



NEW AMENITY SPACES  
SUNLIGHT/SHADOW CALCULATION DATA

DKP-N38-5060-C

# APPENDIX

## C

### Castlelake Housing & Apartment Development

## PRIVATE AMENITY SPACES (BALCONIES)

#### Compliance guide

	0% Over /equal to
	5% Within
	10% Within
	10% In excess of



SUNLIGHT/SHADOW CALCULATION DATA

**211** Private amenity space (balcony) NE **14.6** m2

**NEW STATUS** March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	2	123
8.00	36%	64%	60	9	561
9.00	16%	84%	60	12	736
10.00	15%	85%	60	12	745
11.00	14%	86%	60	13	753
12.00	14%	86%	60	13	753
13.00	17%	83%	60	12	727
14.00	42%	58%	60	8	508
15.00	59%	41%	60	6	359
16.00	88%	12%	60	2	105
17.00	90%	10%	60	1	88
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.23  
 Achieved daily sun time \* area 5457

**212** Private amenity space (balcony) E **10.7** m2

**NEW STATUS** March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	32
8.00	86%	14%	60	1	90
9.00	36%	64%	60	7	411
10.00	16%	84%	60	9	539
11.00	15%	85%	60	9	546
12.00	14%	86%	60	9	552
13.00	14%	86%	60	9	552
14.00	17%	83%	60	9	533
15.00	42%	58%	60	6	372
16.00	59%	41%	60	4	263
17.00	88%	12%	60	1	77
18.00	90%	10%	60	1	64
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.28  
 Achieved daily sun time \* area 4032

**213** Private amenity space (balcony) SE **12.7** m2

**NEW STATUS** March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	38
8.00	88%	12%	60	2	91
9.00	86%	14%	60	2	107
10.00	36%	64%	60	8	488
11.00	16%	84%	60	11	640
12.00	15%	85%	60	11	648
13.00	14%	86%	60	11	655
14.00	14%	86%	60	11	655
15.00	17%	83%	60	11	632
16.00	42%	58%	60	7	442
17.00	59%	41%	60	5	312
18.00	88%	12%	60	2	91
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.30  
 Achieved daily sun time \* area 4801

**214** Private amenity space (balcony) SW **18.1** m2

**NEW STATUS** March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	22
9.00	95%	5%	60	1	54
10.00	90%	10%	60	2	109
11.00	86%	14%	60	3	152
12.00	36%	64%	60	12	695
13.00	16%	84%	60	15	912
14.00	15%	85%	60	15	923
15.00	14%	86%	60	16	934
16.00	14%	86%	60	16	934
17.00	17%	83%	60	15	901
18.00	42%	58%	60	10	630
19.00	59%	41%	60	7	445

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.18  
 Achieved daily sun time \* area 6711



SUNLIGHT/SHADOW CALCULATION DATA

**215** Private amenity space (balcony) W **11.3** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	1	34
11.00	90%	10%	60	1	68
12.00	86%	14%	60	2	95
13.00	36%	64%	60	7	434
14.00	16%	84%	60	9	570
15.00	15%	85%	60	10	576
16.00	14%	86%	60	10	583
17.00	14%	86%	60	10	583
18.00	17%	83%	60	9	563
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **6.00**  
 Achieved total sun time (hrs) 5.17  
 Achieved daily sun time \* area 3505

**216** Private amenity space (balcony) W **12.0** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	1	36
11.00	90%	10%	60	1	72
12.00	86%	14%	60	2	101
13.00	36%	64%	60	8	461
14.00	16%	84%	60	10	605
15.00	15%	85%	60	10	612
16.00	14%	86%	60	10	619
17.00	14%	86%	60	10	619
18.00	17%	83%	60	10	598
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **6.00**  
 Achieved total sun time (hrs) 5.17  
 Achieved daily sun time \* area 3722

**221** Private amenity space (balcony) NE **14.0** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	2	118
8.00	36%	64%	60	9	538
9.00	16%	84%	60	12	706
10.00	15%	85%	60	12	714
11.00	14%	86%	60	12	722
12.00	14%	86%	60	12	722
13.00	17%	83%	60	12	697
14.00	42%	58%	60	8	487
15.00	59%	41%	60	6	344
16.00	88%	12%	60	2	101
17.00	90%	10%	60	1	84
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.23  
 Achieved daily sun time \* area 5233

**222** Private amenity space (balcony) SE **11.1** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	33
8.00	88%	12%	60	1	80
9.00	86%	14%	60	2	93
10.00	36%	64%	60	7	426
11.00	16%	84%	60	9	559
12.00	15%	85%	60	9	566
13.00	14%	86%	60	10	573
14.00	14%	86%	60	10	573
15.00	17%	83%	60	9	553
16.00	42%	58%	60	6	386
17.00	59%	41%	60	5	273
18.00	88%	12%	60	1	80
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.30  
 Achieved daily sun time \* area 4196



SUNLIGHT/SHADOW CALCULATION DATA

**223** Private amenity space (balcony) SW **14.0** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	17
9.00	95%	5%	60	1	42
10.00	90%	10%	60	1	84
11.00	86%	14%	60	2	118
12.00	36%	64%	60	9	538
13.00	16%	84%	60	12	706
14.00	15%	85%	60	12	714
15.00	14%	86%	60	12	722
16.00	14%	86%	60	12	722
17.00	17%	83%	60	12	697
18.00	42%	58%	60	8	487
19.00	59%	41%	60	6	344

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.18  
 Achieved daily sun time \* area 5191

**224** Private amenity space (balcony) NW **11.1** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	98%	2%	60	0	13
11.00	95%	5%	60	1	33
12.00	90%	10%	60	1	67
13.00	86%	14%	60	2	93
14.00	36%	64%	60	7	426
15.00	16%	84%	60	9	559
16.00	15%	85%	60	9	566
17.00	14%	86%	60	10	573
18.00	14%	86%	60	10	573
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **5.00**  
 Achieved total sun time (hrs) 4.36  
 Achieved daily sun time \* area 2904

**231** Private amenity space (balcony) NE **11.2** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	90%	10%	60	1	67
9.00	16%	84%	60	9	564
10.00	15%	85%	60	10	571
11.00	14%	86%	60	10	578
12.00	14%	86%	60	10	578
13.00	17%	83%	60	9	558
14.00	42%	58%	60	6	390
15.00	59%	41%	60	5	276
16.00	88%	12%	60	1	81
17.00	90%	10%	60	1	67
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **6.00**  
 Achieved total sun time (hrs) 5.55  
 Achieved daily sun time \* area 3730

**232** Private amenity space (balcony) SE **9.7** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	90%	10%	60	1	58
9.00	86%	14%	60	1	81
10.00	36%	64%	60	6	372
11.00	16%	84%	60	8	489
12.00	15%	85%	60	8	495
13.00	14%	86%	60	8	501
14.00	14%	86%	60	8	501
15.00	17%	83%	60	8	483
16.00	42%	58%	60	6	338
17.00	59%	41%	60	4	239
18.00	88%	12%	60	1	70
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.23  
 Achieved daily sun time \* area 3626



SUNLIGHT/SHADOW CALCULATION DATA

**233** Private amenity space (balcony) SW **11.4** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	14
9.00	95%	5%	60	1	34
10.00	90%	10%	60	1	68
11.00	86%	14%	60	2	96
12.00	36%	64%	60	7	438
13.00	16%	84%	60	10	575
14.00	15%	85%	60	10	581
15.00	14%	86%	60	10	588
16.00	14%	86%	60	10	588
17.00	17%	83%	60	9	568
18.00	42%	58%	60	7	397
19.00	59%	41%	60	5	280

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.18  
 Achieved daily sun time \* area 4227

**234** Private amenity space (balcony) NW **13.3** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	98%	2%	60	0	16
11.00	95%	5%	60	1	40
12.00	90%	10%	60	1	80
13.00	86%	14%	60	2	112
14.00	36%	64%	60	9	511
15.00	16%	84%	60	11	670
16.00	15%	85%	60	11	678
17.00	14%	86%	60	11	686
18.00	14%	86%	60	11	686
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **5.00**  
 Achieved total sun time (hrs) 4.36  
 Achieved daily sun time \* area 3479

**241** Private amenity space (balcony) NE **11.2** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	2	94
8.00	36%	64%	60	7	430
9.00	16%	84%	60	9	564
10.00	15%	85%	60	10	571
11.00	14%	86%	60	10	578
12.00	14%	86%	60	10	578
13.00	17%	83%	60	9	558
14.00	42%	58%	60	6	390
15.00	59%	41%	60	5	276
16.00	88%	12%	60	1	81
17.00	90%	10%	60	1	67
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.23  
 Achieved daily sun time \* area 4187

**242** Private amenity space (balcony) SE **9.7** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	0	29
8.00	88%	12%	60	1	70
9.00	86%	14%	60	1	81
10.00	36%	64%	60	6	372
11.00	16%	84%	60	8	489
12.00	15%	85%	60	8	495
13.00	14%	86%	60	8	501
14.00	14%	86%	60	8	501
15.00	17%	83%	60	8	483
16.00	42%	58%	60	6	338
17.00	59%	41%	60	4	239
18.00	88%	12%	60	1	70
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.30  
 Achieved daily sun time \* area 3667



## SUNLIGHT/SHADOW CALCULATION DATA

## Castlelake SHD

**243** Private amenity space (balcony) SW **9.7** m<sup>2</sup>

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m <sup>2</sup>	min*m <sup>2</sup>
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	12
9.00	95%	5%	60	0	29
10.00	90%	10%	60	1	58
11.00	86%	14%	60	1	81
12.00	36%	64%	60	6	372
13.00	16%	84%	60	8	489
14.00	15%	85%	60	8	495
15.00	14%	86%	60	8	501
16.00	14%	86%	60	8	501
17.00	17%	83%	60	8	483
18.00	50%	50%	60	5	291
19.00	59%	41%	60	4	239

Required sun hours @ 50% area	2
Achieved sun hours on @ 50% area	<b>6.00</b>
Achieved total sun time (hrs)	6.10
Achieved daily sun time * area	3550

**244** Private amenity space (balcony) NW **13.3** m<sup>2</sup>

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m <sup>2</sup>	min*m <sup>2</sup>
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	98%	2%	60	0	16
11.00	95%	5%	60	1	40
12.00	90%	10%	60	1	80
13.00	86%	14%	60	2	112
14.00	36%	64%	60	9	511
15.00	16%	84%	60	11	670
16.00	15%	85%	60	11	678
17.00	65%	35%	60	5	279
18.00	90%	10%	60	1	80
19.00	100%	0%	60	0	0

Required sun hours @ 50% area	2
Achieved sun hours on @ 50% area	<b>3.00</b>
Achieved total sun time (hrs)	3.09
Achieved daily sun time * area	2466

**251** Private amenity space (balcony) NE **9.6** m<sup>2</sup>

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m <sup>2</sup>	min*m <sup>2</sup>
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	85%	15%	60	1	86
9.00	16%	84%	60	8	484
10.00	15%	85%	60	8	490
11.00	14%	86%	60	8	495
12.00	14%	86%	60	8	495
13.00	17%	83%	60	8	478
14.00	42%	58%	60	6	334
15.00	59%	41%	60	4	236
16.00	88%	12%	60	1	69
17.00	90%	10%	60	1	58
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area	2
Achieved sun hours on @ 50% area	<b>6.00</b>
Achieved total sun time (hrs)	5.60
Achieved daily sun time * area	3226

**252** Private amenity space (balcony) SE **11.2** m<sup>2</sup>

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m <sup>2</sup>	min*m <sup>2</sup>
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	34
8.00	88%	12%	60	1	81
9.00	86%	14%	60	2	94
10.00	36%	64%	60	7	430
11.00	16%	84%	60	9	564
12.00	15%	85%	60	10	571
13.00	14%	86%	60	10	578
14.00	14%	86%	60	10	578
15.00	17%	83%	60	9	558
16.00	42%	58%	60	6	390
17.00	59%	41%	60	5	276
18.00	88%	12%	60	1	81
19.00	100%	0%	60	0	0

Required sun hours @ 50% area	2
Achieved sun hours on @ 50% area	<b>7.00</b>
Achieved total sun time (hrs)	6.30
Achieved daily sun time * area	4234

SUNLIGHT/SHADOW CALCULATION DATA

**253** Private amenity space (balcony) SW **10.5** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	13
9.00	95%	5%	60	1	32
10.00	90%	10%	60	1	63
11.00	86%	14%	60	1	88
12.00	36%	64%	60	7	403
13.00	16%	84%	60	9	529
14.00	15%	85%	60	9	536
15.00	14%	86%	60	9	542
16.00	14%	86%	60	9	542
17.00	17%	83%	60	9	523
18.00	42%	58%	60	6	365
19.00	59%	41%	60	4	258

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.18  
 Achieved daily sun time \* area 3893

**254** Private amenity space (balcony) NW **9.7** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	98%	2%	60	0	12
11.00	95%	5%	60	0	29
12.00	90%	10%	60	1	58
13.00	86%	14%	60	1	81
14.00	36%	64%	60	6	372
15.00	16%	84%	60	8	489
16.00	15%	85%	60	8	495
17.00	14%	86%	60	8	501
18.00	14%	86%	60	8	501
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **5.00**  
 Achieved total sun time (hrs) 4.36  
 Achieved daily sun time \* area 2538

**261** Private amenity space (balcony) NE **9.7** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	1	81
8.00	36%	64%	60	6	372
9.00	16%	84%	60	8	489
10.00	15%	85%	60	8	495
11.00	14%	86%	60	8	501
12.00	14%	86%	60	8	501
13.00	17%	83%	60	8	483
14.00	42%	58%	60	6	338
15.00	59%	41%	60	4	239
16.00	88%	12%	60	1	70
17.00	90%	10%	60	1	58
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.23  
 Achieved daily sun time \* area 3626

**262** Private amenity space (balcony) SE **9.6** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	0	29
8.00	88%	12%	60	1	69
9.00	86%	14%	60	1	81
10.00	36%	64%	60	6	369
11.00	16%	84%	60	8	484
12.00	15%	85%	60	8	490
13.00	14%	86%	60	8	495
14.00	14%	86%	60	8	495
15.00	17%	83%	60	8	478
16.00	42%	58%	60	6	334
17.00	59%	41%	60	4	236
18.00	88%	12%	60	1	69
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.30  
 Achieved daily sun time \* area 3629



SUNLIGHT/SHADOW CALCULATION DATA

**263** Private amenity space (balcony) SW **11.2** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	13
9.00	95%	5%	60	1	34
10.00	90%	10%	60	1	67
11.00	86%	14%	60	2	94
12.00	36%	64%	60	7	430
13.00	16%	84%	60	9	564
14.00	15%	85%	60	10	571
15.00	14%	86%	60	10	578
16.00	14%	86%	60	10	578
17.00	51%	49%	60	5	329
18.00	71%	29%	60	3	195
19.00	59%	41%	60	5	276

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **5.00**  
 Achieved total sun time (hrs) 5.55  
 Achieved daily sun time \* area 3730

**264** Private amenity space (balcony) NW **11.5** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	98%	2%	60	0	14
11.00	95%	5%	60	1	35
12.00	90%	10%	60	1	69
13.00	86%	14%	60	2	97
14.00	36%	64%	60	7	442
15.00	16%	84%	60	10	580
16.00	48%	52%	60	6	359
17.00	71%	29%	60	3	200
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **3.00**  
 Achieved total sun time (hrs) 2.60  
 Achieved daily sun time \* area 1794

**271** Private amenity space (balcony) NE **17.2** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	2	144
8.00	36%	64%	60	11	660
9.00	16%	84%	60	14	867
10.00	15%	85%	60	15	877
11.00	14%	86%	60	15	888
12.00	14%	86%	60	15	888
13.00	17%	83%	60	14	857
14.00	42%	58%	60	10	599
15.00	59%	41%	60	7	423
16.00	88%	12%	60	2	124
17.00	90%	10%	60	2	103
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.23  
 Achieved daily sun time \* area 6429

**272** Private amenity space (balcony) E **8.3** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	0	25
8.00	86%	14%	60	1	70
9.00	36%	64%	60	5	319
10.00	16%	84%	60	7	418
11.00	15%	85%	60	7	423
12.00	14%	86%	60	7	428
13.00	14%	86%	60	7	428
14.00	17%	83%	60	7	413
15.00	42%	58%	60	5	289
16.00	59%	41%	60	3	204
17.00	88%	12%	60	1	60
18.00	90%	10%	60	1	50
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.28  
 Achieved daily sun time \* area 3127





SUNLIGHT/SHADOW CALCULATION DATA

**273** Private amenity space (balcony) SE **11.3** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	34
8.00	88%	12%	60	1	81
9.00	86%	14%	60	2	95
10.00	36%	64%	60	7	434
11.00	16%	84%	60	9	570
12.00	15%	85%	60	10	576
13.00	14%	86%	60	10	583
14.00	14%	86%	60	10	583
15.00	17%	83%	60	9	563
16.00	42%	58%	60	7	393
17.00	59%	41%	60	5	278
18.00	88%	12%	60	1	81
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.30  
 Achieved daily sun time \* area 4271

**274** Private amenity space (balcony) SW **14.0** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	0	17
9.00	95%	5%	60	1	42
10.00	90%	10%	60	1	84
11.00	86%	14%	60	2	118
12.00	36%	64%	60	9	538
13.00	16%	84%	60	12	706
14.00	15%	85%	60	12	714
15.00	14%	86%	60	12	722
16.00	14%	86%	60	12	722
17.00	17%	83%	60	12	697
18.00	42%	58%	60	8	487
19.00	59%	41%	60	6	344

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **7.00**  
 Achieved total sun time (hrs) 6.18  
 Achieved daily sun time \* area 5191

**275** Private amenity space (balcony) W **11.6** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	1	35
11.00	90%	10%	60	1	70
12.00	86%	14%	60	2	97
13.00	36%	64%	60	7	445
14.00	16%	84%	60	10	585
15.00	15%	85%	60	10	592
16.00	14%	86%	60	10	599
17.00	14%	86%	60	10	599
18.00	17%	83%	60	10	578
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **6.00**  
 Achieved total sun time (hrs) 5.17  
 Achieved daily sun time \* area 3598

**276** Private amenity space (balcony) NW **11.3** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	98%	2%	60	0	14
11.00	95%	5%	60	1	34
12.00	90%	10%	60	1	68
13.00	86%	14%	60	2	95
14.00	36%	64%	60	7	434
15.00	16%	84%	60	9	570
16.00	15%	85%	60	10	576
17.00	14%	86%	60	10	583
18.00	14%	86%	60	10	583
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2  
 Achieved sun hours on @ 50% area **5.00**  
 Achieved total sun time (hrs) 4.36  
 Achieved daily sun time \* area 2956

