Daylight 19

1
credit

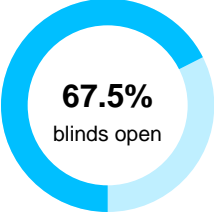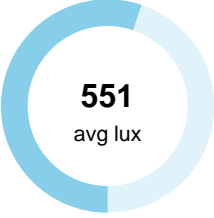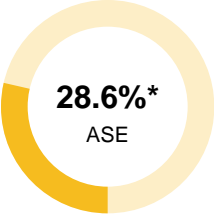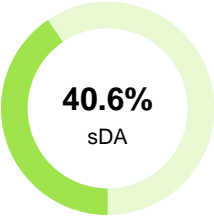**40.6%**
sDA

28.6%*
ASE

551
avg lux

67.5%
blinds open

* ASE > 10% in one or more spaces. The design addresses glare in these areas as follows:

There are no work spaces located in these areas.

Daylight Autonomy (300 lux)　0　　50%

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Space ID & Description	Area	Spacing		sDA		ASE	Blinds
			0 50%		0 250 hrs		
Conf	554 ft²	2.0 ft		21.62%		15.54%	Y
SE	1217 ft²	2.0 ft		49.19%		34.53%	Y
Totals	1771 ft²			40.56%		28.58%	

Appendix

Software:	ClimateStudio v1.0.7538.13175
Engine:	Radiance 5.0
Weather:	USA_MA_Boston-Logan.Intl.AP.725090_TMY3.epw
North Offset:	0°
Ambient Bounces:	6
Passes Completed:	100
Primary Ambient Samples:	6400

Layer Materials

Layer	Objects	Material	Rvis	Tvis
Daylight Model::CEILING	1	White Ceiling Panels	85.0%	0.0%
Daylight Model::COLUMN	4	Offwhite Plaster Wall	84.1%	0.0%
Daylight Model::FLOOR	1	Dark Grey Floor	17.1%	0.0%
Daylight Model::MULLION	31	Dark Grey Floor	17.1%	0.0%
Daylight Model::PARTITION	18	Offwhite Plaster Wall	84.1%	0.0%
Daylight Model::FURNITURE::BOOKSHELF	16	White Cupboard Side Surface	86.2%	0.0%
Daylight Model::FURNITURE::DESK	25	White Cupboard Top Surface	85.4%	0.0%
Daylight Model::FURNITURE::MONITOR::GLOSSY COVER	24	Single Plane Clear 6mm Tvis 88%	8.0%	88.3%
Daylight Model::FURNITURE::MONITOR::SCREEN BORDER BLACK	24	Dupont Midnight Black 120	0.3%	0.0%
Daylight Model::FURNITURE::MONITOR::SCREEN	24	Munsell N 3.5	9.0%	0.0%
Daylight Model::FURNITURE::MONITOR::METAL BODY	168	Grey Aluminium Façade Clading	21.7%	0.0%

Window Groups

ID	Space ID	Area	Material	Tvis	Shade Material	Operation	Blinds Open
0	Conf	97 ft²	Double IGU Clear Tvis 45%	45.2%	SheerWeave 2410 3% Open - Oyster	Default (LEEDv4 2% Rule)	65.26%
1	SE	194 ft²	Double IGU Clear Tvis 45%	45.2%	SheerWeave 2410 3% Open - Oyster	Default (LEEDv4 2% Rule)	81.40%
2	SE	339 ft²	Double IGU Clear Tvis 45%	45.2%	SheerWeave 2410 3% Open - Oyster	Default (LEEDv4 2% Rule)	60.27%

Occupancy

Space ID	Occupancy Schedule
Conf	8 am - 6 pm 60min with DST
SE	8 am - 6 pm 60min with DST

Glossary

sDA: Spatial Daylight Autonomy: Percent of space receiving at least 300 lux for at least 50% of occupied hours

ASE: Annual Sunlight Exposure: Percent of space receiving at least 1000 lux direct sun for at least 250 occupied hours

Avg Lux: Mean workplane illuminance during occupied hours

Blinds open: Percent of occupied hours blinds are open (or dynamic glass is in clearest state). Building total is window-area weighted.

Blinds: Does the space have blinds (or dynamic glazing)? (Y/N)