

SHADOW STUDY - SUN ACCESS FACTOR

Central Outdoor Amenity Area

A_T = TOTAL AREA
 A_S = AREA IN SUNSHINE
 A_{SI (ave)} = AVERAGE AREA IN SUNSHINE VALUE (COVERED)
 A_{SN (ave)} = AVERAGE AREA IN SUNSHINE VALUE (NOT COVERED)

A_{TI} (including covered areas) = 719.61m²
 A_{TN} (not including covered areas) = 619.12m²

June 21, 2015	A _{TI}	A _{TN}	A _S	A _{SI (AVE)}	A _{SN (AVE)}
5:37 AM	719.61	619.12	N/A		
7:07 AM	719.61	619.12	114.03	15.8%	18.4%
7:20 AM	719.61	619.12	144.04	20.0%	23.3%
8:20AM	719.61	619.12	270.26	37.6%	43.7%
9:20AM	719.61	619.12	357.74	49.7%	57.8%
10:20AM	719.61	619.12	447.36	62.2%	72.3%
11:20 AM	719.61	619.12	521.63	72.5%	84.3%
12:20 PM	719.61	619.12	575.26	79.9%	92.9%
1:20 PM	719.61	619.12	614.79	85.4%	99.3%
2:20 PM	719.61	619.12	568.96	79.1%	91.9%
3:20 PM	719.61	619.12	514.8	71.5%	83.2%
4:20 PM	719.61	619.12	400.47	55.7%	64.7%
5:20 PM	719.61	619.12	267.51	37.2%	43.2%
6:20 PM	719.61	619.12	57.21	8.0%	9.2%
7:20 PM	719.61	619.12	1.14	0.2%	0.2%
7:33 PM	719.61	619.12	0.72	0.1%	0.1%
9:03 PM	719.61	619.12	N/A		
TOTAL				45.0%	52.3%

September 21, 2015	A _{TI}	A _{TN}	A _S	A _{SI (AVE)}	A _{SN (AVE)}
7:05 AM	719.61	619.12	N/A		
8:35 AM	719.61	619.12	111.21	15.5%	18.0%
9:12 AM	719.61	619.12	217.69	30.3%	35.2%
10:12 AM	719.61	619.12	325.06	45.2%	52.5%
11:12 AM	719.61	619.12	394.71	54.9%	63.8%
12:12 PM	719.61	619.12	479.63	66.7%	77.5%
1:12 PM	719.61	619.12	558.35	77.6%	90.2%
2:12 PM	719.61	619.12	590.16	82.0%	95.3%
3:12 PM	719.61	619.12	531.39	73.8%	85.8%
4:12 PM	719.61	619.12	439.28	61.0%	71.0%
5:12 PM	719.61	619.12	295.88	41.1%	47.8%
5:48 PM	719.61	619.12	102.11	14.2%	16.5%
7:18 PM	719.61	619.12	N/A		
TOTAL				51.1%	59.4%

December 21, 2015	A _{TI}	A _{TN}	A _S	A _{SI (AVE)}	A _{SN (AVE)}
7:49 AM	719.61	619.12	N/A		
9:19 AM	719.61	619.12	0	0.0%	0.0%
10:17 AM	719.61	619.12	53.22	7.4%	8.6%
11:17 AM	719.61	619.12	185.15	25.7%	29.9%
12:17 PM	719.61	619.12	285.3	39.6%	46.1%
1:17 PM	719.61	619.12	369.14	51.3%	59.6%
2:17 PM	719.61	619.12	436.92	60.7%	70.6%
3:15 PM	719.61	619.12	456.5	63.4%	73.7%
4:45 PM	719.61	619.12	N/A		
TOTAL				35.5%	41.2%