	45.0	48.0	45.9
10/06/2018 05:00	48.0	61.3	45.3	47.9	46.1
10/06/2018 05:10	47.1	52.7	45.3	48.4	46.1
10/06/2018 05:20	47.8	62.9	45.2	48.0	46.1
10/06/2018 05:30	48.2	57.8	45.5	49.0	46.5
10/06/2018 05:40	47.9	61.8	44.9	49.0	46.0
10/06/2018 05:50	47.6	58.6	45.2	48.5	46.3
10/06/2018 06:00	47.5	54.9	45.7	48.4	46.5
10/06/2018 06:10	47.6	54.8	45.4	48.6	46.5
10/06/2018 06:20	46.9	52.9	45.0	47.7	46.1
10/06/2018 06:30	48.5	62.1	45.5	49.3	46.3
10/06/2018 06:40	47.9	56.5	45.3	49.7	46.1
10/06/2018 06:50	48.1	57.5	45.4	49.6	46.3
10/06/2018 07:00	47.7	62.1	45.6	48.8	46.5
10/06/2018 07:10	47.5	64.1	45.4	48.5	46.2
10/06/2018 07:20	47.1	58.7	45.1	47.6	46.1
10/06/2018 07:30	48.8	70.1	45.5	49.6	46.4
10/06/2018 07:40	48.0	54.5	45.9	49.5	46.8

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
10/06/2018 07:50	51.1	72.4	45.9	52.1	46.9
10/06/2018 08:00	48.2	59.7	45.9	49.7	46.9
10/06/2018 08:10	51.2	66.9	45.9	51.0	46.9
10/06/2018 08:20	48.5	59.2	46.1	49.4	47.3
10/06/2018 08:30	48.2	53.2	46.3	49.1	47.3
10/06/2018 08:40	48.4	53.9	45.8	49.9	47.1
10/06/2018 08:50	49.2	57.5	46.3	51.1	47.3
10/06/2018 09:00	49.0	62.9	46.0	50.8	47.2
10/06/2018 09:10	48.7	56.5	46.4	50.0	47.3
10/06/2018 09:20	48.5	56.7	45.7	50.0	46.9
10/06/2018 09:30	48.5	56.8	45.8	50.1	47.1
10/06/2018 09:40	49.4	58.5	46.3	51.2	47.4
10/06/2018 09:50	49.2	58.3	46.8	50.6	47.8
10/06/2018 10:00	49.2	60.8	46.9	50.4	47.8
10/06/2018 10:10	49.2	60.4	46.1	50.5	47.1
10/06/2018 10:20	49.6	60.1	45.9	50.9	47.3
10/06/2018 10:30	50.1	65.2	46.4	51.2	47.4
10/06/2018 10:40	49.3	56.8	46.5	50.9	47.5
10/06/2018 10:50	49.2	63.7	45.8	50.8	47.1
10/06/2018 11:00	50.7	65.2	46.7	52.2	48.1
10/06/2018 11:10	53.2	68.1	47.1	55.5	48.5
10/06/2018 11:20	50.6	62.5	47.0	53.1	48.1
10/06/2018 11:30	51.3	62.8	46.2	52.9	47.5
10/06/2018 11:40	49.6	60.2	46.4	51.4	47.4
10/06/2018 11:50	52.9	66.1	46.8	54.5	48.2
10/06/2018 12:00	51.9	70.9	46.9	53.4	48.4
10/06/2018 12:10	52.6	65.6	46.5	55.1	47.8
10/06/2018 12:20	51.5	68.3	46.5	51.3	47.7
10/06/2018 12:30	49.6	59.8	46.8	50.8	47.8
10/06/2018 12:40	51.0	65.2	46.7	51.9	47.8
10/06/2018 12:50	50.6	61.5	46.5	52.2	47.8
10/06/2018 13:00	49.2	55.4	46.4	50.5	47.7
10/06/2018 13:10	49.9	57.7	47.0	51.2	48.3
10/06/2018 13:20	49.4	59.3	46.7	50.8	47.7
10/06/2018 13:30	49.5	54.4	46.1	52.1	47.5
10/06/2018 13:40	56.1	69.7	46.9	59.4	48.6
10/06/2018 13:50	55.8	75.8	47.1	56.7	48.5
10/06/2018 14:00	52.9	64.2	47.3	55.1	49.3
10/06/2018 14:10	54.3	70.9	47.9	55.5	49.8
10/06/2018 14:20	53.4	63.5	48.4	55.9	50.2
10/06/2018 14:30	54.2	69.3	46.9	56.8	49.1
10/06/2018 14:40	52.7	64.9	46.8	55.1	48.8
10/06/2018 14:50	53.7	64.0	47.4	57.1	49.3
10/06/2018 15:00	52.4	61.9	47.3	54.7	49.0
10/06/2018 15:10	53.2	63.1	48.1	55.8	49.6
10/06/2018 15:20	50.9	63.5	47.4	52.7	48.7
10/06/2018 15:30	57.7	76.3	47.9	57.8	50.6
10/06/2018 15:40	53.5	65.4	48.0	56.0	49.6
10/06/2018 15:50	54.7	65.4	48.0	57.7	50.4
10/06/2018 16:00	51.2	62.7	47.5	52.4	49.3
10/06/2018 16:10	51.9	61.8	47.6	53.4	49.5
10/06/2018 16:20	51.4	61.7	47.5	53.1	48.9
10/06/2018 16:30	57.1	74.8	47.3	57.8	48.9
10/06/2018 16:40	51.1	63.0	47.0	53.1	48.5
10/06/2018 16:50	51.0	66.8	47.3	52.3	48.8
10/06/2018 17:00	51.0	71.9	46.8	51.6	48.1
10/06/2018 17:10	49.6	62.4	46.7	50.9	47.9
10/06/2018 17:20	51.0	63.7	46.9	52.2	48.4
10/06/2018 17:30	54.3	72.2	46.6	53.0	48.3
10/06/2018 17:40	51.2	60.5	48.0	52.9	49.3
10/06/2018 17:50	50.9	60.6	47.4	52.7	48.7
10/06/2018 18:00	52.9	66.9	47.2	54.6	48.8
10/06/2018 18:10	51.3	62.1	47.1	53.4	48.3
10/06/2018 18:20	54.5	73.6	46.7	52.7	48.0
10/06/2018 18:30	51.1	66.2	46.5	52.0	47.7
10/06/2018 18:40	49.2	59.9	46.5	50.5	47.7
10/06/2018 18:50	52.5	72.4	46.3	53.7	47.6
10/06/2018 19:00	50.4	68.3	46.4	51.9	47.6
10/06/2018 19:10	50.0	65.1	46.2	51.3	47.6
10/06/2018 19:20	49.7	59.9	46.9	51.1	48.0
10/06/2018 19:30	49.9	59.5	46.3	51.7	47.6
10/06/2018 19:40	49.1	61.1	46.4	50.8	47.3
10/06/2018 19:50	54.7	73.5	46.1	54.2	47.5
10/06/2018 20:00	52.9	81.5	46.5	52.1	47.8
10/06/2018 20:10	50.9	62.6	46.3	54.0	47.5
10/06/2018 20:20	49.9	63.4	46.5	51.6	47.5
10/06/2018 20:30	49.3	55.1	46.8	50.6	47.9
10/06/2018 20:40	48.9	55.4	46.2	50.1	47.5
10/06/2018 20:50	49.0	56.0	46.6	50.4	47.6
10/06/2018 21:00	49.3	58.7	46.5	51.0	47.6
10/06/2018 21:10	49.1	56.2	46.5	50.6	47.7
10/06/2018 21:20	50.0	67.8	46.5	51.5	47.6
10/06/2018 21:30	49.9	58.1	46.6	51.7	47.7

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
10/06/2018 21:40	49.2	55.3	46.6	50.7	47.7
10/06/2018 21:50	49.8	59.7	46.2	51.2	47.8
10/06/2018 22:00	51.3	69.8	46.3	51.8	47.5
10/06/2018 22:10	49.5	61.8	46.4	50.6	47.5
10/06/2018 22:20	49.6	61.6	46.9	51.3	47.8
10/06/2018 22:30	48.8	60.3	46.3	50.3	47.4
10/06/2018 22:40	49.3	56.2	46.1	51.4	47.2
10/06/2018 22:50	48.9	55.7	46.1	50.3	47.5
10/06/2018 23:00	52.4	70.6	46.5	52.0	47.6
10/06/2018 23:10	49.6	57.8	46.1	51.7	47.5
10/06/2018 23:20	51.2	62.3	46.0	53.7	47.2
10/06/2018 23:30	49.3	58.9	46.4	50.4	47.8
10/06/2018 23:40	48.0	54.2	45.7	49.3	46.7
10/06/2018 23:50	48.5	58.2	45.9	50.0	47.0
11/06/2018 00:00	48.0	53.8	45.6	49.3	46.8
11/06/2018 00:10	48.2	54.8	45.7	49.6	46.8
11/06/2018 00:20	49.1	61.2	46.1	50.1	47.1
11/06/2018 00:30	48.0	53.5	45.9	49.1	46.8
11/06/2018 00:40	47.7	58.0	45.7	48.6	46.5
11/06/2018 00:50	49.3	73.8	45.8	50.0	46.8
11/06/2018 01:00	48.0	52.5	45.7	48.8	47.0
11/06/2018 01:10	47.5	56.3	45.7	48.4	46.6
11/06/2018 01:20	48.2	58.1	45.4	49.5	46.6
11/06/2018 01:30	48.3	53.8	45.7	50.1	46.7
11/06/2018 01:40	49.7	60.0	46.0	52.2	47.2
11/06/2018 01:50	48.6	58.8	45.9	50.2	46.9
11/06/2018 02:00	47.3	52.9	45.4	48.1	46.5
11/06/2018 02:10	48.1	58.9	45.6	49.1	46.6
11/06/2018 02:20	47.5	52.3	45.0	48.2	46.6
11/06/2018 02:30	48.1	56.8	45.0	49.5	46.3
11/06/2018 02:40	47.6	55.0	45.4	48.7	46.4
11/06/2018 02:50	48.1	53.3	45.9	49.5	47.0
11/06/2018 03:00	47.2	51.7	45.3	48.3	46.4
11/06/2018 03:10	47.9	57.4	45.2	49.3	46.3
11/06/2018 03:20	47.4	53.6	45.3	48.5	46.4
11/06/2018 03:30	48.2	53.9	45.3	49.4	46.6
11/06/2018 03:40	48.2	56.1	45.6	49.4	46.7

Date & Time	L _{Aeq}	L _{AFmax}	L _{AFmin}	L _{A10}	L _{A90}
11/06/2018 03:50	49.4	66.9	45.7	50.8	46.9
11/06/2018 04:00	48.1	61.2	45.4	49.4	46.7
11/06/2018 04:10	47.7	54.7	45.8	48.8	46.6
11/06/2018 04:20	48.1	55.9	45.9	49.3	46.9
11/06/2018 04:30	48.6	59.8	45.7	50.0	46.7
11/06/2018 04:40	47.9	58.8	45.7	48.9	46.7
11/06/2018 04:50	49.7	59.4	46.2	51.6	47.4
11/06/2018 05:00	48.3	55.7	45.8	49.6	46.8
11/06/2018 05:10	49.6	67.2	45.9	50.8	47.3
11/06/2018 05:20	48.9	60.9	46.1	50.1	47.2
11/06/2018 05:30	49.0	59.7	46.4	50.4	47.3
11/06/2018 05:40	49.7	57.8	46.5	51.5	47.8
11/06/2018 05:50	49.5	56.8	46.5	51.3	47.7
11/06/2018 06:00	49.2	57.6	46.7	50.7	47.7
11/06/2018 06:10	50.6	64.0	47.4	52.6	48.4
11/06/2018 06:20	49.9	58.5	47.2	51.7	48.4
11/06/2018 06:30	51.3	64.9	47.7	53.3	48.7
11/06/2018 06:40	51.0	60.0	47.9	53.0	48.9
11/06/2018 06:50	50.6	59.4	47.3	52.4	48.6
11/06/2018 07:00	51.0	58.2	48.0	52.6	49.2
11/06/2018 07:10	52.1	70.9	48.2	54.1	49.3
11/06/2018 07:20	52.3	60.2	48.7	54.0	50.2
11/06/2018 07:30	52.2	61.4	49.0	53.5	50.3
11/06/2018 07:40	52.1	61.6	48.6	54.0	49.9
11/06/2018 07:50	54.5	70.3	49.7	56.4	50.9
11/06/2018 08:00	55.2	68.8	50.8	56.7	52.9
11/06/2018 08:10	56.8	70.0	52.1	58.3	53.8
11/06/2018 08:20	58.7	75.0	53.1	60.2	55.1
11/06/2018 08:30	58.5	69.2	53.0	60.4	55.6
11/06/2018 08:40	59.3	70.4	54.3	61.0	56.9
11/06/2018 08:50	60.2	70.2	53.9	62.6	57.1
11/06/2018 09:00	59.8	74.3	53.8	61.9	56.3
11/06/2018 09:10	58.6	75.7	54.0	60.0	56.1
11/06/2018 09:20	58.8	67.0	53.5	60.4	56.6
11/06/2018 09:30	59.8	80.6	54.2	61.0	56.4
11/06/2018 09:40	59.0	72.6	54.1	61.0	56.4
11/06/2018 09:50	59.4	71.3	54.0	61.6	56.0

Table A3: Spectral measurement data (location 1)

Date & Time	Ambient L_{freq}								Maximum L_{fmax}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
06/06/2018 12:00	68.0	63.4	58.6	57.9	55.9	52.9	47.5	42.3	85.2	81.5	66.6	67.0	66.0	64.0	59.9	68.0
06/06/2018 12:10	67.6	63.6	58.9	58.1	55.9	53.0	47.7	40.5	77.7	77.5	67.7	70.8	69.9	67.9	64.0	63.7
06/06/2018 12:20	68.2	67.2	62.0	58.8	57.6	55.7	49.5	42.9	80.0	84.3	81.0	69.7	71.0	72.9	64.0	58.1
06/06/2018 12:30	67.3	63.0	58.7	57.7	56.6	54.8	49.3	41.1	80.1	72.7	66.7	64.8	66.6	64.0	60.6	55.9
06/06/2018 12:40	67.7	65.0	60.0	57.1	56.1	53.9	49.3	41.8	79.2	82.5	77.2	72.5	68.2	66.1	59.9	53.6
06/06/2018 12:50	68.9	63.1	58.7	56.8	56.1	53.4	48.0	40.8	84.8	81.6	68.2	65.0	64.2	61.8	59.0	55.7
06/06/2018 13:00	68.4	65.8	61.7	58.3	56.1	53.0	50.2	44.0	82.4	81.8	78.4	72.8	68.2	64.5	72.8	63.7
06/06/2018 13:10	66.3	63.3	58.1	57.2	55.9	54.1	51.6	45.8	78.9	76.4	66.9	66.3	64.6	65.2	64.5	59.2
06/06/2018 13:20	66.8	62.9	58.5	56.7	55.7	53.9	49.4	42.7	82.6	75.1	68.7	66.4	67.6	66.8	63.3	59.5
06/06/2018 13:30	66.4	63.0	58.6	57.3	56.5	55.4	52.2	46.3	78.6	77.2	72.3	67.7	66.5	66.3	71.8	67.9
06/06/2018 13:40	65.8	63.2	59.1	57.2	56.0	54.4	51.5	46.5	76.2	76.7	75.8	66.1	63.3	66.3	66.3	67.9
06/06/2018 13:50	68.8	66.2	64.0	60.9	57.9	54.8	49.9	43.7	78.6	82.1	78.6	74.6	72.0	64.4	62.7	66.4
06/06/2018 14:00	70.7	68.4	67.7	64.5	61.7	57.0	50.5	42.6	80.7	83.4	79.2	74.5	74.9	70.4	65.6	62.5
06/06/2018 14:10	67.8	66.5	64.0	61.6	59.1	55.2	49.9	42.4	79.2	84.3	78.5	76.0	72.7	68.4	63.1	60.3
06/06/2018 14:20	65.6	62.4	57.8	56.4	55.4	53.7	49.1	42.9	75.8	80.2	67.5	67.7	70.9	67.6	60.5	55.6
06/06/2018 14:30	66.5	61.8	57.7	56.3	55.8	54.6	51.2	44.3	82.7	74.3	65.1	67.2	65.9	66.2	65.2	64.6
06/06/2018 14:40	67.3	62.0	58.1	58.0	58.9	59.2	52.3	44.2	78.8	72.9	69.4	72.0	75.1	77.6	70.3	59.5
06/06/2018 14:50	67.2	63.9	59.9	57.7	56.2	53.8	50.9	46.1	78.1	78.3	74.8	70.7	67.0	65.0	62.8	59.9
06/06/2018 15:00	69.4	64.1	58.7	56.7	55.3	52.7	47.6	41.3	83.9	77.0	71.0	66.8	67.5	69.9	66.8	58.0
06/06/2018 15:10	68.4	65.2	60.5	58.0	56.6	54.7	50.6	45.4	83.1	82.3	76.7	74.3	68.8	64.5	61.8	67.2
06/06/2018 15:20	66.3	62.3	57.6	56.3	55.6	54.0	49.7	43.3	79.2	74.9	66.0	65.2	63.5	66.6	61.1	58.6
06/06/2018 15:30	66.0	62.0	58.1	56.5	55.5	53.1	48.6	42.9	79.9	77.1	73.8	72.2	73.0	68.8	68.0	69.6
06/06/2018 15:40	66.6	64.3	59.5	56.6	56.0	54.0	49.5	42.2	76.2	77.7	74.2	68.8	70.7	69.2	68.0	61.5
06/06/2018 15:50	66.3	63.8	58.4	56.5	55.3	53.7	49.9	42.2	75.2	78.4	70.3	69.0	65.3	67.5	75.8	57.6
06/06/2018 16:00	66.5	62.2	58.1	56.7	56.0	53.2	48.1	41.1	77.0	71.1	68.4	71.9	69.3	69.2	59.8	53.8
06/06/2018 16:10	67.3	65.8	61.4	56.5	55.6	53.3	48.8	41.7	81.3	84.1	79.3	68.2	66.7	65.8	63.8	56.8
06/06/2018 16:20	66.3	62.8	58.4	56.3	55.2	52.5	49.5	42.1	78.4	77.6	73.8	69.5	70.2	67.5	70.3	57.7
06/06/2018 16:30	65.8	62.4	58.1	56.2	54.4	51.6	47.4	42.7	81.8	78.3	73.5	73.9	67.4	69.8	59.5	63.3
06/06/2018 16:40	65.5	63.2	58.1	56.1	55.0	53.4	49.9	44.3	77.6	76.3	70.6	63.0	66.6	65.5	61.6	58.0
06/06/2018 16:50	66.5	62.2	57.7	56.4	55.2	52.7	48.1	41.7	79.5	75.3	68.1	69.1	68.1	65.9	58.0	67.6
06/06/2018 17:00	64.6	61.2	57.6	55.9	54.2	51.6	47.1	42.2	74.2	69.7	65.5	64.1	66.0	67.4	57.8	68.4
06/06/2018 17:10	69.5	69.2	62.2	59.0	56.1	52.8	47.1	43.1	86.7	88.3	78.7	76.6	69.8	70.2	66.5	68.1
06/06/2018 17:20	66.0	63.3	59.4	56.4	56.0	55.5	49.3	41.0	80.3	77.4	79.2	73.6	70.1	76.2	68.8	59.1
06/06/2018 17:30	69.6	66.0	59.8	57.2	58.2	59.7	53.8	44.7	85.6	84.4	79.9	72.1	73.2	76.9	74.6	65.2
06/06/2018 17:40	65.4	64.4	58.3	56.0	54.5	50.3	44.4	38.9	79.7	84.8	78.6	69.0	67.9	63.3	59.2	61.3
06/06/2018 17:50	65.2	62.6	57.3	55.2	53.3	49.1	43.3	37.5	76.2	76.4	70.6	65.1	64.7	64.8	60.7	57.7
06/06/2018 18:00	68.1	68.5	64.2	58.8	55.5	52.1	46.0	38.6	87.6	89.0	84.7	78.2	73.7	71.4	65.0	58.7
06/06/2018 18:10	67.7	66.6	60.8	56.6	55.2	51.2	45.9	41.1	84.9	87.6	81.1	70.2	67.4	67.3	62.6	63.0
06/06/2018 18:20	66.0	63.8	58.9	55.5	53.9	49.5	43.4	38.9	76.5	77.5	75.9	67.0	65.5	61.9	63.2	63.3
06/06/2018 18:30	68.7	63.4	58.6	56.4	55.2	51.9	45.9	39.8	86.0	75.7	71.8	64.2	66.3	66.9	60.2	62.5
06/06/2018 18:40	67.8	65.5	61.4	59.0	56.3	50.7	43.1	37.0	82.8	81.8	77.3	78.0	75.4	68.5	57.5	61.6
06/06/2018 18:50	66.3	62.6	57.4	55.1	54.3	49.5	44.4	38.2	78.3	74.6	64.1	61.3	65.3	62.2	69.7	63.3
06/06/2018 19:00	67.6	67.9	63.6	59.5	57.3	53.4	48.2	41.2	79.7	85.8	80.6	76.0	74.3	72.5	70.5	66.4
06/06/2018 19:10	67.8	63.1	57.4	55.7	54.6	51.5	45.9	39.1	83.6	77.2	65.8	65.7	71.1	77.9	71.5	62.3
06/06/2018 19:20	66.1	65.3	59.9	55.5	54.4	49.8	43.2	38.5	78.1	83.9	78.0	66.7	65.2	61.9	55.5	62.3
06/06/2018 19:30	66.1	62.2	57.3	56.0	56.7	50.6	44.5	38.2	79.3	76.3	69.7	68.9	78.2	69.0	65.0	58.1
06/06/2018 19:40	65.5	62.2	57.2	55.6	54.5	50.5	43.5	39.1	76.3	77.1	69.3	65.2	67.7	65.8	54.7	66.5
06/06/2018 19:50	66.6	61.6	57.3	55.7	54.5	50.2	44.0	41.6	77.1	71.7	69.5	67.7	65.9	64.2	63.0	64.8
06/06/2018 20:00	64.9	60.4	56.0	54.6	52.8	47.9	41.1	35.5	77.7	72.7	64.1	62.1	63.7	58.8	60.1	59.1
06/06/2018 20:10	65.8	61.6	56.3	54.8	54.0	50.3	44.5	38.6	80.2	76.9	66.0	63.6	64.6	62.8	56.8	61.5
06/06/2018 20:20	65.5	62.2	57.6	55.7	54.6	50.0	43.4	36.9	78.7	80.6	71.8	71.8	69.5	67.8	61.6	57.0
06/06/2018 20:30	65.3	61.1	57.1	55.4	53.8	49.0	42.3	36.2	81.4	74.5	69.8	63.9	62.9	61.3	56.8	50.5
06/06/2018 20:40	67.2	64.3	60.4	57.3	55.5	51.0	45.7	40.6	83.3	81.2	77.9	70.4	71.4	69.8	69.0	62.9
06/06/2018 20:50	66.1	63.0	57.5	55.6	54.2	50.4	44.9	38.1	79.0	78.0	72.5	66.9	68.1	75.0	71.8	58.9
06/06/2018 21:00	65.6	62.2	57.5	55.8	54.3	50.2	43.9	37.4	80.1	85.4	73.9	69.3	67.5	68.7	63.1	62.6
06/06/2018 21:10	66.5	62.4	59.0	56.6	55.6	52.8	48.2	42.8	79.4	81.8	81.3	68.3	67.5	74.2	70.8	64.2
06/06/2018 21:20	67.2	62.2	57.9	56.7	56.1	52.7	47.2	40.6	80.5	72.5	66.0	65.4	71.6	66.2	62.1	61.2
06/06/2018 21:30	64.8	61.1	56.8	55.5	54.5	50.7	44.1	39.1	82.9	76.3	68.2	64.2	66.0	64.5	62.4	60.7
06/06/2018 21:40	65.3	61.8	57.3	55.5	54.5	50.7	44.8	38.5	79.6	76.3	68.4	64.4	65.7	63.5	63.0	56.5
06/06/2018 21:50	65.2	61.0	57.0	55.3	54.5	50.7	43.9	39.0	80.3	72.7	67.1	66.6	65.3	66.2	60.4	61.3
06/06/2018 22:00	66.7	61.5	57.8	56.0	54.7	51.1	46.2	41.5	84.0	74.0	69.7	69.6	67.5	66.5	66.8	64.9
06/06/2018 22:10	65.9	60.9	56.8	55.9	55.5	50.3	42.8	36.6	81.0	71.7	65.9	65.7	69.8	61.8	57.0	56.0
06/06/2018 22:20	65.3	61.9	56.6	54.6	53.6	48.5	42.3	34.7	78.3	79.3	70.1	63.5	66.3	60.9	57.7	46.8
06/06/2018 22:30	66.0	61.9	60.3	56.7	54.9	49.0	44.8	35.0	79.1	75.5	75.9	69.7	67.3	64.4	72.6	48.2
06/06/2018 22:40	66.3	61.0	56.6	54.8	54.4	49.6	43.3	37.6	82.7	70.6	67.9	65.1	66.7	63.7	63.7	54.0
06/06/2018 22:50	67.3	61.7	56.5	54.5	54.7	49.3	42.2	38.8	86.0	78.7	67.1	68.9	72.7	66.7	63.7	70.9
06/06/2018 23:00	64.1	60.7	56.4	54.0	53.0	48.1	40.6	34.6	78.0	71.1	65.3	64.6	62.2	63.4	54.0	53.9
06/06/2018 23:10	65.7	62.1	58.0	55.1	53.7	48.3	41.0	35.1	77.3	71.2	69.6	66.6	66.0	60.3	55.5	54.3
06/06/2018 23:20	64.1	60.5	57.2	54.6	54.6	48.6	39.7	33.1	82.1	75.7	66.6	64.9	68.0	61.7	56.5	51.3
06/06/2018 23:30	64.9	60.6	57.3	53.9	53.4	48.1	40.6	35.0	76.9	70.7	68.3	63.0	61.6	68.4	63.9	55.1
06/06/2018 23:40	6															

Date & Time	Ambient L_{eq}								Maximum L_{fmax}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
07/06/2018 01:20	62.3	58.0	54.1	52.0	51.2	46.7	40.4	34.3	75.2	71.6	64.2	63.8	65.6	63.1	58.8	55.8
07/06/2018 01:30	62.4	58.4	54.4	52.5	53.0	48.8	42.7	34.4	76.3	80.4	71.2	66.7	71.7	73.0	67.3	55.9
07/06/2018 01:40	61.8	59.2	55.0	52.7	52.6	47.9	40.8	34.7	74.4	78.0	69.4	63.6	63.5	60.8	55.6	55.7
07/06/2018 01:50	61.8	57.7	53.4	51.6	51.5	46.2	39.0	33.2	78.1	70.3	63.0	63.3	66.1	59.0	56.4	53.1
07/06/2018 02:00	61.8	58.3	54.5	52.6	52.5	48.6	40.3	34.5	78.2	72.8	67.6	66.2	64.9	64.5	61.2	55.8
07/06/2018 02:10	60.6	56.6	52.5	49.8	48.9	42.8	35.2	30.2	76.9	67.2	60.4	59.8	63.3	56.8	51.9	48.5
07/06/2018 02:20	60.4	58.9	52.5	50.0	49.8	44.2	34.5	28.4	75.4	79.0	66.7	66.1	64.0	56.3	47.0	45.3
07/06/2018 02:30	62.3	60.9	60.7	61.5	60.7	60.8	60.6	52.6	83.1	87.0	89.1	89.8	88.2	89.0	88.8	81.6
07/06/2018 02:40	64.0	60.4	55.1	53.5	54.1	52.4	48.3	38.8	79.8	76.3	74.2	74.1	76.7	78.3	73.1	63.3
07/06/2018 02:50	64.6	60.2	56.9	54.7	54.6	49.6	43.1	39.4	79.9	76.8	70.9	69.6	70.8	67.6	58.8	67.1
07/06/2018 03:00	60.8	56.6	53.2	50.5	49.7	44.1	36.1	39.8	74.9	68.6	64.6	60.5	60.7	57.0	54.2	68.9
07/06/2018 03:10	62.3	58.0	54.1	52.2	51.0	45.4	38.5	32.4	78.5	71.2	67.8	63.3	63.8	57.8	58.6	52.3
07/06/2018 03:20	61.0	56.3	52.9	51.8	50.5	44.8	37.7	31.8	72.4	65.5	64.0	70.9	64.6	57.4	49.3	46.7
07/06/2018 03:30	61.1	56.8	53.2	51.6	51.9	46.9	38.1	31.5	77.9	68.1	62.3	62.3	65.8	62.9	54.7	50.3
07/06/2018 03:40	59.8	55.6	52.3	50.6	50.3	46.0	36.3	30.1	74.8	63.5	74.4	70.6	64.9	62.9	50.7	46.3
07/06/2018 03:50	61.8	56.3	52.4	50.8	50.6	46.2	39.2	35.1	76.6	67.6	64.4	63.9	66.2	61.9	55.3	58.6
07/06/2018 04:00	61.7	57.5	53.2	51.0	50.3	45.5	38.4	32.8	76.9	70.8	64.6	61.6	61.9	57.0	52.0	55.7
07/06/2018 04:10	61.0	56.8	53.0	50.8	49.9	45.1	37.9	34.8	78.8	70.2	66.6	64.3	64.3	58.4	52.4	60.6
07/06/2018 04:20	62.5	62.3	55.3	51.3	50.0	44.9	37.8	32.0	82.8	85.7	74.5	62.6	61.1	55.8	50.0	45.8
07/06/2018 04:30	60.6	56.5	52.8	50.4	49.7	44.5	36.7	31.3	73.1	68.9	65.8	60.5	60.7	55.3	49.1	49.1
07/06/2018 04:40	60.8	56.2	52.6	50.7	50.1	45.1	37.9	32.6	75.6	68.1	65.2	64.8	62.3	56.6	51.7	51.2
07/06/2018 04:50	63.2	59.6	56.5	54.0	52.4	50.0	45.0	38.1	80.8	75.9	72.8	69.6	65.8	64.8	61.9	56.7
07/06/2018 05:00	63.6	58.8	54.5	52.9	52.4	47.8	41.8	35.6	78.7	74.3	68.9	65.6	65.5	66.7	65.8	61.4
07/06/2018 05:10	62.1	57.7	52.9	50.6	49.8	45.2	38.9	32.6	78.1	68.5	64.4	61.2	63.6	58.5	59.6	51.1
07/06/2018 05:20	64.0	58.6	54.7	52.9	52.5	47.6	41.9	37.0	78.5	72.8	70.0	67.3	65.3	62.7	62.3	63.0
07/06/2018 05:30	62.8	57.9	53.7	51.7	51.3	48.4	40.8	35.0	76.8	66.3	63.7	65.6	65.3	64.2	60.9	56.3
07/06/2018 05:40	63.2	58.9	54.9	53.3	52.9	49.3	45.8	41.4	78.4	74.3	71.7	71.1	71.0	68.8	68.2	64.7
07/06/2018 05:50	64.7	59.7	55.7	53.7	54.1	49.8	45.4	39.9	79.6	76.0	75.9	73.0	77.9	74.9	73.3	68.4
07/06/2018 06:00	64.5	60.1	56.3	53.4	52.9	47.9	42.2	35.8	79.7	75.1	71.8	71.2	66.1	61.7	63.0	56.6
07/06/2018 06:10	74.9	70.8	67.6	65.9	63.3	57.4	48.1	37.2	93.2	90.5	87.5	86.6	84.5	80.1	71.0	58.0
07/06/2018 06:20	65.1	61.9	55.8	53.8	53.3	50.0	42.4	37.7	83.2	79.9	70.3	67.5	65.3	64.4	58.3	60.6
07/06/2018 06:30	67.0	64.3	61.1	58.0	56.5	52.5	49.3	43.6	87.9	87.4	84.6	80.2	77.4	72.6	72.2	72.0
07/06/2018 06:40	65.7	62.1	60.7	56.5	55.3	51.5	45.4	40.2	80.1	79.4	81.0	72.7	69.6	69.0	63.3	64.9
07/06/2018 06:50	66.7	63.9	58.7	56.5	55.9	52.2	45.8	39.9	81.0	81.0	75.8	71.4	69.6	68.3	61.4	58.4
07/06/2018 07:00	66.1	63.2	60.6	56.8	56.6	55.8	50.8	43.3	77.5	79.5	77.4	74.6	73.9	79.5	76.1	67.7
07/06/2018 07:10	67.6	63.7	60.2	56.7	56.0	54.0	49.6	43.4	81.8	76.5	74.5	72.4	70.1	67.5	66.0	70.3
07/06/2018 07:20	71.3	65.3	59.5	56.7	56.0	52.2	47.3	41.6	93.0	80.2	73.7	71.2	69.0	69.1	67.7	65.5
07/06/2018 07:30	67.0	61.9	58.0	55.7	55.1	51.8	46.6	41.7	82.8	72.9	71.6	71.0	72.0	72.7	67.7	69.3
07/06/2018 07:40	68.6	63.5	58.9	56.3	54.3	51.0	45.0	40.1	79.3	82.0	78.9	76.0	67.1	63.2	60.3	63.7
07/06/2018 07:50	67.7	62.7	58.8	56.6	55.6	52.9	49.0	42.5	83.9	78.2	77.3	74.4	71.8	66.6	63.7	59.0
07/06/2018 08:00	68.0	64.7	59.5	58.5	58.0	55.3	52.1	44.7	82.2	79.4	72.9	73.0	72.5	67.5	65.2	60.9
07/06/2018 08:10	69.7	68.3	61.8	60.7	60.9	58.5	55.1	49.5	87.9	81.9	73.1	72.0	72.4	69.0	66.9	66.4
07/06/2018 08:20	69.8	66.0	60.8	59.8	59.7	58.1	54.5	47.9	85.2	81.3	71.3	71.0	68.3	70.7	66.1	61.4
07/06/2018 08:30	69.4	65.7	60.9	59.6	59.2	57.1	53.8	49.3	83.2	82.4	69.8	71.0	70.1	68.1	68.2	66.1
07/06/2018 08:40	69.3	65.3	61.1	60.4	60.8	58.6	55.5	50.5	80.7	81.2	69.8	74.0	73.9	72.5	69.1	65.1
07/06/2018 08:50	69.5	68.4	62.4	60.5	60.3	58.4	55.2	48.8	80.7	85.4	75.9	74.3	71.3	68.2	68.4	60.6
07/06/2018 09:00	69.5	66.4	61.2	60.1	60.5	57.6	54.1	47.9	84.0	85.3	75.6	69.6	72.6	70.0	72.1	59.5
07/06/2018 09:10	68.4	64.7	61.2	60.0	60.4	58.4	56.2	49.3	84.6	75.2	72.2	70.1	70.8	70.2	72.9	65.4
07/06/2018 09:20	68.7	67.7	62.0	60.5	60.1	58.5	55.6	49.0	82.8	88.4	77.6	76.3	71.1	70.5	73.9	64.6
07/06/2018 09:30	69.6	67.7	63.8	60.0	59.9	58.7	55.6	49.5	85.3	88.8	83.3	72.1	69.3	68.7	66.4	62.6
07/06/2018 09:40	68.9	65.1	60.9	59.7	59.5	58.8	55.7	49.2	81.4	76.5	71.0	71.4	71.5	82.2	81.1	67.2
07/06/2018 09:50	68.5	64.4	59.9	58.8	58.1	57.1	52.7	46.0	83.1	72.7	69.6	73.2	68.5	66.6	64.6	61.4
07/06/2018 10:00	69.8	66.1	59.9	58.7	58.8	56.8	52.4	47.4	84.5	82.3	71.7	70.8	72.9	72.3	68.1	71.0
07/06/2018 10:10	68.0	63.6	59.7	58.4	59.2	55.9	52.6	46.2	81.7	75.8	72.6	70.5	75.7	73.2	68.2	60.2
07/06/2018 10:20	67.3	63.5	60.0	58.6	58.3	56.2	52.9	47.9	79.2	74.0	72.2	69.8	70.9	69.2	63.5	63.3
07/06/2018 10:30	67.6	63.9	60.1	58.9	58.2	55.5	50.6	45.5	78.8	73.9	72.3	70.6	68.8	68.2	65.9	61.2
07/06/2018 10:40	69.1	63.6	60.3	58.4	57.5	55.2	50.9	45.3	79.5	72.9	71.7	69.4	70.4	68.3	64.4	59.6
07/06/2018 10:50	70.0	67.0	62.3	59.1	58.0	56.1	53.0	48.5	86.2	82.1	75.5	70.4	69.7	68.9	69.2	66.8
07/06/2018 11:00	68.6	63.8	60.3	58.1	57.3	54.8	51.0	45.5	82.7	81.9	73.6	70.4	76.7	72.3	70.3	63.8
07/06/2018 11:10	72.1	66.7	61.2	59.0	58.6	56.4	51.8	46.9	89.1	82.4	70.5	72.0	73.3	69.9	63.4	62.0

Table A4: Spectral measurement data (location 2)

Date & Time	Ambient L_{eq}								Maximum L_{max}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
07/06/2018 11:40	62.9	58.4	55.3	53.6	54.6	55.1	52.8	48.7	72.2	68.6	70.0	65.5	69.7	74.7	72.9	68.4
07/06/2018 11:50	63.6	58.5	55.3	52.9	52.5	49.9	46.0	44.2	73.3	64.9	68.8	61.3	61.6	68.5	64.3	62.9
07/06/2018 12:00	62.8	58.9	56.1	54.0	53.4	50.5	46.5	41.1	72.2	69.3	66.2	59.8	61.4	58.0	53.9	49.7
07/06/2018 12:10	62.6	58.0	54.6	52.2	51.4	48.4	44.4	39.9	72.2	65.1	63.1	62.1	68.6	60.1	55.0	51.5
07/06/2018 12:20	62.3	58.7	55.0	52.7	54.0	52.1	46.8	42.2	71.9	71.7	65.7	65.8	72.4	75.2	63.4	58.5
07/06/2018 12:30	61.3	57.8	54.7	51.8	50.9	48.4	46.1	43.6	73.3	70.6	64.9	61.6	62.8	63.6	56.5	57.8
07/06/2018 12:40	61.5	58.2	55.6	52.4	51.5	49.0	45.5	42.4	71.8	69.5	66.9	61.7	64.7	60.8	55.0	52.7
07/06/2018 12:50	62.2	57.5	54.9	53.0	52.7	50.2	45.5	43.7	74.0	64.4	62.9	64.0	64.9	61.2	55.5	53.6
07/06/2018 13:00	62.0	58.3	55.8	53.7	52.2	50.0	43.9	39.2	73.3	63.4	65.4	63.1	62.5	60.1	53.2	52.7
07/06/2018 13:10	62.7	58.9	56.0	54.4	53.0	51.2	45.8	39.6	75.4	71.6	73.8	67.7	71.4	65.3	58.1	57.3
07/06/2018 13:20	63.3	59.1	56.7	54.8	54.4	53.0	49.1	44.9	75.1	69.0	67.8	64.9	64.4	68.6	65.5	56.9
07/06/2018 13:30	63.3	58.3	55.4	53.7	54.0	53.7	50.4	48.2	74.2	66.4	69.2	64.8	70.0	64.9	65.5	67.4
07/06/2018 13:40	63.1	57.9	54.7	53.7	54.1	52.9	48.9	44.9	79.8	64.5	70.0	63.9	68.1	67.1	70.4	64.5
07/06/2018 13:50	60.4	56.5	53.8	52.1	51.1	49.8	45.9	41.5	70.6	62.8	63.9	61.0	63.7	63.6	57.9	53.6
07/06/2018 14:00	62.0	60.1	56.0	54.6	55.0	54.7	51.9	46.3	77.1	79.6	71.6	64.7	64.7	67.2	69.6	60.7
07/06/2018 14:10	61.6	57.9	54.6	53.7	54.6	55.0	50.3	45.9	74.1	70.6	70.5	65.9	77.5	78.6	72.1	68.4
07/06/2018 14:20	61.3	57.6	54.3	51.9	50.2	47.8	43.9	38.6	76.1	70.3	68.3	64.2	60.7	59.7	62.1	52.5
07/06/2018 14:30	62.0	57.9	54.6	52.7	52.2	50.4	46.3	40.3	70.4	68.7	72.3	71.4	68.4	69.0	66.1	61.0
07/06/2018 14:40	62.6	57.8	55.0	54.0	56.6	57.6	56.5	49.5	74.3	69.7	71.0	67.0	68.0	68.6	68.3	62.1
07/06/2018 14:50	62.3	57.7	54.7	53.8	55.3	56.4	53.4	47.4	72.8	69.9	69.0	73.2	70.1	70.2	67.9	70.8
07/06/2018 15:00	63.0	58.1	54.9	54.1	55.8	58.8	55.0	49.7	74.2	67.0	66.7	67.0	66.4	72.3	69.5	72.5
07/06/2018 15:10	62.3	58.6	55.2	52.3	51.3	48.6	44.5	38.8	74.5	68.4	70.6	64.7	66.0	62.8	58.8	53.4
07/06/2018 15:20	62.0	57.9	53.6	50.7	48.7	46.0	43.2	38.2	72.0	69.4	65.4	59.7	62.7	65.8	62.8	53.1
07/06/2018 15:30	61.0	57.6	54.1	53.0	53.8	53.9	50.1	44.4	70.6	65.2	63.3	67.8	68.6	67.3	64.7	59.8
07/06/2018 15:40	61.8	58.1	53.7	51.3	49.9	48.0	44.4	38.7	73.7	71.2	66.5	63.3	67.6	70.3	69.6	63.0
07/06/2018 15:50	61.4	57.9	54.8	51.1	49.0	46.3	42.5	39.7	72.6	74.2	65.9	59.2	57.9	62.6	66.4	72.9
07/06/2018 16:00	60.5	57.8	54.9	52.6	51.3	49.4	46.0	39.7	72.5	69.8	64.5	63.0	68.8	77.9	76.2	69.8
07/06/2018 16:10	61.4	57.1	53.7	51.7	50.5	48.2	43.9	36.2	76.1	64.3	61.6	62.5	68.7	70.3	66.9	58.9
07/06/2018 16:20	63.2	58.1	54.8	53.0	51.0	47.6	42.0	34.6	80.4	67.5	65.5	66.5	67.1	70.1	57.0	51.2
07/06/2018 16:30	62.0	58.9	54.7	51.7	50.0	46.7	41.7	33.8	75.2	74.2	67.7	61.1	61.9	61.8	56.4	48.6
07/06/2018 16:40	62.8	58.9	54.6	51.8	50.3	47.3	44.5	37.1	75.2	71.1	63.1	67.8	67.7	65.0	62.6	54.8
07/06/2018 16:50	61.6	58.0	53.9	51.1	50.3	47.5	43.1	36.0	72.5	66.1	64.1	65.8	66.7	63.9	59.6	52.9
07/06/2018 17:00	62.0	59.7	54.4	51.6	49.6	46.2	41.5	34.7	75.1	77.0	64.9	59.6	63.2	62.1	57.3	49.3
07/06/2018 17:10	61.5	57.5	54.3	51.3	49.4	45.7	40.5	34.0	74.8	66.4	63.9	61.2	64.2	61.9	55.8	49.1
07/06/2018 17:20	61.2	57.5	53.6	50.6	48.0	44.1	38.6	31.0	73.3	68.5	59.1	56.9	53.8	56.7	54.8	44.5
07/06/2018 17:30	61.5	57.8	53.7	50.3	47.9	43.8	38.8	31.9	72.3	69.7	62.8	57.4	56.4	54.5	48.5	49.9
07/06/2018 17:40	61.0	58.0	54.0	50.6	48.5	44.5	38.4	33.7	72.6	67.7	67.0	57.6	60.2	57.2	54.6	63.0
07/06/2018 17:50	62.1	58.4	54.4	51.2	47.8	43.0	35.1	28.8	73.5	68.4	66.4	65.3	63.0	59.1	46.7	42.9
07/06/2018 18:00	62.1	58.8	53.7	49.1	46.0	41.2	35.0	26.2	72.1	75.7	67.9	60.8	53.2	52.1	59.9	47.1
07/06/2018 18:10	61.2	57.5	51.8	48.3	45.5	40.4	32.5	26.0	69.9	66.7	56.8	54.8	56.3	49.0	43.7	45.4
07/06/2018 18:20	62.9	59.0	53.1	49.3	46.9	41.7	32.5	25.9	74.6	73.9	64.1	60.1	57.7	53.9	47.1	42.7
07/06/2018 18:30	61.3	58.7	52.9	49.2	46.2	42.1	34.1	26.9	75.1	75.6	66.6	60.8	52.3	53.9	46.7	40.6
07/06/2018 18:40	61.4	60.7	54.4	49.7	46.4	41.6	33.5	26.6	69.2	77.5	69.1	62.9	59.0	52.8	44.8	45.8
07/06/2018 18:50	60.6	59.1	53.3	48.5	46.4	41.3	33.5	25.3	70.7	77.1	69.4	60.4	57.3	52.0	51.2	41.4
07/06/2018 19:00	60.7	57.6	52.0	48.8	46.0	40.7	32.4	25.5	71.7	74.2	67.3	63.0	60.4	48.6	48.0	42.6
07/06/2018 19:10	61.9	60.1	58.0	54.9	51.1	45.5	37.1	28.3	77.9	79.2	79.9	75.8	71.6	65.7	56.1	47.7
07/06/2018 19:20	59.6	56.1	50.5	47.9	46.1	42.1	34.5	27.0	68.8	65.5	56.5	53.6	55.1	53.3	47.5	46.1
07/06/2018 19:30	59.1	57.9	52.6	48.5	45.8	41.4	33.8	30.2	69.7	76.0	70.2	54.6	52.7	54.1	52.4	48.5
07/06/2018 19:40	59.6	57.4	52.4	49.0	46.6	42.4	33.8	29.1	71.2	75.0	68.0	58.1	55.0	51.9	45.8	41.7
07/06/2018 19:50	59.7	57.6	52.9	50.4	50.5	45.3	33.5	27.0	70.1	74.9	71.4	63.3	66.5	62.1	49.1	47.2
07/06/2018 20:00	59.7	57.3	51.7	49.0	46.6	41.9	36.1	26.3	70.3	67.3	60.9	57.6	57.2	52.5	54.8	37.2
07/06/2018 20:10	60.3	56.5	51.0	49.0	46.9	41.3	32.9	25.2	74.9	62.8	61.0	56.8	55.8	49.9	42.1	38.6
07/06/2018 20:20	59.1	56.6	51.3	48.9	45.9	41.0	32.3	25.4	68.4	70.4	67.4	62.7	55.5	58.2	45.6	37.1
07/06/2018 20:30	60.6	57.0	51.6	49.0	46.4	42.0	34.3	26.5	74.0	67.7	66.0	56.9	56.3	58.3	54.2	38.9
07/06/2018 20:40	60.2	57.7	52.7	49.4	46.0	41.3	33.8	26.0	74.0	73.1	68.9	58.4	56.7	57.3	52.1	43.3
07/06/2018 20:50	59.7	58.0	52.2	49.2	46.6	42.5	40.1	27.9	69.6	74.7	70.1	58.9	58.2	64.2	68.5	50.1
07/06/2018 21:00	60.2	55.9	50.8	49.3	46.8	42.6	34.3	26.9	73.7	63.5	62.9	62.1	62.9	60.8	50.4	37.8
07/06/2018 21:10	58.9	55.5	50.1	48.2	45.0	40.0	32.0	25.1	73.1	69.2	61.8	54.3	50.8	48.8	45.8	41.4
07/06/2018 21:20	60.5	55.6	50.3	48.4	45.3	40.3	32.4	25.6	74.3	65.7	59.1	60.6	53.2	50.6	48.9	51.5
07/06/2018 21:30	59.1	54.8	49.6	47.6	44.9	39.6	31.1	23.8	69.2	60.0	59.1	52.2	51.4	49.7	42.9	36.0
07/06/2018 21:40	60.4	56.1	50.8	48.2	45.0	40.0	32.0	26.8	73.2	66.4	63.5	57.8	51.3	49.5	49.4	51.6
07/06/2018 21:50	60.8	56.7	51.1	48.3	45.2	40.6	32.6	27.2	73.3	67.0	61.7	57.5	53.6	50.3	41.0	40.7
07/06/2018 22:00	59.0	56.3	50.4	47.7	44.9	40.0	32.7	26.7	70.9	64.7	59.9	56.3	51.6	48.0	56.6	41.7
07/06/2018 22:10	59.5	55.8	50.1	47.8	44.9	39.4	30.4	22.4	73.7	63.7	58.2	59.9	55.1	52.0	42.5	32.8
07/06/2018 22:20	59.9	56.1	51.2	50.0	47.2	42.8	34.1	23.3	71.5	65.8	64.1	66.3	64.7	61.2	53.5	40.9
07/06/2018 22:30	59.6	55.3	49.7	47.8	45.1	40.1	31.3	22.6	76.8	70.9	63.7	56.5	54.5	52.1	44.4	35.7
07/06/2018 22:40	59.6	55.8	49.6	47.6	44.6	38.8	30.3	23.0	78.9	72.3	61.2	63.7	52.7	50.9	50.0	38.1
07/06/2018 22:50	58.1	54.2	48.9	47.1	44.3	38.6	29.8	21.6	73.1	62.0	54.3	55.6	52.5	46.0	44.6	33.7
07/06/2018 23:00	57.2	54.0	48.6	46.9	45.0	39.0	29.4	21.3	69.0	60.5	53.4	58.3	59.1	51.3	40.8	33.7
07/06/2018 23:10	59.5	56.4	51.3	47.9	44.8	38.8	30.0	21.9	73.8	71.8	67.8	64.7	59.3	51.2	44.8	36.8
07/06/2018 23:20	58															

Date & Time	Ambient L_{eq}								Maximum L_{fmax}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
08/06/2018 01:00	57.3	53.8	48.2	45.8	42.8	36.8	28.5	20.2	67.9	59.8	55.2	50.2	49.6	43.6	43.8	34.8
08/06/2018 01:10	56.5	53.2	47.8	45.7	42.4	36.6	27.6	21.2	68.3	62.2	58.8	53.7	49.2	46.1	39.0	32.0
08/06/2018 01:20	55.8	52.3	47.9	45.5	42.7	36.8	27.5	19.7	72.2	61.6	59.1	54.8	50.1	45.1	40.4	31.8
08/06/2018 01:30	56.4	54.5	48.4	45.9	42.7	36.9	27.8	20.6	66.7	61.8	57.2	51.3	55.0	48.7	42.7	32.1
08/06/2018 01:40	58.2	55.7	49.4	47.2	43.5	38.2	29.7	21.9	73.8	68.0	58.2	57.9	53.3	48.8	42.4	37.5
08/06/2018 01:50	57.2	55.3	49.0	46.1	42.6	37.0	28.4	20.8	67.0	67.3	60.9	53.2	57.8	45.2	39.1	33.2
08/06/2018 02:00	56.8	54.9	48.4	45.7	42.2	36.5	28.2	21.1	73.5	61.2	55.7	53.0	52.5	50.7	47.1	37.9
08/06/2018 02:10	55.9	54.5	48.1	45.3	41.5	35.7	27.0	19.6	65.9	59.1	54.0	48.9	47.3	42.4	36.1	31.5
08/06/2018 02:20	57.2	54.4	48.1	45.4	41.7	36.1	28.9	21.0	71.7	62.3	58.6	54.1	49.6	44.2	43.5	40.9
08/06/2018 02:30	56.1	54.6	48.5	45.9	42.7	38.0	30.8	21.9	69.0	63.3	59.3	60.2	57.3	56.4	53.6	44.5
08/06/2018 02:40	56.8	58.2	53.8	49.5	45.3	43.2	42.4	34.6	72.5	78.3	78.2	75.9	66.7	69.6	70.0	62.1
08/06/2018 02:50	59.6	55.2	50.9	46.2	42.2	36.5	28.5	23.0	74.6	62.1	65.8	57.3	53.5	46.3	42.0	43.5
08/06/2018 03:00	56.8	54.2	48.2	45.4	41.7	36.2	28.1	21.8	69.1	59.9	53.9	50.8	49.5	44.2	37.3	40.2
08/06/2018 03:10	58.5	54.9	49.1	45.7	42.4	36.9	28.5	21.2	80.7	72.8	66.2	53.9	51.7	51.2	47.4	35.3
08/06/2018 03:20	56.2	54.0	48.0	45.7	42.9	36.5	27.7	20.2	70.6	69.0	63.2	58.3	58.1	49.1	42.2	38.7
08/06/2018 03:30	55.3	53.3	47.1	45.2	41.7	36.2	27.4	19.7	70.4	59.2	58.6	53.7	56.2	49.0	40.4	33.2
08/06/2018 03:40	56.0	53.7	47.5	45.5	42.4	38.1	29.9	20.8	73.0	58.5	54.0	54.9	51.9	53.6	49.1	34.8
08/06/2018 03:50	55.4	54.2	47.5	44.9	41.6	38.5	30.4	20.0	68.6	58.0	51.4	50.8	50.1	56.1	52.2	36.7
08/06/2018 04:00	55.4	54.4	47.5	44.9	41.3	43.0	36.4	24.6	66.3	58.2	52.7	53.9	50.7	61.0	59.3	45.5
08/06/2018 04:10	56.6	53.8	47.7	45.3	42.1	37.1	28.4	21.9	68.5	62.3	63.7	58.0	50.9	48.4	43.6	37.9
08/06/2018 04:20	56.8	54.4	48.7	45.6	42.5	37.3	28.6	20.1	70.0	63.6	59.9	55.7	54.8	49.0	41.5	33.2
08/06/2018 04:30	56.0	53.9	47.9	45.4	42.4	37.3	28.5	20.5	69.0	59.2	53.5	53.5	52.3	47.6	38.8	35.8
08/06/2018 04:40	56.4	54.2	48.7	46.0	43.4	38.4	31.0	23.5	68.9	65.1	61.3	58.0	56.8	56.1	49.9	47.6
08/06/2018 04:50	56.6	55.6	48.8	45.7	42.7	37.5	29.0	21.1	67.5	63.0	55.2	53.5	53.5	47.1	47.2	36.6
08/06/2018 05:00	57.1	55.7	49.1	45.9	42.8	37.6	29.0	21.1	67.2	60.0	58.2	53.0	50.7	46.0	42.6	41.6
08/06/2018 05:10	58.9	56.5	50.2	48.8	47.2	45.2	39.9	30.4	73.5	71.3	65.5	69.1	69.5	69.4	64.7	55.6
08/06/2018 05:20	59.2	55.7	49.4	46.4	43.8	39.1	35.5	31.1	71.7	66.6	62.9	60.8	56.2	57.0	64.9	62.7
08/06/2018 05:30	57.3	55.3	49.5	46.5	43.9	38.6	31.5	24.6	69.4	63.0	63.5	58.7	57.2	53.2	47.6	44.6
08/06/2018 05:40	57.7	55.1	49.3	50.1	43.6	38.7	31.8	25.1	72.7	62.3	58.9	64.8	53.6	51.1	50.1	50.4
08/06/2018 05:50	58.1	54.7	49.0	46.3	44.4	38.7	32.2	26.4	73.7	65.7	59.3	55.6	57.3	54.5	52.6	47.0
08/06/2018 06:00	58.3	55.7	49.8	46.9	45.0	39.7	32.2	24.6	70.7	65.9	57.6	55.7	55.4	52.6	49.8	41.2
08/06/2018 06:10	58.1	56.0	49.7	46.5	44.0	38.6	31.1	23.5	68.5	61.7	56.7	53.5	51.7	51.3	53.2	43.9
08/06/2018 06:20	59.4	55.5	50.3	47.4	45.3	41.7	39.5	33.7	69.0	64.5	62.5	61.7	62.6	63.6	64.4	60.1
08/06/2018 06:30	59.3	55.8	50.1	47.4	44.9	44.2	43.4	39.3	71.3	68.2	56.4	56.8	60.9	72.0	70.7	66.3
08/06/2018 06:40	62.2	56.8	51.6	48.9	46.2	41.5	37.2	31.6	84.4	71.7	61.1	61.9	59.1	66.9	69.7	65.8
08/06/2018 06:50	60.3	56.1	51.5	47.9	45.6	40.9	34.0	27.9	73.4	67.7	65.3	57.8	58.6	56.7	53.3	51.0
08/06/2018 07:00	60.5	55.8	51.0	47.6	45.2	40.0	32.2	24.6	76.1	63.6	60.7	56.2	54.6	50.5	48.5	47.1
08/06/2018 07:10	62.1	58.5	54.5	49.5	47.0	46.3	37.0	28.8	79.4	72.0	69.3	64.2	61.0	64.7	60.3	53.3
08/06/2018 07:20	61.7	58.5	53.6	49.8	47.4	44.4	39.2	30.1	75.5	69.1	68.1	65.7	61.9	63.8	62.1	52.5
08/06/2018 07:30	60.7	57.8	52.1	49.0	47.3	41.8	36.8	31.3	75.3	72.2	59.5	60.9	60.3	58.9	54.3	50.3
08/06/2018 07:40	60.3	57.4	52.0	48.8	47.2	43.3	36.4	27.7	72.9	70.2	62.9	61.9	67.3	67.1	60.1	51.6
08/06/2018 07:50	62.0	58.3	53.4	49.9	47.8	43.4	38.3	32.4	73.0	69.3	63.4	58.3	61.0	54.2	49.8	48.3
08/06/2018 08:00	64.4	58.9	55.0	51.8	50.1	47.8	45.0	35.3	80.7	68.2	63.8	64.9	60.4	59.4	54.8	48.2
08/06/2018 08:10	63.8	61.4	55.8	53.1	51.5	47.8	43.5	35.1	78.4	77.1	68.4	66.2	66.0	63.0	58.7	55.3
08/06/2018 08:20	64.9	59.3	55.2	52.8	51.8	50.3	46.7	43.3	80.7	72.2	66.1	66.1	66.9	79.3	78.0	77.2
08/06/2018 08:30	65.1	60.0	55.0	53.1	52.5	50.0	45.1	36.5	74.8	72.0	63.9	66.1	66.1	63.6	58.5	52.3
08/06/2018 08:40	65.1	60.0	55.5	53.6	52.4	50.0	46.0	46.8	79.0	69.9	67.6	65.4	63.1	59.7	55.2	57.9
08/06/2018 08:50	65.1	59.9	55.4	53.4	52.5	50.6	47.7	46.7	76.8	72.0	68.0	67.1	65.4	60.3	60.1	59.2
08/06/2018 09:00	65.6	60.7	56.0	53.9	54.7	54.3	49.0	42.9	74.6	69.5	65.2	65.4	70.7	75.0	71.0	63.8
08/06/2018 09:10	63.3	58.5	54.9	53.8	56.2	54.2	49.4	45.1	74.2	70.2	68.3	72.3	72.7	71.2	63.8	64.1
08/06/2018 09:20	64.0	59.6	56.8	53.8	54.8	52.6	48.3	44.0	78.6	75.7	74.1	72.7	75.6	72.8	64.9	63.8
08/06/2018 09:30	64.3	59.1	56.1	54.0	53.3	52.4	48.6	42.9	75.0	74.0	73.8	68.5	66.7	70.2	65.9	62.2
08/06/2018 09:40	63.7	60.0	56.4	54.5	54.1	52.8	48.7	41.9	75.0	73.3	70.3	69.0	69.7	70.4	65.5	58.1
08/06/2018 09:50	65.9	60.1	56.6	54.4	53.4	51.6	46.5	38.8	83.0	75.5	68.0	69.2	67.4	64.5	59.6	53.9
08/06/2018 10:00	64.0	58.3	55.3	53.3	52.9	51.4	45.8	37.9	72.8	69.9	68.0	62.6	69.6	67.9	63.4	57.0
08/06/2018 10:10	63.8	58.4	54.7	52.4	51.3	49.7	44.0	36.0	71.5	65.8	64.4	61.5	59.2	58.9	57.7	53.0
08/06/2018 10:20	65.2	59.3	55.9	52.1	50.3	47.5	42.2	34.3	81.4	73.8	69.6	60.9	62.8	65.4	63.2	55.5
08/06/2018 10:30	64.0	59.3	55.8	53.6	52.0	49.1	44.0	38.5	78.6	72.0	68.6	68.2	69.2	65.0	59.5	55.0
08/06/2018 10:40	63.5	59.0	55.5	53.3	53.7	54.6	53.4	51.8	76.8	73.1	69.8	74.3	75.4	71.7	68.4	67.5
08/06/2018 10:50	62.7	58.7	55.1	53.2	52.3	50.6	48.7	48.0	74.8	71.8	70.9	74.0	75.0	72.3	68.3	67.3
08/06/2018 11:00	62.9	58.1	54.6	53.7	54.7	52.9	46.8	40.9	72.6	65.4	66.0	74.8	77.3	77.2	71.0	64.9
08/06/2018 11:10	64.4	59.1	55.8	53.8	53.7	53.3	50.6	47.2	74.8	70.5	73.3	72.2	70.4	69.6	65.9	66.1
08/06/2018 11:20	64.1	60.3	57.2	55.4	56.1	55.9	53.9	51.1	72.7	74.7	75.2	75.9	76.1	73.4	68.1	67.0
08/06/2018 11:30	64.0	58.2	55.6	53.4	53.2	50.9	47.0	40.8	74.5	65.2	69.1	71.0	72.7	70.1	65.1	57.9
08/06/2018 11:40	63.8	58.4	56.2	54.9	55.2	55.3	54.3	50.2	76.0	68.6	70.0	70.2	70.8	70.0	68.6	65.2
08/06/2018 11:50	63.2	58.0	55.4	52.8	52.1	49.0	43.5	35.6	72.3	69.5	67.4	67.9	69.4	67.6	62.2	57.4
08/06/2018 12:00	63.8	59.7	58.1	56.6	53.2	49.4	44.8	38.3	78.8	71.8	74.9	77.5	71.2	66.6	57.0	63.8
08/06/2018 12:10	63.1	60.1	56.5	52.3	50.8	47.6	44.3	37.9	75.5	71.5	66.8	66.7	61.4	56.1	57.2	51.9
08/06/2018 12:20	63.1	59.4	55.2	52.0	51.4	48.6	44.5	38.7	75.0	71.1	65.7	66.3	65.4	62.6	59.0	52.2
08/06/2018 12:30	63.4	59.4	55.3	52.2	51.0	48.3	45.2	38.8	76.2	72.2	65.0	63.6	64.2	62.6	55.6	51.5
08/06/2018 12:40	62.7	60.0	56.8	52.2	51.1											

Date & Time	Ambient L_{eq}								Maximum L_{max}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
08/06/2018 14:50	62.9	59.2	54.6	50.9	48.8	45.1	39.3	32.5	75.0	77.2	68.3	64.3	61.8	58.3	52.3	44.5
08/06/2018 15:00	62.2	57.4	53.7	50.9	49.0	45.4	40.5	35.3	71.4	67.9	61.1	59.8	60.6	59.5	54.6	53.3
08/06/2018 15:10	62.1	57.8	53.7	51.1	50.9	50.6	48.3	45.9	71.9	68.5	64.1	62.6	65.1	68.1	66.0	63.4
08/06/2018 15:20	61.2	57.0	53.4	51.0	50.2	49.2	47.0	43.8	73.4	63.9	60.5	67.2	68.1	66.6	70.1	66.0
08/06/2018 15:30	61.3	57.5	54.3	54.9	57.5	59.3	56.8	54.5	71.7	65.2	68.9	76.7	79.5	82.8	75.1	69.6
08/06/2018 15:40	61.7	57.9	54.2	51.5	50.3	47.8	44.0	40.1	70.9	64.3	64.8	67.6	70.1	70.9	64.5	60.4
08/06/2018 15:50	62.9	59.5	58.5	54.7	51.8	48.4	42.0	33.2	78.6	74.3	75.7	73.3	71.8	71.5	63.9	57.2
08/06/2018 16:00	61.6	58.4	54.4	51.1	49.2	45.9	39.4	31.2	75.3	70.8	66.2	62.5	62.4	64.0	59.9	55.0
08/06/2018 16:10	60.4	57.2	54.5	51.7	49.1	45.1	38.9	30.1	74.2	67.0	68.7	66.8	64.8	64.6	57.7	49.5
08/06/2018 16:20	61.6	57.6	54.1	51.4	50.1	45.8	39.6	30.6	73.7	64.2	60.6	58.9	69.1	62.6	55.0	46.4
08/06/2018 16:30	62.2	58.2	54.2	50.8	48.5	44.7	39.5	32.3	76.3	67.2	60.6	58.6	61.3	59.1	56.2	47.1
08/06/2018 16:40	61.7	57.7	54.0	51.1	50.1	47.7	42.8	36.0	71.0	70.1	60.1	62.5	68.8	69.5	65.7	58.3
08/06/2018 16:50	65.0	58.4	55.3	51.4	49.5	45.7	40.3	32.6	82.9	73.0	68.0	66.4	66.7	62.7	59.6	52.1
08/06/2018 17:00	62.7	57.2	53.7	51.1	50.4	47.4	42.4	34.7	81.3	69.4	65.8	59.5	62.6	59.9	62.8	52.4
08/06/2018 17:10	60.8	57.7	54.0	50.5	49.3	46.3	39.2	30.2	70.7	70.3	66.6	58.2	60.9	58.1	49.8	42.7
08/06/2018 17:20	62.3	57.9	53.6	50.4	48.8	45.7	40.8	31.8	74.4	70.6	63.5	59.3	59.2	58.7	51.1	44.2
08/06/2018 17:30	60.8	58.7	54.3	50.1	47.7	44.2	36.9	29.2	69.8	76.3	71.3	59.1	56.8	59.0	48.3	46.5
08/06/2018 17:40	61.8	59.1	53.8	50.2	48.1	44.7	40.0	35.0	78.4	74.6	67.9	58.0	57.5	54.9	52.7	50.2
08/06/2018 17:50	60.5	57.1	52.7	49.5	47.1	43.3	38.9	32.1	72.1	70.2	64.1	59.1	54.7	55.5	56.9	52.3
08/06/2018 18:00	61.3	58.2	53.9	50.1	48.1	44.6	37.2	28.4	72.7	70.1	69.7	58.7	56.6	53.1	48.8	43.9
08/06/2018 18:10	61.2	58.2	53.1	49.9	48.3	46.2	38.3	29.8	76.0	69.8	63.8	58.4	57.3	59.5	52.9	42.6
08/06/2018 18:20	60.7	58.1	53.5	50.1	50.8	49.6	37.6	28.0	69.0	67.1	66.7	58.0	62.8	63.4	50.2	44.1
08/06/2018 18:30	61.8	58.8	53.5	49.7	47.7	43.3	35.9	27.8	77.1	76.6	65.3	58.8	61.9	54.1	48.8	48.6
08/06/2018 18:40	61.0	57.2	52.7	49.7	47.5	42.8	35.4	27.2	71.6	64.7	59.8	56.4	55.4	58.9	52.6	45.2
08/06/2018 18:50	60.4	56.6	52.0	48.6	46.2	40.6	31.8	23.6	75.7	64.5	62.1	55.0	58.5	58.5	48.5	39.9
08/06/2018 19:00	61.1	58.3	53.5	49.1	46.6	41.1	32.1	24.2	75.3	77.4	73.9	57.7	55.6	55.3	46.7	43.7
08/06/2018 19:10	60.9	57.8	51.8	48.8	46.4	41.0	33.2	25.5	74.6	69.2	59.9	59.1	54.4	54.4	53.6	47.1
08/06/2018 19:20	60.3	57.1	52.2	49.2	46.9	40.9	32.3	24.6	73.5	67.1	66.8	68.2	68.0	52.0	52.2	49.1
08/06/2018 19:30	60.8	59.5	54.0	49.2	49.7	51.3	47.5	34.8	72.9	76.5	70.6	61.0	68.7	74.4	71.8	60.4
08/06/2018 19:40	60.1	59.1	53.9	49.1	46.5	41.0	32.6	25.0	70.2	78.0	71.3	62.5	62.5	55.8	50.6	54.2
08/06/2018 19:50	60.4	57.2	52.1	49.0	46.3	41.0	32.5	23.9	71.2	66.9	64.9	57.5	54.7	49.0	42.6	36.0
08/06/2018 20:00	61.5	58.5	53.7	49.9	46.7	41.2	32.6	25.1	73.6	71.4	68.3	62.4	60.4	60.5	48.9	49.6
08/06/2018 20:10	60.6	57.5	51.8	48.9	46.5	41.3	33.0	24.3	71.4	67.3	58.3	54.5	55.6	54.8	49.5	43.4
08/06/2018 20:20	60.4	59.5	53.7	49.8	47.3	42.2	35.0	26.1	71.1	75.9	69.7	61.4	60.4	61.1	54.7	45.4
08/06/2018 20:30	61.0	56.6	51.7	49.5	47.0	42.2	33.4	25.7	77.0	65.1	60.6	56.0	57.6	56.5	54.6	41.8
08/06/2018 20:40	59.6	56.4	51.9	49.7	47.2	42.5	33.6	26.2	71.3	64.4	62.1	58.8	60.1	60.8	48.1	42.5
08/06/2018 20:50	60.3	57.0	51.9	50.0	47.6	42.8	36.0	31.5	70.4	64.8	60.5	63.0	61.2	54.5	51.8	48.4
08/06/2018 21:00	62.0	57.1	51.8	50.3	48.3	43.1	35.1	27.7	71.9	67.6	60.8	65.5	67.5	65.4	56.3	48.0
08/06/2018 21:10	60.2	56.5	51.1	49.2	47.2	43.1	35.0	26.2	71.0	63.5	56.7	55.3	56.4	54.9	47.8	36.6
08/06/2018 21:20	59.8	56.6	51.6	48.8	45.9	40.7	31.7	25.3	71.5	64.5	64.0	57.3	54.1	48.0	39.7	41.1
08/06/2018 21:30	60.7	57.3	52.5	49.7	47.0	41.7	33.0	24.7	70.7	66.1	65.5	65.0	65.5	58.7	47.1	41.1
08/06/2018 21:40	62.4	57.5	52.5	49.9	47.9	43.3	34.2	26.3	73.2	66.2	61.7	56.2	62.8	56.3	43.5	35.6
08/06/2018 21:50	61.6	57.7	52.0	49.1	46.7	41.5	32.9	24.8	72.2	71.4	66.5	61.6	58.3	50.5	49.6	46.0
08/06/2018 22:00	60.0	57.6	52.3	49.5	46.8	42.0	35.2	26.0	73.2	72.7	64.5	61.0	59.3	59.7	59.5	47.6
08/06/2018 22:10	59.8	56.8	53.9	50.4	47.6	42.7	34.3	26.3	75.5	68.9	71.1	58.2	56.1	50.8	43.8	48.5
08/06/2018 22:20	59.9	56.0	50.9	48.9	46.4	41.3	33.0	26.4	69.3	63.9	62.5	55.5	53.9	53.7	54.7	55.7
08/06/2018 22:30	62.8	58.1	52.3	50.5	48.3	42.8	36.1	24.6	76.1	70.6	64.3	66.0	65.8	61.8	53.4	43.9
08/06/2018 22:40	63.0	57.3	52.0	49.4	46.8	41.7	33.1	24.3	79.4	66.2	62.8	56.8	54.7	52.0	45.4	35.6
08/06/2018 22:50	61.0	56.7	52.5	49.5	46.2	40.6	32.0	24.7	71.3	64.0	61.7	59.9	56.2	52.0	49.7	49.7
08/06/2018 23:00	61.3	56.9	51.8	48.9	46.5	41.2	32.5	23.0	74.0	66.8	66.8	56.7	54.6	50.7	48.8	38.4
08/06/2018 23:10	60.5	57.5	51.8	48.4	46.1	40.1	31.6	23.5	70.6	77.1	64.7	59.8	56.8	48.8	47.6	37.1
08/06/2018 23:20	60.1	55.2	51.3	47.7	45.3	39.9	30.5	22.2	70.7	61.8	67.4	63.5	55.9	51.9	45.6	38.9
08/06/2018 23:30	60.6	57.2	53.5	49.1	46.3	40.7	31.9	23.3	72.3	66.8	64.8	60.3	58.1	56.6	46.7	41.2
08/06/2018 23:40	60.6	56.1	51.7	48.8	46.5	40.8	32.1	23.5	70.3	62.8	62.6	57.9	57.9	51.8	42.5	34.0
08/06/2018 23:50	60.7	56.2	50.9	48.0	46.8	41.4	35.1	26.3	73.6	64.5	56.5	58.7	65.3	61.6	54.9	49.2
09/06/2018 00:00	62.7	57.9	51.6	49.5	46.3	41.1	35.9	29.7	73.2	66.8	57.9	59.0	59.3	59.3	62.2	56.8
09/06/2018 00:10	60.9	57.7	53.3	49.9	46.3	41.1	33.3	26.1	72.8	70.5	67.2	62.9	55.4	51.6	51.8	39.3
09/06/2018 00:20	60.1	56.2	51.3	48.6	46.1	41.4	35.8	27.7	72.4	61.6	60.6	61.1	59.2	64.6	64.1	56.1
09/06/2018 00:30	59.0	55.9	50.6	47.9	45.8	40.1	31.8	24.9	68.2	62.3	62.2	59.0	54.9	49.9	43.0	42.9
09/06/2018 00:40	59.4	55.8	50.4	48.8	46.9	41.3	32.7	25.0	75.0	63.0	60.5	58.6	59.6	56.1	45.1	37.9
09/06/2018 00:50	58.8	55.0	49.4	47.4	44.6	39.1	30.6	23.9	71.7	62.3	54.2	55.1	53.2	53.1	41.0	37.0
09/06/2018 01:00	58.9	56.0	51.4	48.3	46.0	40.2	32.1	25.5	71.1	67.3	62.6	59.0	61.3	49.8	45.1	38.4
09/06/2018 01:10	58.7	55.7	49.8	47.0	44.5	38.7	30.4	24.8	68.8	63.7	54.6	55.1	53.4	45.9	42.3	47.0
09/06/2018 01:20	59.0	55.7	50.3	47.2	45.2	39.3	31.0	25.5	69.2	62.8	56.0	55.3	59.2	50.2	39.2	39.9
09/06/2018 01:30	61.0	56.4	50.6	46.8	44.4	38.9	30.7	24.8	70.8	61.8	62.2	65.4	63.4	49.6	40.1	40.8
09/06/2018 01:40	60.2	57.0	50.7	46.5	43.6	38.3	30.2	23.1	70.3	62.8	58.7	53.2	50.7	47.2	43.0	37.4
09/06/2018 01:50	61.4	56.4	50.0	46.6	44.0	38.8	30.6	23.2	68.5	62.9	57.5	55.2	61.0	53.9	54.0	36.0
09/06/2018 02:00	61.9	56.6	51.0	46.9	44.4	39.7	32.9	25.1	71.3	63.1	62.3	60.7	59.7	58.6	53.6	43.9
09/06/2018 02:10	60.5	56.0	50.4	45.7	42.8	37.4	29.2	23.6	70.1	60.0	53.6	54.6	51.3	45.0	35.4	33.3
09/06/2018 02:20	58.0	55.2	49.4	45.6	42.5	36.9	28.5	21.8	67.4	60.3	54.8	53.7	48.6	44.8	36.4	36.8
09/06/2018 02:30	57.1	55.6	50.7	52.4	50.5</											

Date & Time	Ambient L_{eq}								Maximum L_{max}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
09/06/2018 04:40	61.3	56.5	50.9	45.6	42.8	37.9	30.2	24.5	69.2	60.6	54.3	50.0	50.8	44.6	44.2	42.2
09/06/2018 04:50	60.9	55.4	49.7	45.7	42.7	37.6	30.3	23.8	67.9	59.1	53.4	54.3	51.0	45.9	46.0	40.7
09/06/2018 05:00	61.3	56.2	50.8	46.0	43.4	38.7	33.0	27.0	72.5	66.2	61.4	55.0	53.8	51.3	50.4	44.8
09/06/2018 05:10	61.1	56.3	50.9	46.0	43.3	38.1	30.1	23.9	70.5	61.0	57.9	55.6	51.6	49.8	41.5	37.5
09/06/2018 05:20	61.1	56.2	51.6	46.0	43.7	39.0	30.7	26.7	70.1	61.0	58.1	55.2	51.5	52.7	50.9	51.7
09/06/2018 05:30	59.4	55.8	49.1	45.6	43.0	37.9	30.2	23.2	69.1	66.0	53.9	54.8	54.7	52.3	51.7	35.5
09/06/2018 05:40	60.1	58.1	51.3	47.6	43.7	38.2	30.2	24.2	69.3	62.0	55.9	64.2	50.9	46.1	42.2	41.1
09/06/2018 05:50	60.9	58.6	52.5	47.3	44.3	39.6	31.7	24.9	74.0	64.8	60.1	58.6	52.9	50.8	50.5	45.7
09/06/2018 06:00	60.0	58.5	52.3	46.8	44.5	39.8	32.5	26.3	67.6	64.0	58.9	54.6	52.8	53.1	53.2	52.3
09/06/2018 06:10	61.5	57.0	50.9	46.7	44.2	38.9	34.0	25.3	74.3	68.3	62.1	55.0	54.3	52.6	57.2	44.4
09/06/2018 06:20	61.6	57.0	51.4	47.7	45.1	40.4	32.6	26.8	73.6	68.5	62.6	57.1	55.9	52.3	48.4	51.2
09/06/2018 06:30	62.0	56.8	51.0	47.0	45.1	40.1	35.1	27.4	72.8	63.0	59.6	54.6	54.6	50.6	54.3	50.7
09/06/2018 06:40	60.7	56.1	50.4	46.6	44.5	39.1	30.8	24.2	75.6	61.8	61.2	58.0	53.8	56.4	44.7	40.3
09/06/2018 06:50	62.3	57.6	50.9	46.5	44.6	39.5	31.6	25.4	79.2	75.6	67.5	55.5	60.2	51.7	48.2	48.5
09/06/2018 07:00	62.3	56.9	53.1	50.0	47.8	43.6	36.9	28.6	75.6	66.1	66.3	62.4	57.7	55.2	49.1	42.7
09/06/2018 07:10	63.7	59.6	56.2	52.1	50.6	47.9	43.1	34.5	79.5	75.1	72.4	70.4	67.6	66.6	65.3	56.1
09/06/2018 07:20	63.9	58.9	55.0	52.1	51.3	47.9	41.3	33.5	75.1	68.6	65.5	65.3	67.6	66.0	57.2	50.9
09/06/2018 07:30	63.3	57.9	53.7	50.7	49.8	46.4	41.5	32.7	79.4	73.9	63.1	64.4	64.7	60.0	61.2	53.1
09/06/2018 07:40	62.0	57.7	53.0	49.6	48.2	43.3	36.1	28.7	72.7	67.7	65.9	72.0	74.1	64.3	59.1	52.8
09/06/2018 07:50	62.0	59.1	54.0	50.2	48.4	44.6	38.6	30.6	73.6	75.2	69.4	66.8	66.8	63.7	54.9	49.2
09/06/2018 08:00	61.8	58.6	53.6	51.5	50.5	50.0	51.8	51.8	68.6	70.7	60.9	62.1	64.5	63.6	62.1	64.8
09/06/2018 08:10	63.0	58.5	53.8	51.6	50.4	47.8	43.7	36.4	76.9	69.3	63.0	62.1	66.0	66.5	59.0	51.2
09/06/2018 08:20	62.7	59.2	54.9	51.8	51.0	48.7	44.5	36.7	70.4	71.1	64.4	61.7	61.7	58.3	57.8	50.6
09/06/2018 08:30	63.4	59.9	54.9	52.7	51.5	49.7	46.1	38.4	74.0	71.1	63.1	63.7	63.9	60.8	56.6	50.4
09/06/2018 08:40	62.5	58.7	55.0	52.5	50.7	48.9	46.2	40.4	77.6	75.8	70.2	68.4	62.2	65.5	64.6	64.5
09/06/2018 08:50	61.4	58.3	56.8	52.6	51.2	48.7	44.0	35.2	72.3	66.4	68.7	63.7	63.0	65.9	64.3	61.0
09/06/2018 09:00	61.7	57.7	53.9	51.2	50.7	48.2	43.4	36.3	74.4	65.7	64.9	62.6	62.2	59.4	54.5	49.2
09/06/2018 09:10	62.3	59.2	58.0	54.5	53.0	49.3	44.0	35.9	74.4	68.4	75.4	71.7	72.8	67.6	57.5	47.5
09/06/2018 09:20	61.2	57.8	55.6	51.7	50.4	47.4	41.9	33.9	68.7	65.1	65.8	61.6	65.6	62.6	53.8	46.6
09/06/2018 09:30	62.3	58.3	55.7	51.7	50.0	46.8	41.6	33.6	70.6	68.9	65.4	60.4	61.7	60.6	58.0	48.5
09/06/2018 09:40	61.4	58.2	56.0	51.6	49.6	47.2	44.1	36.7	71.7	67.8	65.9	59.2	60.1	64.1	57.4	55.6
09/06/2018 09:50	61.2	57.6	55.9	51.7	50.0	47.3	44.3	36.5	70.6	67.5	68.6	60.4	59.2	55.3	54.2	47.7
09/06/2018 10:00	62.0	57.3	53.9	51.3	49.4	46.2	41.0	32.9	73.4	66.0	65.5	62.8	65.3	68.7	50.8	45.6
09/06/2018 10:10	62.0	58.2	55.4	51.7	49.0	45.4	40.8	31.7	70.5	66.4	65.8	64.2	60.7	59.7	56.7	43.2
09/06/2018 10:20	60.6	57.8	55.7	51.3	48.4	45.0	38.7	30.0	70.5	67.2	67.8	61.0	56.8	59.0	50.7	44.9
09/06/2018 10:30	60.7	57.7	55.7	50.7	48.3	44.4	39.3	31.3	74.3	64.3	68.2	57.6	62.3	56.9	51.9	43.1
09/06/2018 10:40	61.9	59.0	55.1	51.4	49.1	45.6	39.5	31.5	75.0	67.3	63.7	61.9	61.8	57.9	53.4	44.2
09/06/2018 10:50	61.4	58.2	56.4	52.7	49.4	45.3	39.0	29.5	74.3	66.9	64.3	61.5	64.8	58.6	55.0	43.3
09/06/2018 11:00	61.5	56.4	52.6	49.9	47.7	43.9	37.8	29.6	72.4	63.5	62.5	61.8	57.9	54.7	49.9	42.7
09/06/2018 11:10	61.2	56.3	52.4	49.6	47.9	44.3	38.2	30.1	71.2	62.2	62.1	56.7	59.0	56.6	53.2	45.7
09/06/2018 11:20	62.3	57.4	53.0	50.6	48.6	45.0	38.9	30.4	77.6	67.2	67.4	66.3	63.6	58.2	47.1	44.3
09/06/2018 11:30	60.8	57.1	53.5	50.1	48.0	44.6	38.7	30.4	69.6	63.4	61.5	61.6	59.6	57.3	47.3	45.5
09/06/2018 11:40	61.5	58.6	55.2	50.5	48.5	45.0	39.7	31.6	73.3	68.3	64.4	60.5	67.4	62.9	55.1	42.2
09/06/2018 11:50	61.5	59.3	54.5	49.9	47.8	44.0	38.1	29.6	77.3	68.8	61.5	57.9	60.9	54.5	49.5	42.8
09/06/2018 12:00	61.0	56.7	53.2	50.0	47.8	44.7	38.6	29.9	72.7	65.4	62.7	59.0	57.5	58.1	48.3	44.6
09/06/2018 12:10	60.9	58.6	54.4	51.0	49.2	46.0	40.4	32.0	70.7	76.0	67.9	65.4	61.2	57.0	55.5	50.0
09/06/2018 12:20	60.3	57.3	53.6	50.8	50.0	47.4	40.9	31.4	69.5	65.9	61.0	60.2	59.2	59.7	51.4	44.8
09/06/2018 12:30	61.1	57.9	54.9	50.7	49.9	47.6	41.6	31.7	73.4	69.0	72.6	61.8	63.0	63.8	58.8	45.8
09/06/2018 12:40	61.1	57.6	53.8	50.3	48.8	46.1	39.8	31.3	71.8	69.7	63.1	57.2	60.2	57.1	52.3	52.6
09/06/2018 12:50	63.0	63.2	56.1	51.3	49.2	45.8	38.5	30.5	81.3	83.1	69.3	64.6	59.8	53.1	48.0	41.1
09/06/2018 13:00	63.3	60.9	60.9	60.1	57.0	49.2	37.1	27.2	78.1	74.9	78.9	79.2	76.5	67.0	52.7	44.3
09/06/2018 13:10	60.1	56.8	54.4	50.2	47.8	42.5	35.5	26.8	77.9	76.1	75.0	71.0	69.6	60.1	51.8	43.4
09/06/2018 13:20	60.5	56.4	53.0	49.3	46.4	41.8	35.6	26.7	71.9	64.5	61.3	57.4	54.5	52.3	48.9	46.5
09/06/2018 13:30	61.2	56.8	53.1	49.1	46.8	42.5	36.0	27.3	75.1	63.9	64.4	59.3	60.3	55.6	54.0	45.9
09/06/2018 13:40	60.1	56.6	52.8	48.7	46.1	41.6	34.3	25.9	71.1	66.1	62.4	54.9	55.2	54.0	47.7	42.2
09/06/2018 13:50	60.5	55.9	52.6	48.7	46.3	42.5	44.1	35.0	72.6	63.4	63.5	58.9	55.9	53.0	60.4	50.9
09/06/2018 14:00	60.8	56.8	54.3	50.9	48.0	45.9	45.3	36.9	74.4	69.2	66.1	65.0	60.9	60.5	61.8	53.1
09/06/2018 14:10	59.4	56.4	52.8	50.2	46.5	42.3	34.2	28.3	68.5	68.0	65.0	63.8	68.6	57.5	54.9	48.7
09/06/2018 14:20	58.7	59.3	52.3	48.6	45.0	40.2	33.7	29.8	70.5	77.7	65.6	61.5	60.2	51.3	49.3	54.5
09/06/2018 14:30	60.1	57.8	53.6	48.3	45.6	40.9	34.7	27.0	76.7	72.3	66.7	56.1	53.0	48.8	46.6	43.0
09/06/2018 14:40	60.1	56.6	53.5	49.0	45.8	41.3	35.4	29.4	72.0	66.7	61.3	61.7	57.1	61.7	60.1	53.3
09/06/2018 14:50	60.2	56.6	52.1	49.5	48.5	43.3	35.5	29.6	72.0	73.2	70.5	73.7	81.0	76.3	68.0	59.1
09/06/2018 15:00	60.3	56.6	52.8	49.6	45.3	39.2	31.3	26.9	72.2	64.7	65.0	64.3	58.5	53.7	52.5	47.5
09/06/2018 15:10	59.4	55.2	51.2	47.2	44.0	38.7	31.3	27.6	77.7	65.9	57.8	57.2	52.9	50.8	45.1	47.2
09/06/2018 15:20	59.0	56.3	52.2	47.5	44.4	39.2	31.4	26.7	69.7	64.3	58.9	55.0	52.0	49.6	42.6	43.4
09/06/2018 15:30	60.6	57.4	52.6	47.5	44.3	39.0	30.7	28.5	71.4	66.3	59.6	54.6	50.6	46.3	43.5	47.1
09/06/2018 15:40	60.6	57.6	52.0	47.8	44.4	39.4	32.9	27.3	71.2	68.6	62.5	56.7	51.8	48.3	51.8	50.4
09/06/2018 15:50	60.8	58.2	53.3	49.7	45.7	39.6	31.3	24.7	69.0	70.0	62.4	65.6	61.8	50.0	46.5	44.8
09/06/2018 16:00	61.1	57.7	52.8	48.5	45.9	40.6	32.9	26.3	73.5	69.8	64.4	61.1	58.9	51.3	51.8	42.8
09/06/2018 16:10	59.9	56.2	51.0	47.2	45.1	40.1	32.0	26.3	74.2	64.3	62.1	57.0	51.7	48.8	51.1	48.6
09/06/2018 16:20	58.9	54.6	50.6	47.8	45.2</											

Date & Time	Ambient L_{eq}								Maximum L_{fmax}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
09/06/2018 18:30	62.1	57.1	53.8	51.0	47.3	41.2	32.8	26.2	72.8	66.9	65.3	63.7	66.1	54.4	55.7	42.6
09/06/2018 18:40	59.3	56.2	50.5	48.0	45.2	40.1	31.6	27.1	69.4	66.2	60.6	58.8	51.4	50.0	44.2	42.5
09/06/2018 18:50	60.1	56.6	51.4	48.2	47.3	42.3	31.4	25.6	72.6	65.4	65.6	61.6	62.7	56.8	49.9	43.3
09/06/2018 19:00	59.7	55.4	50.8	48.1	46.1	39.9	36.1	26.3	72.9	62.8	64.2	57.1	64.2	52.7	63.1	49.8
09/06/2018 19:10	60.6	55.5	50.4	48.0	45.3	39.5	31.6	28.7	71.3	65.0	58.6	55.3	62.6	52.3	51.6	55.3
09/06/2018 19:20	61.4	56.1	50.8	48.0	45.9	40.8	32.5	25.3	78.3	65.0	57.7	54.0	52.9	55.3	46.2	42.5
09/06/2018 19:30	60.3	56.2	50.8	47.7	45.8	52.8	46.9	35.1	71.4	65.2	57.3	54.4	54.1	71.0	68.4	60.6
09/06/2018 19:40	60.3	56.2	51.0	48.0	45.6	40.8	33.3	28.1	69.4	63.4	60.0	54.9	52.2	52.2	53.0	46.0
09/06/2018 19:50	60.5	56.4	51.3	47.9	45.1	40.2	32.3	26.5	71.6	70.1	64.5	55.2	51.2	51.4	50.1	41.8
09/06/2018 20:00	60.9	57.3	51.7	48.3	45.5	40.8	33.4	28.6	73.8	67.1	63.7	59.2	54.5	51.7	55.2	47.0
09/06/2018 20:10	60.4	56.2	51.6	48.8	48.0	42.6	33.3	27.5	71.8	63.4	65.8	60.5	60.1	54.1	49.1	38.6
09/06/2018 20:20	60.2	55.8	50.5	47.5	45.6	40.1	31.6	24.3	70.8	61.7	54.9	53.2	57.1	53.3	47.6	42.6
09/06/2018 20:30	59.4	55.6	50.3	47.2	44.6	39.4	31.5	25.2	70.9	60.6	58.3	51.8	52.1	46.8	42.2	41.7
09/06/2018 20:40	59.2	54.7	49.6	47.4	45.0	40.3	31.8	25.8	69.2	67.2	59.0	57.3	56.4	57.0	42.2	43.8
09/06/2018 20:50	60.8	55.9	50.4	47.8	45.0	39.8	31.4	24.0	76.4	65.3	57.3	56.2	51.2	47.7	42.3	31.8
09/06/2018 21:00	60.7	56.1	50.9	47.9	45.7	41.0	33.1	25.9	74.1	68.8	66.1	55.9	67.2	63.9	54.1	44.0
09/06/2018 21:10	59.6	56.2	51.2	48.0	45.1	40.0	33.2	26.6	69.9	63.7	60.4	55.4	53.6	53.4	57.3	50.4
09/06/2018 21:20	60.2	56.3	50.8	47.7	45.2	40.1	32.3	26.3	72.6	67.3	62.5	58.2	54.7	56.0	55.1	52.6
09/06/2018 21:30	59.8	55.5	50.2	47.2	44.7	39.8	31.7	24.2	70.7	62.2	55.8	52.1	52.1	48.9	52.6	39.5
09/06/2018 21:40	59.5	54.9	50.7	48.0	45.1	39.7	31.7	26.9	71.7	63.7	62.3	57.7	54.5	52.3	52.0	50.1
09/06/2018 21:50	59.3	54.8	50.2	47.7	44.7	40.0	32.8	27.8	72.6	65.0	62.2	59.0	52.4	49.4	45.1	43.2
09/06/2018 22:00	59.9	55.1	51.2	49.3	45.7	40.5	32.8	27.6	71.0	66.6	66.4	60.0	59.7	57.9	50.0	42.5
09/06/2018 22:10	61.0	55.6	50.6	48.6	45.1	39.9	32.3	26.8	71.8	65.4	58.8	62.6	56.2	51.7	49.6	47.2
09/06/2018 22:20	59.6	56.3	52.9	50.6	48.3	41.7	33.7	27.8	68.8	64.6	65.9	69.4	69.5	59.2	53.0	45.7
09/06/2018 22:30	59.8	55.7	52.6	54.7	49.6	46.5	38.4	37.7	72.6	66.0	68.4	75.0	74.2	76.6	62.8	56.2
09/06/2018 22:40	59.7	59.7	58.8	60.0	55.7	48.6	47.9	52.3	71.0	71.0	70.2	79.4	70.0	63.6	56.8	63.2
09/06/2018 22:50	60.5	61.5	61.5	62.0	56.5	51.6	53.7	56.9	72.0	71.5	70.2	71.5	66.7	60.4	63.9	67.7
09/06/2018 23:00	60.8	57.4	59.6	61.2	57.8	52.9	51.9	52.9	74.6	67.9	82.4	77.6	69.0	65.7	63.9	64.5
09/06/2018 23:10	61.4	58.8	58.1	59.4	54.0	46.8	46.5	48.0	76.2	67.8	71.9	75.9	71.5	61.9	65.8	62.1
09/06/2018 23:20	59.9	55.0	51.4	48.0	45.0	39.5	32.1	30.1	72.7	65.3	65.0	59.2	51.1	48.3	47.8	44.8
09/06/2018 23:30	58.3	54.2	51.5	46.9	44.4	39.2	31.3	26.7	70.5	60.0	56.2	60.0	52.4	52.7	46.0	42.3
09/06/2018 23:40	58.6	55.2	51.1	47.5	44.3	38.4	30.6	25.9	66.9	63.1	65.3	59.2	52.1	46.9	47.5	43.8
09/06/2018 23:50	59.5	54.9	49.8	47.1	43.8	38.5	31.4	26.1	77.2	63.0	58.1	61.1	59.3	49.1	49.8	44.2
10/06/2018 00:00	59.0	56.1	50.8	47.3	43.9	37.9	30.0	25.4	69.9	69.1	64.8	60.1	54.5	49.9	50.4	43.4
10/06/2018 00:10	59.0	55.3	49.8	47.0	43.5	38.0	30.7	27.0	70.9	64.4	58.8	58.8	52.0	51.3	45.9	44.3
10/06/2018 00:20	59.0	54.6	49.4	46.2	43.2	37.8	30.4	25.9	69.0	60.6	56.7	54.6	53.3	48.2	48.4	50.6
10/06/2018 00:30	58.6	54.4	49.6	46.5	44.1	38.3	30.1	23.1	70.0	62.2	55.3	56.4	56.2	54.8	48.9	40.8
10/06/2018 00:40	58.1	54.7	49.4	46.1	44.2	38.0	29.0	21.6	73.0	61.1	55.8	53.8	55.0	51.0	47.0	39.2
10/06/2018 00:50	58.0	54.8	51.3	47.3	43.5	38.3	29.9	22.6	68.9	64.3	66.8	60.0	51.5	50.7	47.6	37.1
10/06/2018 01:00	58.1	53.1	49.3	46.2	43.3	37.4	28.8	21.8	70.0	59.9	57.6	53.1	53.0	47.5	43.2	32.3
10/06/2018 01:10	57.0	51.6	47.7	45.2	42.8	36.7	27.6	21.3	68.5	58.5	53.8	49.8	51.6	47.1	36.5	31.9
10/06/2018 01:20	56.9	51.9	49.2	46.0	43.5	37.3	28.7	20.6	67.5	60.6	62.1	54.1	52.1	48.5	47.2	30.0
10/06/2018 01:30	58.2	54.6	51.5	47.9	43.9	37.0	27.9	20.9	69.4	68.8	66.5	62.6	56.1	49.0	41.5	30.1
10/06/2018 01:40	57.8	55.6	51.6	48.3	47.1	46.1	42.6	35.4	71.6	78.8	77.8	72.8	73.8	74.2	68.1	62.0
10/06/2018 01:50	58.3	54.7	49.9	45.8	42.4	36.5	27.8	20.8	72.9	60.9	59.9	53.9	50.1	44.6	38.0	33.4
10/06/2018 02:00	56.8	54.0	48.5	44.8	41.3	35.8	29.0	20.7	66.3	60.5	54.3	52.2	50.7	47.6	42.8	30.4
10/06/2018 02:10	57.2	53.5	48.4	45.1	42.3	36.4	27.8	21.1	67.9	59.2	53.6	54.5	51.9	47.5	40.2	31.1
10/06/2018 02:20	57.4	54.3	48.6	45.0	42.9	36.5	27.2	20.4	68.8	58.8	53.1	52.9	54.7	47.0	34.2	33.5
10/06/2018 02:30	57.1	54.3	48.7	45.0	42.6	36.8	29.9	28.7	71.1	66.5	62.5	55.3	56.9	52.2	55.3	55.0
10/06/2018 02:40	57.3	54.5	48.7	45.5	42.8	36.9	28.5	23.5	72.4	69.7	63.0	55.0	52.6	49.5	42.9	40.8
10/06/2018 02:50	57.5	54.3	49.7	47.0	46.2	42.9	36.3	27.8	73.6	66.6	64.1	67.7	73.3	71.1	62.8	51.8
10/06/2018 03:00	56.8	54.1	49.1	45.9	43.2	37.5	30.1	25.8	67.4	61.5	56.7	55.5	53.0	52.5	44.7	44.5
10/06/2018 03:10	57.5	52.9	48.3	45.4	43.1	37.7	29.3	23.6	69.1	65.0	56.5	53.1	57.6	54.6	46.2	38.3
10/06/2018 03:20	57.0	52.7	48.1	45.4	42.7	37.2	28.8	24.8	66.4	61.1	54.2	65.8	57.0	54.3	46.6	46.8
10/06/2018 03:30	56.8	53.0	48.3	45.1	42.1	40.5	31.6	21.9	65.4	60.0	55.9	53.6	53.0	57.0	50.6	43.2
10/06/2018 03:40	56.2	52.9	47.9	44.6	41.7	43.5	36.9	25.9	65.6	57.1	52.6	54.0	53.3	60.6	57.2	48.6
10/06/2018 03:50	56.6	53.4	48.3	44.7	42.4	41.5	34.0	24.3	62.2	58.2	53.2	49.6	53.7	61.4	58.1	48.3
10/06/2018 04:00	56.3	54.0	48.8	44.9	42.5	37.9	29.1	21.2	64.3	61.3	56.0	53.3	53.8	56.4	47.7	35.9
10/06/2018 04:10	56.0	53.8	48.3	44.6	41.5	36.4	27.8	21.2	64.4	59.2	52.9	48.0	50.8	47.1	40.9	34.1
10/06/2018 04:20	57.1	53.5	48.6	45.0	42.7	38.2	29.4	22.9	68.9	60.7	59.3	58.7	53.9	52.0	47.9	42.0
10/06/2018 04:30	56.0	51.4	47.4	44.6	41.2	35.7	27.4	21.6	67.9	57.8	51.0	52.8	48.7	43.3	40.0	39.2
10/06/2018 04:40	56.0	51.3	47.3	44.7	41.5	35.7	27.7	21.1	65.4	58.5	53.2	51.4	53.7	47.1	42.0	35.2
10/06/2018 04:50	57.8	52.9	48.2	45.0	41.6	36.1	29.2	23.1	67.2	60.3	57.6	54.5	48.8	44.6	42.1	42.3
10/06/2018 05:00	57.7	53.1	48.2	48.3	41.6	36.1	29.0	22.9	62.9	57.4	52.5	64.9	49.9	43.2	49.0	50.2
10/06/2018 05:10	57.7	53.7	48.3	45.0	41.9	36.6	29.1	24.8	66.5	58.7	51.9	53.6	50.0	44.2	42.9	48.9
10/06/2018 05:20	59.8	54.5	49.0	44.9	42.4	38.9	28.3	21.8	68.5	59.4	55.8	54.3	59.2	60.8	38.1	41.1
10/06/2018 05:30	61.1	55.2	50.1	45.4	42.9	37.9	30.5	23.8	70.9	62.8	58.6	53.1	54.5	50.0	47.5	41.6
10/06/2018 05:40	57.2	54.3	48.6	44.9	43.8	37.6	28.3	21.5	67.2	59.8	53.6	53.0	62.1	54.8	42.3	42.0
10/06/2018 05:50	59.9	54.7	49.1	45.2	42.3	36.7	29.3	23.4	72.3	69.5	63.8	54.5	53.5	47.1	48.3	47.6
10/06/2018 06:00	57.9	54.7	49.2	45.0	42.2	37.1	29.3	23.5	67.4	59.3	59.1	50.0	49.4	52.1	46.0	43.5
10/06/2018 06:10	58.0	54.2	48.9	45.2	42.6											

Date & Time	Ambient L_{eq}								Maximum L_{fmax}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
10/06/2018 08:20	58.1	55.7	50.0	46.0	43.5	37.7	29.7	22.2	71.6	67.5	59.9	55.8	54.7	48.2	48.8	45.6
10/06/2018 08:30	59.6	55.1	49.8	45.7	43.1	37.4	29.0	22.5	69.7	63.8	54.3	55.7	50.0	43.0	38.7	41.1
10/06/2018 08:40	59.0	54.8	50.0	45.7	43.5	38.0	29.5	22.3	76.7	62.8	57.9	55.0	49.5	47.3	50.7	42.0
10/06/2018 08:50	59.2	55.3	50.8	46.7	44.4	39.2	30.3	23.6	72.7	63.3	59.6	53.7	53.8	53.9	44.4	49.6
10/06/2018 09:00	57.9	54.4	49.6	46.3	44.2	39.7	34.7	24.5	68.9	61.7	58.7	55.8	58.6	56.6	56.6	46.1
10/06/2018 09:10	57.6	53.5	49.9	46.7	44.1	37.9	29.0	21.5	71.0	61.3	57.4	55.0	54.7	45.9	38.6	39.7
10/06/2018 09:20	59.0	53.7	49.5	46.3	43.6	38.2	30.3	22.6	74.0	67.1	58.1	53.6	54.2	47.7	48.2	38.3
10/06/2018 09:30	59.1	54.1	50.0	46.3	43.5	37.8	29.7	22.6	69.4	65.0	63.3	54.2	50.7	46.3	41.3	37.9
10/06/2018 09:40	59.6	54.5	50.6	47.1	44.7	39.2	31.0	25.0	74.6	68.3	63.8	58.4	55.9	54.0	46.8	46.3
10/06/2018 09:50	59.2	55.7	50.7	46.8	43.7	39.7	30.8	23.4	74.4	66.0	60.9	56.4	53.1	51.7	50.8	40.9
10/06/2018 10:00	59.3	55.5	50.8	46.3	43.9	40.4	29.8	21.7	69.5	61.9	59.5	55.8	59.0	51.2	37.1	36.2
10/06/2018 10:10	59.8	55.2	51.8	46.9	43.9	37.5	28.8	22.3	71.8	64.9	63.6	60.0	56.5	45.7	40.0	38.8
10/06/2018 10:20	59.3	55.0	51.5	47.5	44.6	38.1	30.7	25.9	68.9	63.2	64.3	61.1	56.1	45.8	53.6	54.2
10/06/2018 10:30	58.8	55.2	52.2	48.2	45.2	38.4	29.2	22.8	71.5	65.6	65.7	65.7	61.1	50.5	36.5	50.7
10/06/2018 10:40	59.9	55.6	51.9	46.8	43.8	38.7	31.0	23.0	69.7	63.6	65.0	55.7	52.0	48.1	42.6	34.8
10/06/2018 10:50	59.2	55.6	52.2	46.7	43.4	38.3	30.8	24.1	73.2	74.9	69.7	64.3	53.4	54.4	54.1	46.8
10/06/2018 11:00	60.0	57.2	52.6	48.0	45.8	40.2	32.8	26.9	70.4	67.5	61.4	61.5	63.6	58.5	51.1	47.3
10/06/2018 11:10	60.6	60.0	55.1	49.7	47.2	44.6	38.6	33.0	72.4	76.5	72.3	66.1	65.1	59.7	52.9	52.4
10/06/2018 11:20	60.3	56.9	52.2	47.7	45.1	41.6	34.8	28.7	71.1	66.4	62.4	59.1	59.7	53.9	50.1	45.9
10/06/2018 11:30	59.4	58.0	53.2	46.6	44.2	44.1	39.9	32.6	69.9	76.5	71.2	55.1	55.5	59.0	48.6	38.3
10/06/2018 11:40	59.7	56.6	51.5	46.6	44.1	40.0	31.4	25.1	70.8	71.3	67.2	56.5	54.6	53.7	44.4	39.8
10/06/2018 11:50	61.1	58.7	54.3	48.1	46.2	45.9	40.8	36.8	76.1	77.2	73.4	64.6	62.1	63.5	57.4	57.8
10/06/2018 12:00	63.2	58.1	54.6	49.2	45.3	41.8	36.6	29.5	83.4	75.4	74.1	70.7	66.3	60.8	50.8	42.3
10/06/2018 12:10	64.2	61.4	56.3	49.6	45.3	39.6	31.5	22.5	80.8	76.4	72.5	67.3	58.5	50.4	45.1	39.5
10/06/2018 12:20	61.9	59.9	54.8	48.8	44.6	38.9	30.5	22.9	78.3	77.1	72.1	67.3	59.0	55.7	48.9	38.7
10/06/2018 12:30	59.5	55.9	52.1	47.3	44.1	38.3	29.9	22.5	67.3	70.8	66.8	59.7	52.1	49.0	43.4	39.1
10/06/2018 12:40	61.6	56.9	53.8	49.1	45.0	39.1	29.7	22.5	76.2	73.1	71.9	65.3	58.2	53.7	43.6	36.7
10/06/2018 12:50	62.3	56.7	52.6	48.9	44.9	38.9	30.6	23.5	76.9	69.4	66.2	62.7	53.3	51.9	46.9	42.5
10/06/2018 13:00	60.8	55.4	50.9	46.7	44.0	38.3	30.4	23.5	78.1	64.3	57.6	53.6	50.0	46.0	44.1	44.9
10/06/2018 13:10	60.5	55.7	52.0	47.6	44.6	39.0	30.8	25.0	72.6	66.1	65.2	55.6	54.5	48.1	42.0	46.4
10/06/2018 13:20	59.4	55.2	51.2	47.2	44.0	39.1	32.0	24.7	70.6	66.3	63.5	56.6	54.6	53.1	52.8	41.7
10/06/2018 13:30	58.4	54.2	49.7	46.2	44.1	41.6	36.6	29.5	70.8	66.0	56.1	51.5	52.3	50.1	48.3	39.3
10/06/2018 13:40	62.4	57.2	56.6	55.6	51.0	43.8	36.4	35.7	74.5	71.5	67.8	68.9	66.9	54.9	52.6	57.8
10/06/2018 13:50	61.1	57.1	57.7	54.4	49.8	45.2	41.1	36.6	73.2	71.3	78.6	76.9	68.5	63.4	53.0	47.8
10/06/2018 14:00	62.3	57.7	54.2	50.8	48.0	42.1	35.5	29.7	78.7	74.6	69.1	65.2	58.0	50.4	47.1	44.9
10/06/2018 14:10	61.6	58.3	55.3	52.8	49.4	43.5	35.7	28.7	73.7	73.1	71.2	71.0	67.5	61.0	57.3	55.2
10/06/2018 14:20	60.4	57.0	54.0	51.2	48.9	43.4	34.2	27.9	71.3	71.6	65.4	61.8	59.6	58.0	47.9	47.5
10/06/2018 14:30	62.0	57.5	54.6	51.8	49.3	44.7	38.7	37.0	73.2	68.8	69.1	69.7	65.8	59.3	48.7	46.1
10/06/2018 14:40	60.7	57.1	52.6	48.9	47.5	44.1	40.0	40.5	73.8	67.8	64.8	63.9	61.0	58.2	56.3	59.3
10/06/2018 14:50	60.4	56.4	54.1	51.0	48.2	44.3	41.1	40.9	69.3	66.8	68.6	65.4	60.0	58.9	58.4	59.1
10/06/2018 15:00	62.4	56.7	53.7	50.7	47.2	41.1	34.1	32.1	76.9	67.7	62.8	58.5	59.0	56.1	52.2	56.6
10/06/2018 15:10	61.1	56.7	53.8	51.0	48.1	43.2	37.8	35.9	74.8	65.6	63.6	61.3	61.0	58.5	56.2	51.2
10/06/2018 15:20	59.8	56.3	51.8	48.9	46.0	40.3	33.1	28.4	72.4	71.3	66.6	61.7	58.0	52.6	54.8	49.3
10/06/2018 15:30	62.8	59.8	58.3	55.6	52.4	48.6	43.7	40.4	78.7	76.9	78.2	74.6	72.2	70.1	64.3	55.8
10/06/2018 15:40	61.0	59.9	55.0	50.5	48.1	43.6	39.0	37.8	70.9	76.0	73.2	64.2	59.6	55.9	54.0	57.1
10/06/2018 15:50	61.6	58.2	54.4	51.2	50.3	45.7	41.4	40.2	75.2	75.8	68.8	63.8	63.0	58.5	53.7	58.1
10/06/2018 16:00	60.6	55.3	51.4	48.1	46.7	42.0	35.0	30.8	69.7	64.7	64.2	62.2	57.8	53.5	51.3	56.0
10/06/2018 16:10	63.1	58.3	53.7	49.0	46.7	41.8	34.4	28.2	80.0	75.5	68.9	58.0	56.7	50.3	43.3	39.9
10/06/2018 16:20	61.1	57.0	52.9	48.6	46.5	41.4	34.7	27.8	82.7	71.3	70.6	57.6	56.8	52.7	50.6	42.9
10/06/2018 16:30	64.8	58.9	55.6	54.8	52.8	48.3	41.0	28.8	79.1	72.1	69.4	75.0	71.3	67.8	60.3	45.8
10/06/2018 16:40	60.6	57.9	53.8	48.2	45.7	40.7	32.2	26.4	71.7	77.8	72.2	60.2	58.3	51.7	42.2	45.0
10/06/2018 16:50	60.4	56.7	53.0	47.6	46.3	40.7	33.3	26.1	71.3	73.7	69.8	62.6	65.5	56.0	55.7	48.1
10/06/2018 17:00	60.3	56.1	51.6	48.2	46.2	41.8	33.2	26.6	73.2	71.1	71.9	70.4	68.1	64.1	53.5	40.0
10/06/2018 17:10	60.8	55.0	50.5	46.9	44.9	39.8	31.4	25.6	79.3	67.4	62.7	58.4	57.7	57.3	49.8	38.3
10/06/2018 17:20	62.6	57.2	53.0	48.4	45.5	40.3	32.9	25.7	77.5	72.7	70.1	63.5	56.9	50.7	51.6	46.6
10/06/2018 17:30	63.4	57.9	53.9	51.9	49.8	45.1	38.8	29.0	81.9	72.5	70.3	69.4	69.8	64.7	60.3	50.3
10/06/2018 17:40	61.0	55.7	50.9	49.1	46.8	40.9	32.4	26.3	73.6	68.8	61.6	62.1	55.1	53.0	53.5	50.0
10/06/2018 17:50	62.0	57.7	51.2	48.4	46.3	40.3	31.7	27.3	81.0	74.1	68.1	57.3	55.3	54.7	51.1	56.1
10/06/2018 18:00	61.3	59.4	54.6	50.6	48.1	41.3	32.4	25.5	73.9	77.4	72.0	66.4	63.7	54.1	54.1	46.9
10/06/2018 18:10	61.0	55.2	50.6	48.1	46.7	43.5	33.0	28.7	76.8	64.7	61.7	65.6	59.2	57.2	50.5	50.8
10/06/2018 18:20	63.2	59.0	53.3	51.6	49.1	46.8	41.8	32.9	80.2	81.7	75.2	71.0	68.0	68.6	64.1	55.4
10/06/2018 18:30	60.1	55.9	51.0	48.2	46.9	41.4	32.6	23.9	70.8	65.5	60.7	63.0	64.9	57.9	53.9	38.5
10/06/2018 18:40	60.0	55.6	50.4	46.7	44.2	38.9	30.9	23.0	74.9	66.2	57.7	53.1	58.6	50.7	44.7	39.7
10/06/2018 18:50	61.6	55.9	52.1	49.8	48.1	43.8	35.0	25.9	75.3	67.2	66.5	66.3	68.8	67.9	53.2	44.5
10/06/2018 19:00	59.1	55.4	51.4	47.9	45.9	40.2	31.6	24.0	71.6	65.5	64.2	60.2	67.7	55.1	44.6	38.7
10/06/2018 19:10	59.3	56.3	51.8	47.5	45.0	39.2	30.7	23.2	70.7	74.1	69.5	59.0	64.5	54.9	47.2	40.0
10/06/2018 19:20	59.5	56.4	50.7	47.2	45.0	39.5	31.0	25.1	72.4	70.8	59.1	60.1	58.5	52.5	49.7	50.1
10/06/2018 19:30	58.3	55.5	50.9	47.6	45.4	39.6	31.0	23.1	68.8	65.0	61.7	57.6	59.4	53.6	54.0	43.8
10/06/2018 19:40	58.7	56.2	50.1	46.9	43.8	38.8	32.0	25.2	71.0	69.6	57.7	56.3	51.9	55.4	55.9	52.9
10/06/2018 19:50	59.2	58.4	56.0	53.4	49.3	44.2	34.9	25.3	70.2	73.0	75.1	73.5	67.7	64.3	54.9	47.2
10/06/2018 20:00	62.6	56.0	51.2	50.2	49.5											

Date & Time	Ambient L_{eq}								Maximum L_{max}							
	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k
10/06/2018 22:10	59.9	55.3	50.1	47.3	44.7	39.1	30.1	22.9	72.9	61.7	58.6	58.2	59.9	53.0	40.9	35.2
10/06/2018 22:20	60.0	56.5	51.6	47.2	44.4	38.8	30.3	22.7	71.1	75.7	67.1	54.8	52.1	50.7	45.3	37.4
10/06/2018 22:30	58.2	55.0	50.0	46.5	43.9	38.3	30.0	22.1	69.1	61.7	62.4	56.3	50.9	56.8	54.0	36.3
10/06/2018 22:40	59.0	55.5	50.8	46.9	44.6	38.7	29.7	21.6	73.8	65.3	62.4	54.5	52.7	47.8	42.3	33.1
10/06/2018 22:50	58.6	55.5	50.3	46.8	43.7	38.5	29.9	23.1	68.0	62.4	58.4	53.4	51.5	48.3	40.7	32.2
10/06/2018 23:00	59.0	55.5	50.5	47.2	46.4	46.3	42.6	33.4	73.3	63.2	60.8	56.1	62.9	66.2	65.3	54.8
10/06/2018 23:10	58.5	54.6	51.6	47.3	44.6	39.0	30.8	22.6	72.4	66.9	63.6	55.4	52.2	51.1	46.7	36.4
10/06/2018 23:20	59.7	54.9	52.7	48.1	47.2	40.6	30.5	22.3	67.9	64.9	65.6	61.0	61.1	55.6	49.5	30.1
10/06/2018 23:30	61.6	54.8	52.0	46.8	43.7	38.3	30.4	25.0	74.4	64.8	60.4	54.6	54.5	52.5	43.4	46.6
10/06/2018 23:40	59.6	53.9	49.5	45.7	43.0	37.3	28.8	23.3	71.2	61.7	54.2	52.8	51.4	46.9	36.8	42.6
10/06/2018 23:50	58.0	54.8	49.8	46.0	43.7	37.9	29.5	22.8	70.4	65.4	65.2	56.1	53.2	51.4	44.3	32.6
11/06/2018 00:00	58.1	54.9	49.5	45.8	43.0	37.1	28.9	21.5	70.7	60.2	54.3	51.9	50.6	46.1	39.8	31.9
11/06/2018 00:10	59.1	55.0	49.3	45.9	43.3	37.4	29.0	22.2	72.6	63.4	54.7	53.5	51.8	46.9	40.0	36.3
11/06/2018 00:20	61.6	54.8	49.7	47.2	43.9	37.7	29.2	21.7	70.1	62.5	54.4	63.2	55.1	48.3	43.3	34.7
11/06/2018 00:30	57.4	54.5	49.3	45.7	42.8	36.7	27.9	21.8	69.0	60.1	55.9	53.5	50.2	50.7	44.0	32.7
11/06/2018 00:40	57.8	53.5	48.3	45.9	42.9	36.7	27.9	20.4	66.8	58.1	54.8	53.3	56.5	47.6	36.8	34.0
11/06/2018 00:50	60.0	55.0	49.5	46.2	44.4	40.4	33.5	25.2	68.2	61.7	61.7	65.7	70.2	68.6	61.3	53.0
11/06/2018 01:00	60.1	55.9	50.1	45.7	42.0	36.5	28.6	22.1	69.1	59.7	55.9	54.2	48.9	43.7	35.6	38.8
11/06/2018 01:10	58.0	55.5	49.6	45.3	41.7	35.9	28.0	21.4	68.0	59.8	56.0	53.7	50.4	51.6	47.6	47.8
11/06/2018 01:20	58.3	55.3	49.5	46.1	43.0	37.1	28.6	21.4	67.6	59.3	59.5	55.9	53.9	49.8	41.2	33.8
11/06/2018 01:30	57.8	54.9	49.2	45.8	43.3	38.3	30.5	22.1	67.2	59.5	56.3	53.4	51.0	48.2	42.3	38.6
11/06/2018 01:40	59.2	56.1	50.2	47.3	44.3	41.0	31.8	23.6	72.9	65.7	57.6	57.3	56.3	58.7	45.3	36.7
11/06/2018 01:50	58.5	55.8	49.9	46.2	43.4	38.3	30.6	23.8	69.6	69.0	61.4	55.7	55.1	49.4	49.6	43.1
11/06/2018 02:00	56.9	54.5	48.7	45.4	42.0	36.2	27.9	21.4	64.9	58.6	52.4	53.2	50.4	43.4	34.8	32.6
11/06/2018 02:10	58.4	55.6	49.6	45.8	42.6	37.6	29.6	22.2	67.1	64.2	60.1	58.3	54.1	48.9	41.3	33.8
11/06/2018 02:20	58.0	55.3	49.4	44.9	41.8	36.9	29.3	22.4	67.8	59.9	54.8	54.0	49.4	44.4	39.8	38.0
11/06/2018 02:30	60.3	55.1	49.5	45.8	42.7	37.0	29.1	23.7	72.3	62.8	62.2	55.5	53.2	47.3	44.7	43.5
11/06/2018 02:40	57.8	54.4	48.8	45.2	42.4	36.9	28.5	22.1	65.9	59.2	55.3	54.1	52.5	46.0	38.8	47.0
11/06/2018 02:50	61.3	55.0	49.9	45.7	42.6	37.0	28.8	22.8	69.5	59.6	57.5	54.1	49.4	44.3	38.9	39.9
11/06/2018 03:00	57.5	54.0	48.8	45.4	41.7	36.0	27.8	21.7	69.6	58.7	53.0	54.3	47.8	41.4	32.6	35.0
11/06/2018 03:10	57.5	53.7	48.7	45.6	42.8	37.6	29.5	22.4	71.2	62.6	57.0	54.0	54.0	50.4	43.1	33.2
11/06/2018 03:20	56.8	54.6	48.7	45.5	42.0	36.3	27.8	21.2	71.7	59.7	52.5	53.7	50.2	46.2	39.9	33.4
11/06/2018 03:30	60.4	55.2	49.8	45.5	42.9	37.6	29.3	22.8	74.0	59.7	54.0	53.0	51.6	44.9	40.6	36.8
11/06/2018 03:40	59.7	55.1	49.6	45.8	42.7	38.4	30.9	22.3	67.8	60.2	54.4	54.5	53.1	53.1	51.4	37.6
11/06/2018 03:50	59.3	55.4	50.2	45.8	43.7	41.6	34.0	22.9	72.7	61.9	59.5	54.5	61.0	64.3	55.4	39.5
11/06/2018 04:00	58.0	55.0	49.4	45.6	42.1	39.0	33.0	23.0	70.2	59.5	55.2	54.4	56.8	54.8	56.2	42.3
11/06/2018 04:10	58.5	55.1	49.6	45.4	42.2	36.9	28.9	21.7	72.5	60.0	54.3	53.1	51.2	45.2	37.5	29.6
11/06/2018 04:20	58.2	55.3	49.8	46.1	42.5	37.0	28.7	21.5	67.9	62.9	59.6	55.1	51.8	46.5	38.7	33.6
11/06/2018 04:30	58.7	55.5	49.7	46.3	43.4	38.0	30.4	22.9	68.6	64.4	58.9	57.5	55.3	51.4	44.6	37.4
11/06/2018 04:40	58.2	55.3	49.4	45.6	42.1	38.0	29.2	22.4	67.2	59.5	58.2	54.6	51.8	56.3	48.6	42.3
11/06/2018 04:50	63.5	56.3	51.5	47.0	44.1	39.6	32.7	25.4	74.5	70.7	62.7	56.1	53.3	50.0	47.8	41.2
11/06/2018 05:00	61.5	55.2	50.1	46.0	42.4	37.5	29.6	23.3	76.3	63.5	57.9	54.9	51.3	46.4	43.4	40.7
11/06/2018 05:10	62.6	55.7	51.4	46.6	44.3	39.6	32.0	24.4	70.2	61.7	60.1	54.1	65.1	59.9	51.9	39.6
11/06/2018 05:20	61.0	54.7	50.5	46.3	43.5	38.7	30.4	23.7	68.7	62.3	59.2	57.5	56.6	54.3	45.1	39.2
11/06/2018 05:30	59.6	55.2	50.0	46.7	43.8	38.5	30.5	23.8	73.8	67.5	60.0	57.9	55.0	49.4	42.4	41.2
11/06/2018 05:40	60.3	56.2	51.2	47.2	44.5	39.2	31.7	25.0	70.7	62.3	64.4	59.0	55.2	48.1	47.8	45.3
11/06/2018 05:50	61.1	55.9	51.8	46.8	44.2	38.5	30.5	24.0	71.3	63.2	64.9	54.5	54.9	48.8	44.7	36.3
11/06/2018 06:00	59.9	56.2	50.6	46.6	44.1	38.7	31.5	24.8	75.7	62.9	58.7	55.4	52.1	53.7	49.1	51.0
11/06/2018 06:10	61.6	56.0	51.2	47.9	46.0	40.6	34.5	27.5	71.9	65.1	61.5	60.2	59.3	57.6	54.7	49.4
11/06/2018 06:20	61.5	57.0	51.4	47.1	44.9	39.4	31.6	25.0	70.8	65.5	57.4	54.8	53.5	52.0	45.8	44.4
11/06/2018 06:30	62.6	57.5	52.3	48.3	46.1	41.8	35.0	26.5	77.6	65.3	60.6	58.8	61.2	59.6	60.3	44.9
11/06/2018 06:40	61.8	57.4	52.0	48.2	46.0	41.1	33.7	26.6	74.1	64.7	61.0	57.2	55.3	52.7	47.0	41.7
11/06/2018 06:50	61.8	57.6	52.4	47.8	45.2	40.1	33.6	31.0	73.8	64.8	62.3	56.6	52.8	55.6	52.0	54.3
11/06/2018 07:00	63.2	58.3	52.8	48.4	45.4	40.1	32.7	26.2	83.0	69.9	62.4	58.5	53.3	48.3	49.0	50.3
11/06/2018 07:10	61.7	57.7	53.6	49.6	46.7	42.1	35.9	29.1	75.8	72.7	64.9	66.4	66.0	66.3	62.0	52.6
11/06/2018 07:20	62.7	58.1	54.0	49.7	46.9	42.3	35.1	29.4	74.3	68.5	61.4	59.8	55.6	53.1	51.5	44.9
11/06/2018 07:30	63.4	57.7	53.7	49.5	47.0	42.2	35.5	30.4	76.0	69.3	63.9	60.9	58.0	53.7	48.1	45.6
11/06/2018 07:40	61.7	57.7	53.0	49.7	46.9	42.3	35.1	28.3	76.3	70.6	61.9	62.0	57.3	51.4	46.3	43.2
11/06/2018 07:50	64.4	59.8	54.3	50.9	50.3	45.8	37.4	30.2	76.0	72.1	65.0	62.0	65.8	64.9	65.7	59.5
11/06/2018 08:00	63.0	59.2	54.7	52.0	50.3	47.0	42.5	34.2	73.6	69.4	66.2	65.6	65.1	62.1	56.5	49.1
11/06/2018 08:10	64.8	59.9	55.7	53.9	52.1	48.2	43.8	35.2	76.3	70.1	67.5	67.9	66.9	63.3	57.4	52.4
11/06/2018 08:20	64.8	60.2	56.0	54.3	53.7	51.9	47.9	40.9	77.7	71.8	71.0	69.8	71.5	68.5	67.8	59.8
11/06/2018 08:30	65.6	61.2	57.1	54.0	53.2	51.1	47.8	42.9	80.2	77.5	72.9	67.6	64.7	64.3	59.6	56.8
11/06/2018 08:40	66.0	60.9	56.1	54.4	54.2	52.4	49.6	43.9	75.6	73.6	69.0	65.2	67.2	65.5	61.1	58.8
11/06/2018 08:50	65.5	60.8	56.6	54.9	54.9	53.7	50.6	46.0	78.3	72.8	65.9	68.5	66.6	64.4	60.7	60.5
11/06/2018 09:00	64.5	60.2	56.0	54.5	54.5	53.0	50.7	46.4	81.7	72.3	68.6	68.6	72.0	66.8	64.4	63.0
11/06/2018 09:10	64.2	59.2	55.4	53.8	53.3	51.9	48.9	44.5	73.0	70.2	69.5	66.7	72.5	70.3	67.1	57.6
11/06/2018 09:20	63.8	59.0	56.3	54.0	53.3	51.9	49.5	44.7	73.4	66.9	70.8	64.8	62.1	61.6	60.7	54.3
11/06/2018 09:30	65.3	60.9	56.0	53.6	53.4	53.6	51.6	47.1	74.5	73.2	69.7	65.5	72.7	76.8	73.7	65.2
11/06/2018 09:40	64.7	59.6	55.5	54.0	53.9	52.3	49.3	44.9	78.6	76.8	65.3	67.7	68.8	68.0	62.3	55.3
11/06/2018 09:50	64.3	58.6	55.7	53.8	53.7</											

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Prepared by: Jason Clouston BEng MSc MIOA

Checked by: John Lloyd BEng MSc CEng MIOA MCIBSE



SCOTCH
Partners

Scotch Partners LLP
Scriptor Court
157 Farringdon Road
London, EC1R 3AD
T: 0203 544 5400
E: enquiries@scotchpartners.com