

Indoor Ambiance Monitoring Report

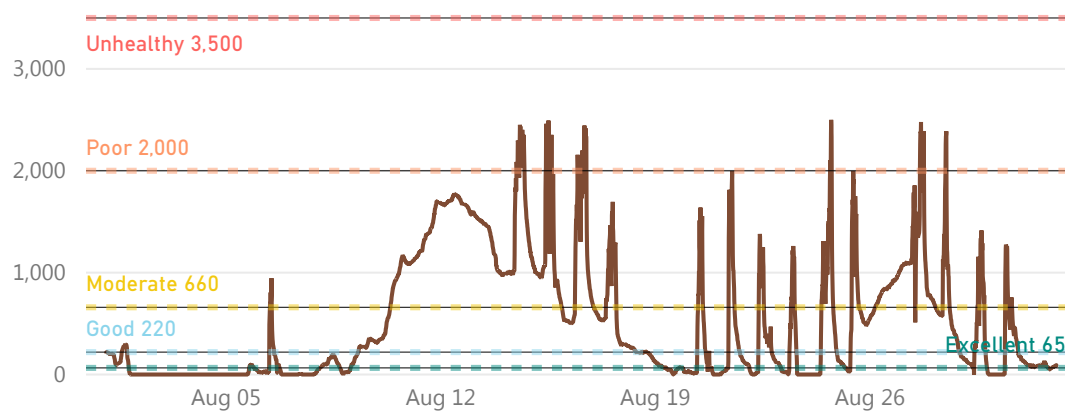
(August 2018)

Device: 3004
 Domain: demo.decentlab.com
 Period: August 2018
 Sensor: TVOC (Total Volatile Organic Compound)

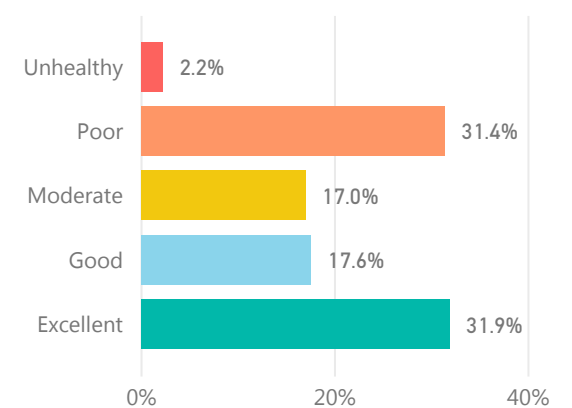
Guidelines for TVOC

Level	Hygienic Rating	Recommendation	Exposure Limit	TVOC [ppb]
Unhealthy	Situation not acceptable	Intense ventilation necessary	hours	2000 - 3500
Poor	Major objections	Intensified ventilation / airing necessary	< 1 month	660 - 2000
Moderate	Some objections	Intensified ventilation / airing recommended	< 12 months	220 - 660
Good	No relevant objections	Ventilation / airing recommended	no limit	65 - 220
Excellent	No objections	Target value	no limit	0 - 65

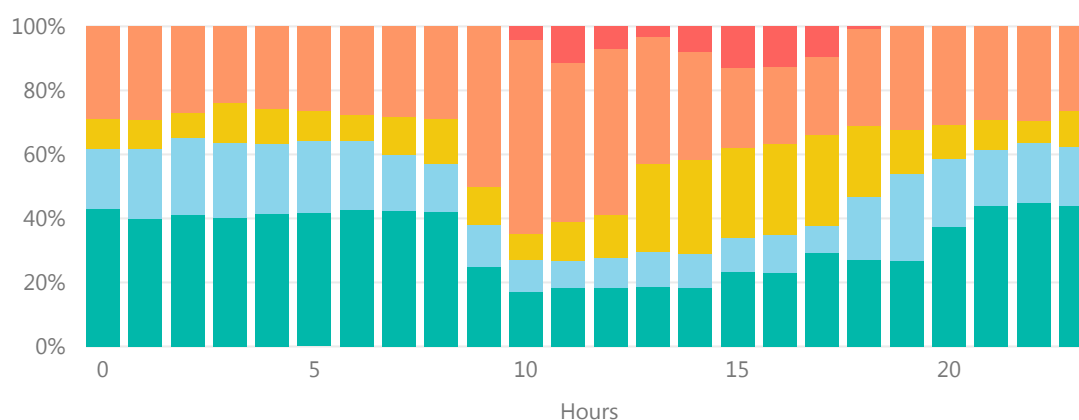
August TVOC [ppb]



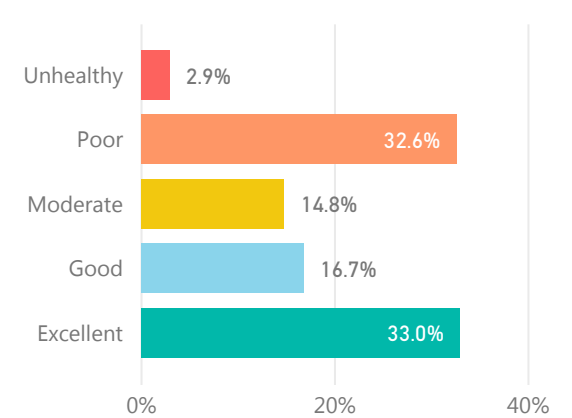
Whole Month



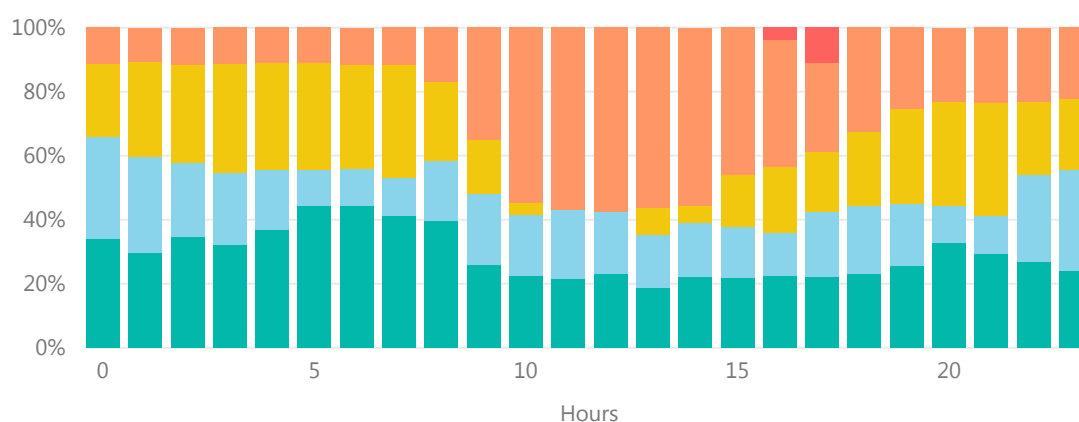
Hourly Distribution of TVOC during Workdays



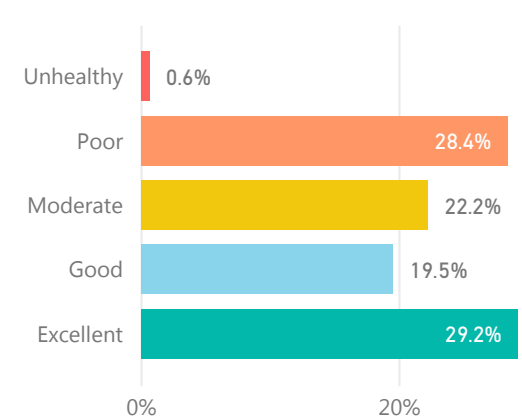
Workdays



Hourly Distribution of TVOC during Weekends



Weekends



Indoor Ambiance Monitoring Report

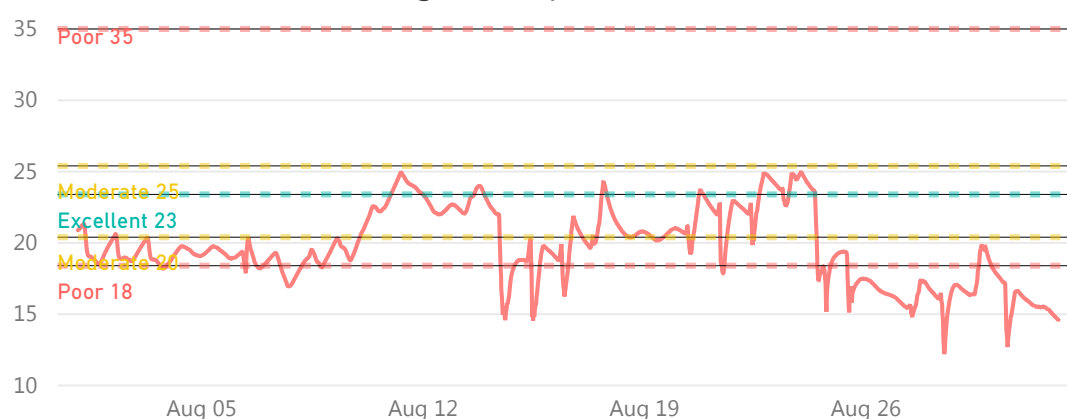
(August 2018)

Device: 3004
 Domain: demo.decentlab.com
 Period: August 2018
 Sensor: Temperature

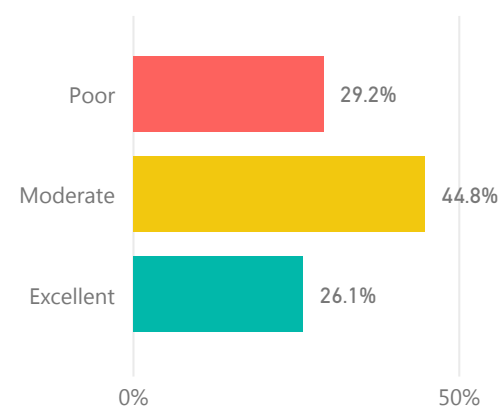
Guidelines for Temperature

Level	Recommendation	Exposure Limit	Temperature [°C]
Poor	Intense cooling necessary	Several hours	25.4 - 40
Moderate	Slight cooling recommended	Several days	23.4 - 25.4
Excellent	Target temperature	No limit	20.4 - 23.4
Moderate	Slight heating recommended	Several days	18.4 - 20.4
Poor	Intense heating required	Several hours	0 - 18.4

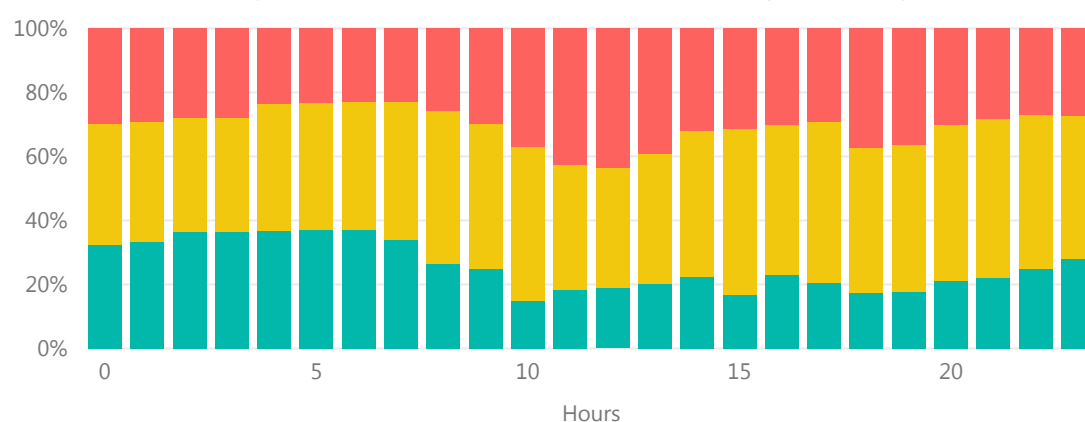
August Temperature [°C]



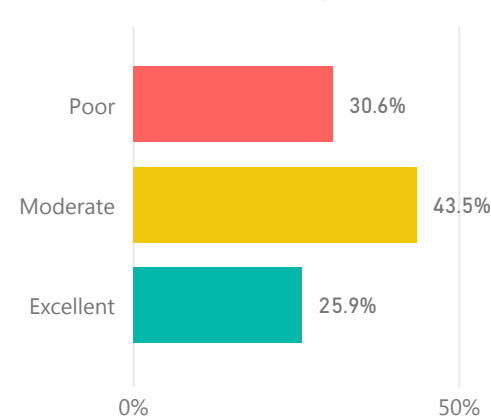
Whole Month



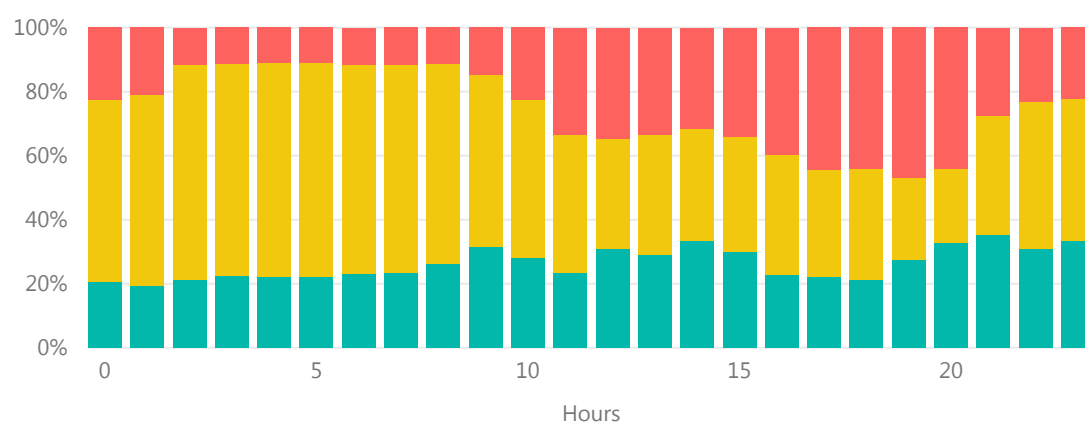
Hourly Distribution of Temperature during Workdays



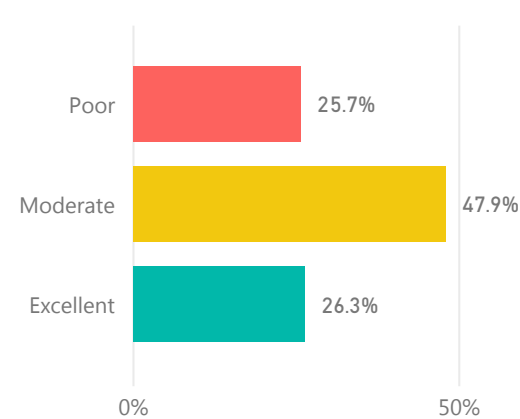
Workdays



Hourly Distribution of Temperature during Weekends



Weekends



Indoor Ambiance Monitoring Report

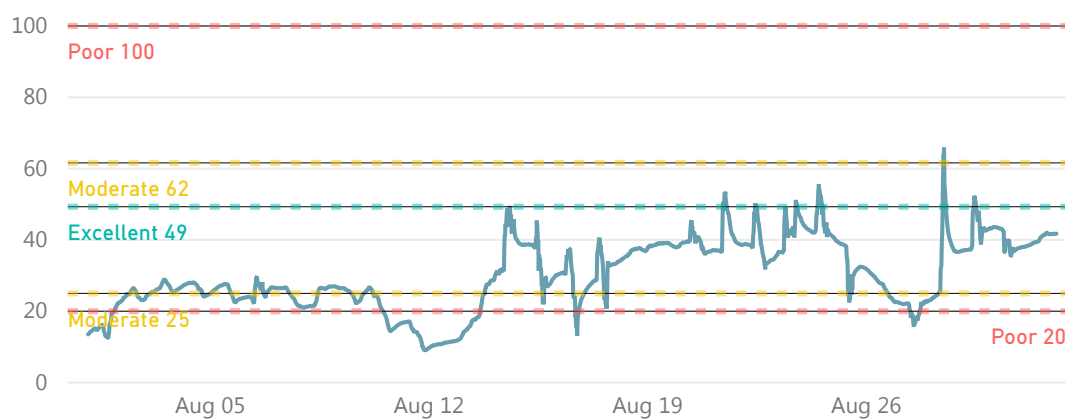
(August 2018)

Device: 3004
 Domain: demo.decentlab.com
 Period: August 2018
 Sensor: Humidity

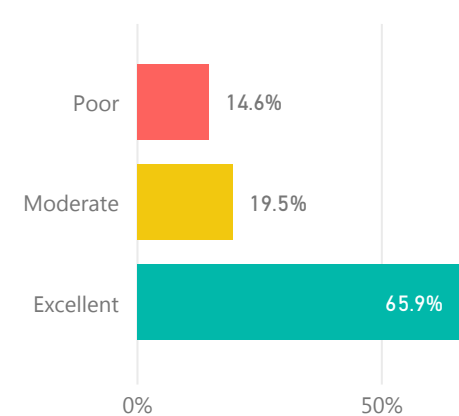
Guidelines for Humidity

Level	Recommendation	Exposure Limit	Relative Humidity [%]
Poor	Intense dehumidifying necessary	Several hours	61.6 - 100
Moderate	Slight dehumidifying recommended	Several days	49.3 - 61.6
Excellent	Target humidity	No limit	25 - 49.3
Moderate	Slight humidifying recommended	Several days	20 - 25
Poor	Intense humidifying required	Several hours	0 - 20

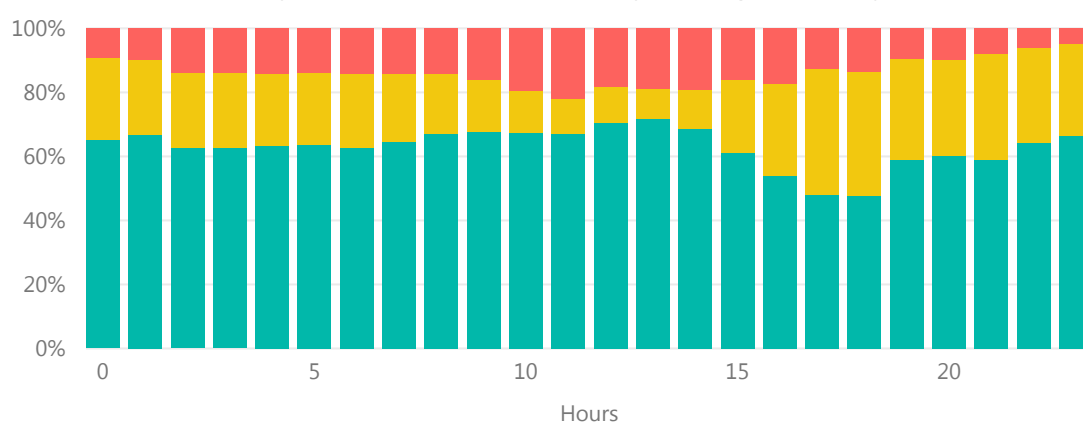
August Humidity [%]



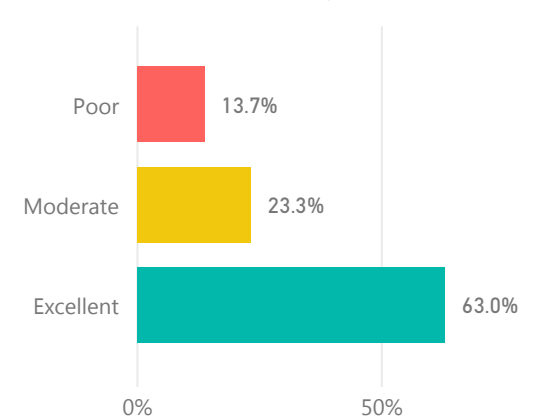
Whole Month



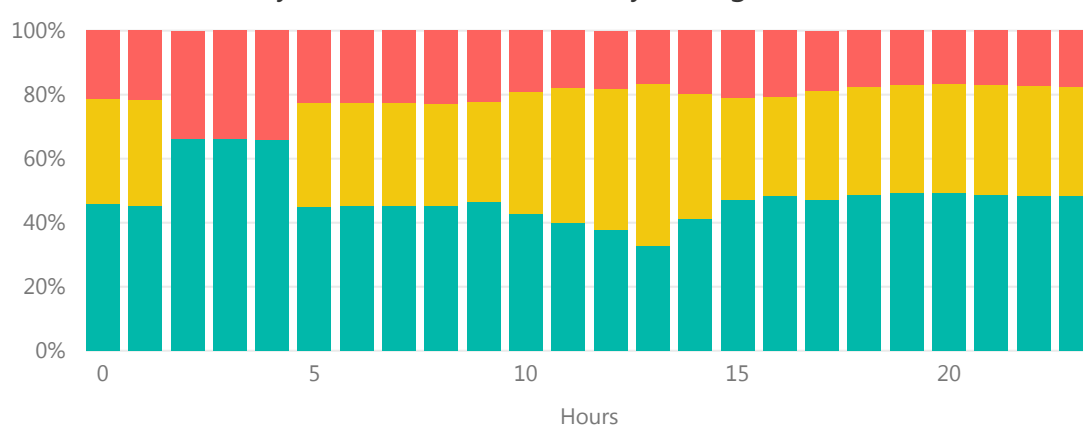
Hourly Distribution of Humidity during Workdays



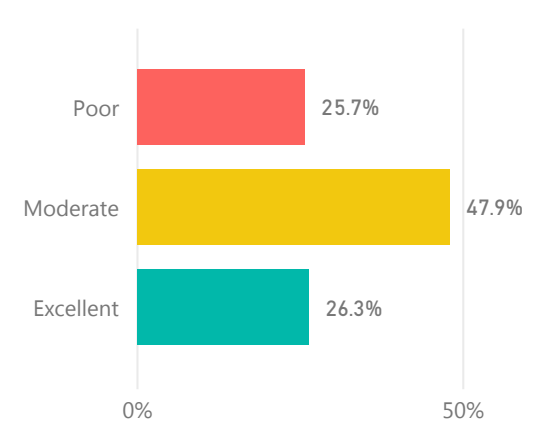
Workdays



Hourly Distribution of Humidity during Weekends



Weekends



Indoor Ambiance Monitoring Report

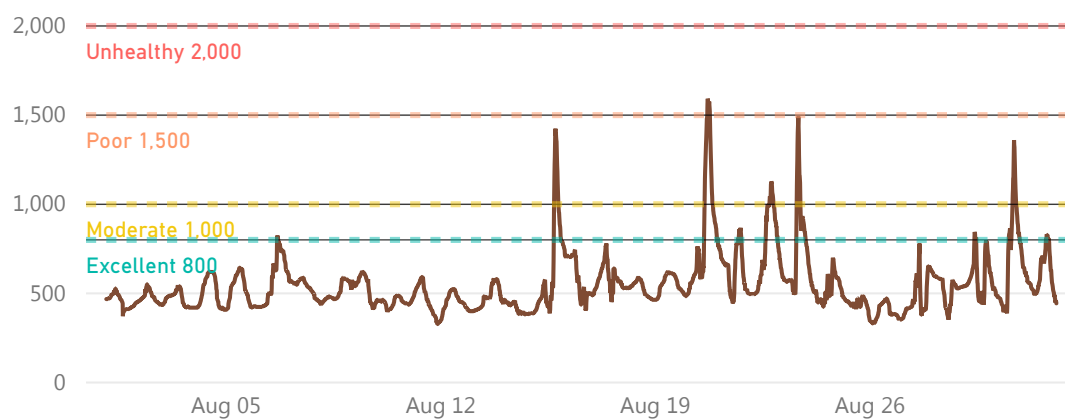
(August 2018)

Device: 3004
 Domain: demo.decentlab.com
 Period: August 2018
 Sensor: CO2 (Carbon Dioxide)

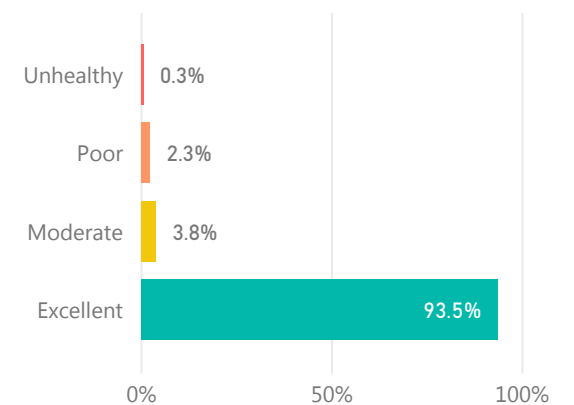
Guidelines for CO2

Level	Recommendation	Exposure Limit	CO2 [ppm]
Unhealthy	Intense ventilation required	< 1 hour	1500 - 2000
Poor	Intense ventilation recommended	< 3 hours	1000 - 1500
Moderate	Slight ventilation recommended	< 1 month	800 - 1000
Excellent	Target CO2 amount	No limit	0 - 800

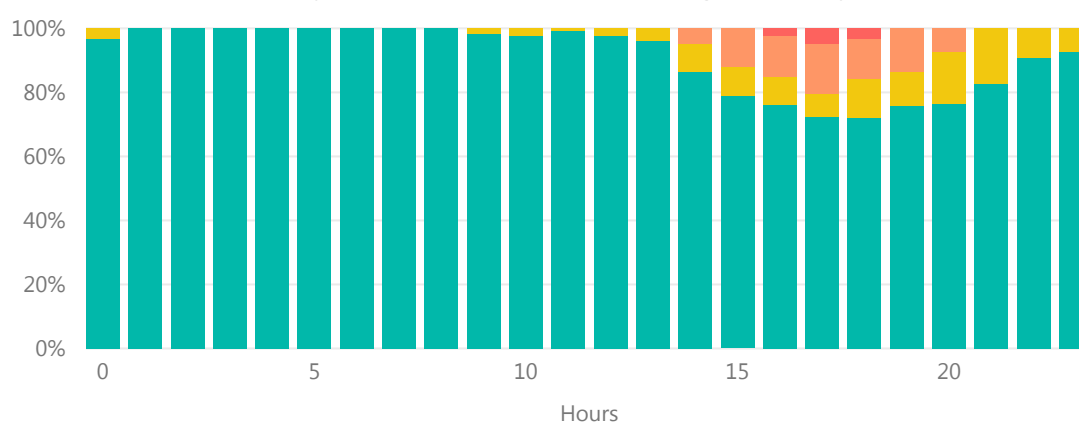
August CO2 [ppm]



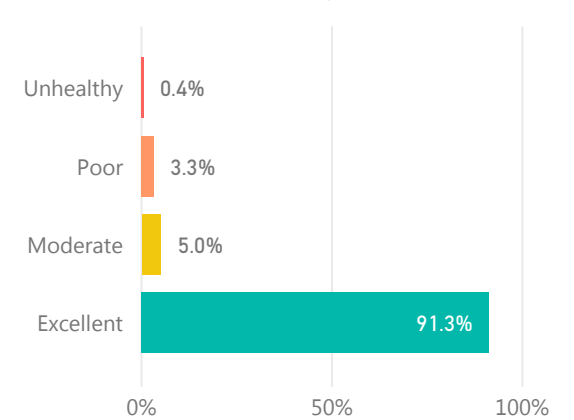
Whole Month



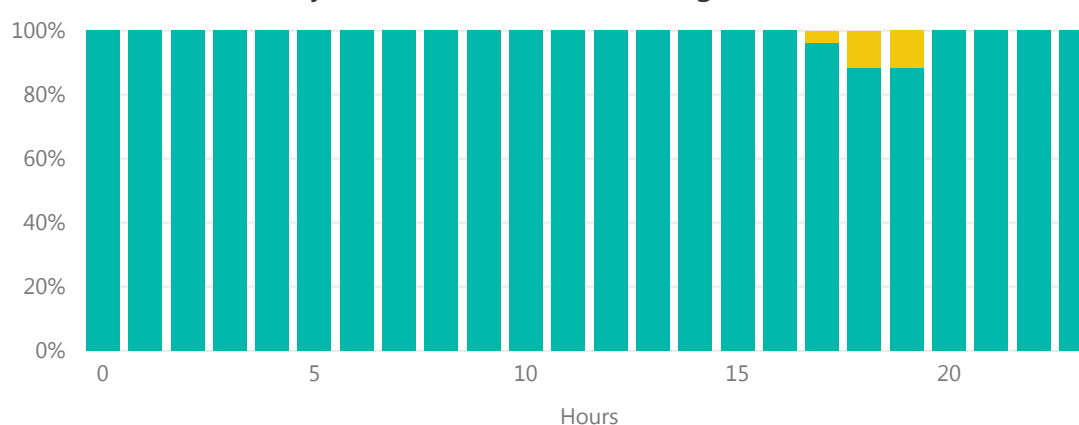
Hourly Distribution of CO2 during Workdays



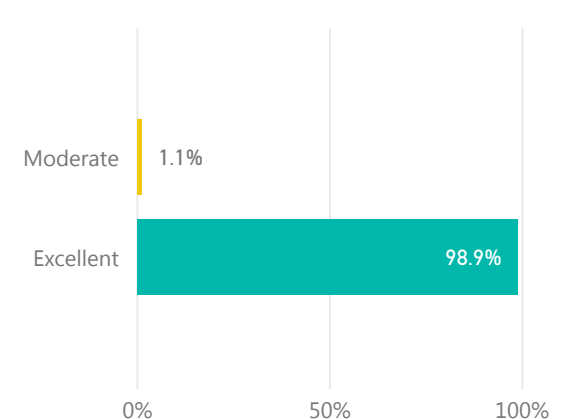
Workdays



Hourly Distribution of CO2 during Weekends



Weekends



Indoor Ambiance Monitoring Report

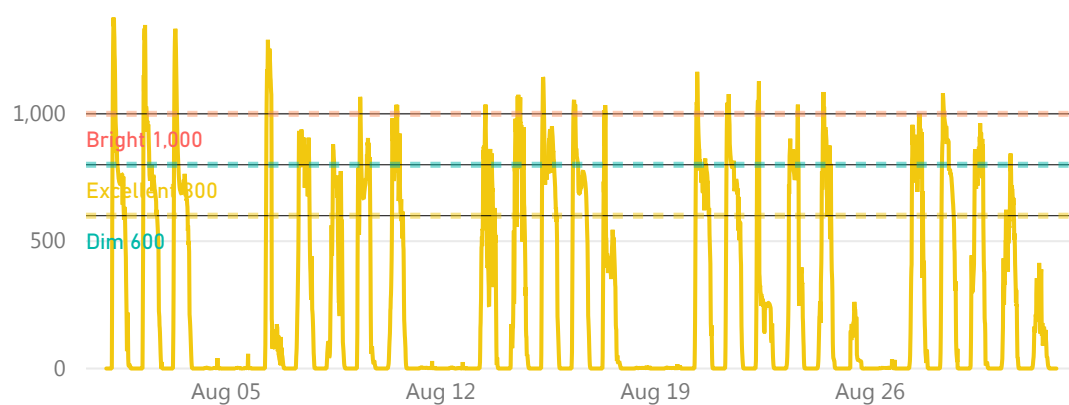
(August 2018)

Device: 3004
 Domain: demo.decentlab.com
 Period: August 2018
 Sensor: Light

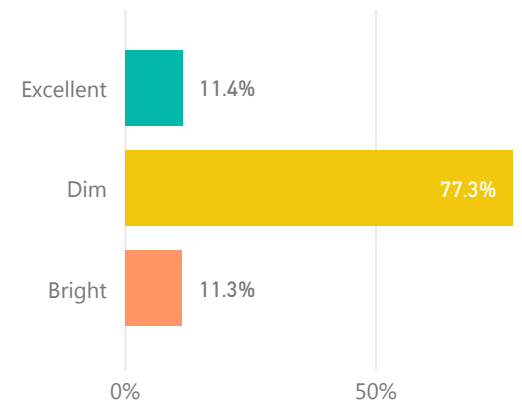
Guidelines for Supermarket Lightning

Level	Recommendation	Exposure limit	Light [lux]
Bright	Reduce light intensity	Several hours	800 - 1000
Excellent	Target light	No limit	600 - 800
Dim	Increase light intensity	Several hours	0 - 600

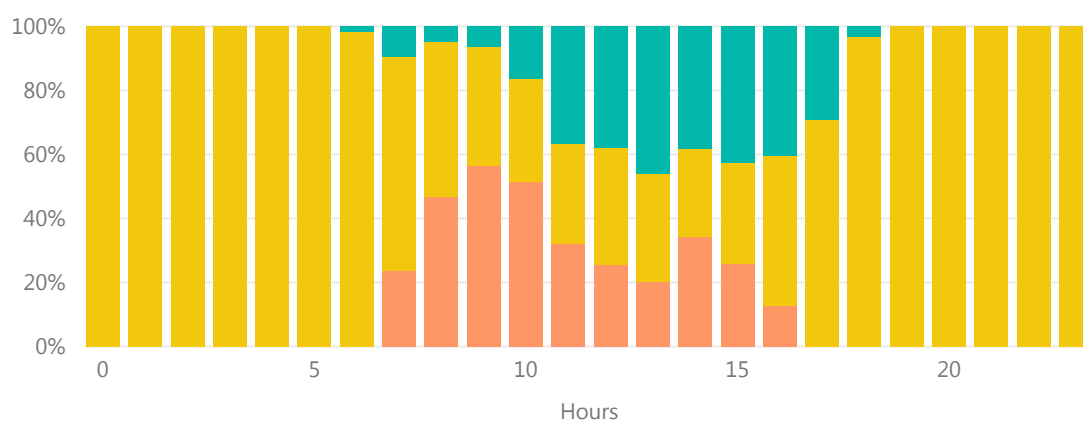
August Light [lux]



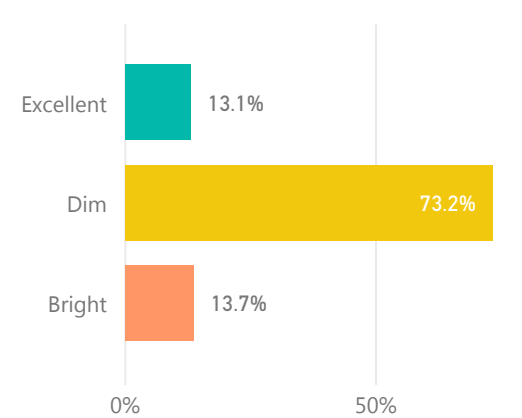
Whole Month



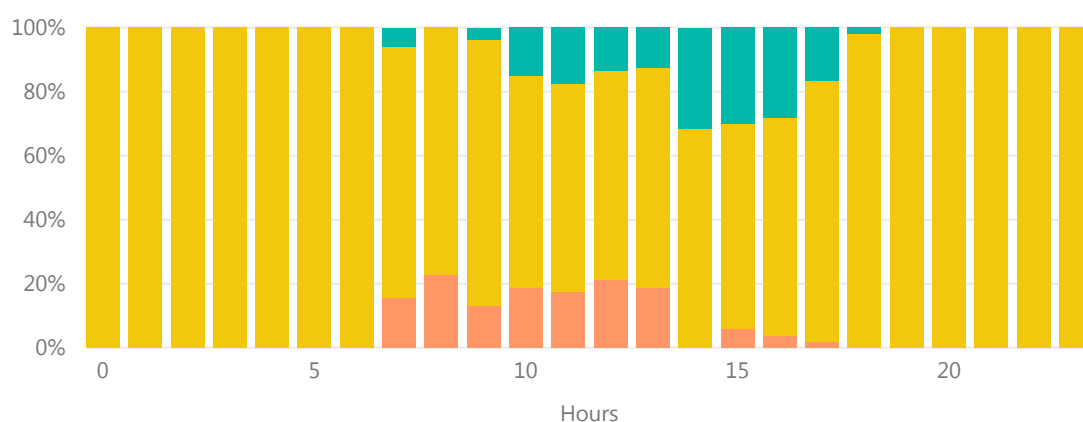
Hourly Distribution of Light during Workdays



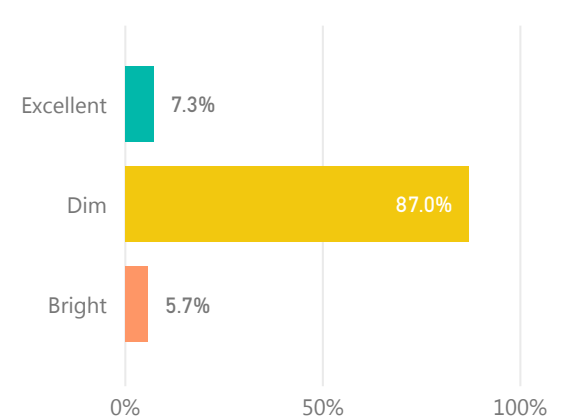
Workdays



Hourly Distribution of Light during Weekends



Weekends

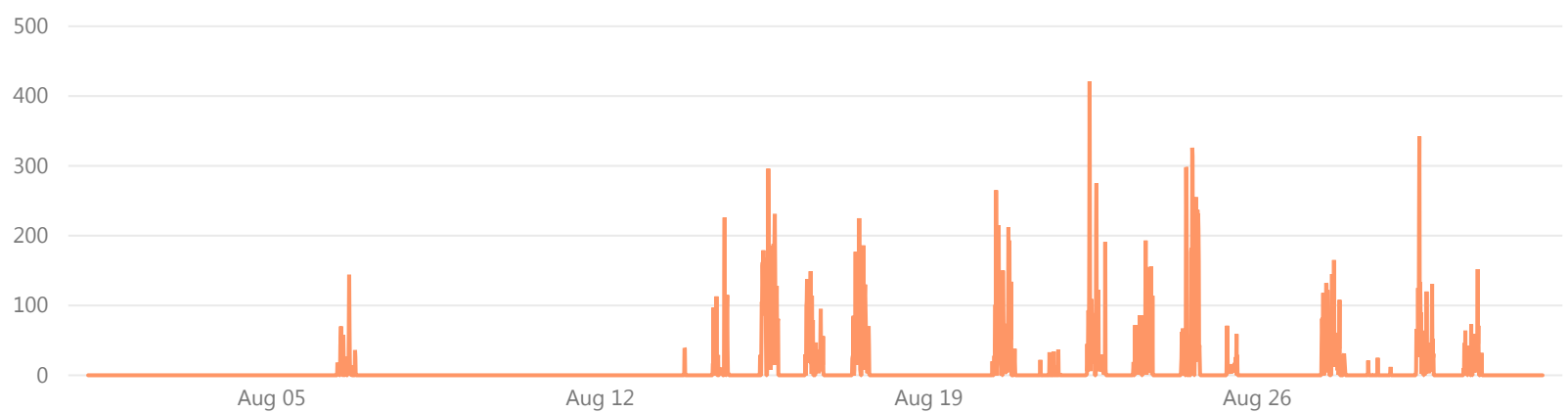


Indoor Ambiance Monitoring Report

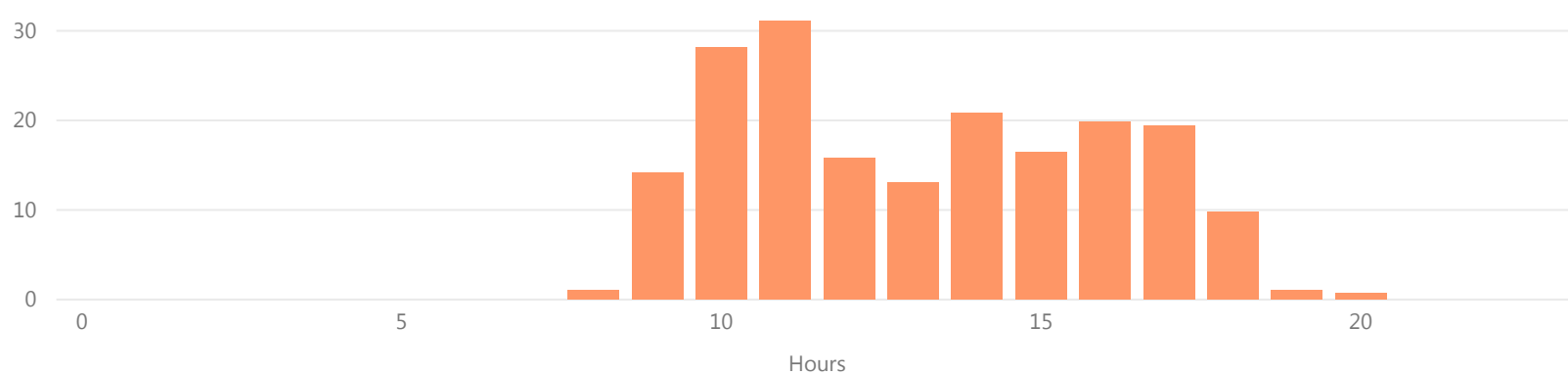
(August 2018)

Device	3004
Domain	demo.decentlab.com
Period	August 2018
Sensor	Activity (Passive Infrared Detector)

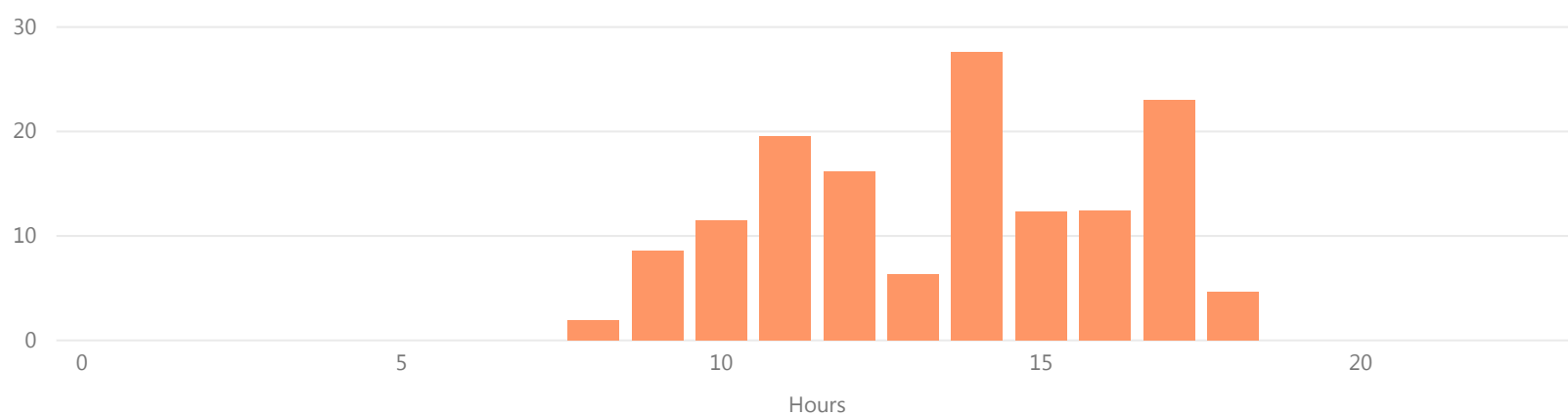
August Activity [# /min]



Hourly Average Activity during Workdays [# /min]



Hourly Average Activity during Weekends [# /min]

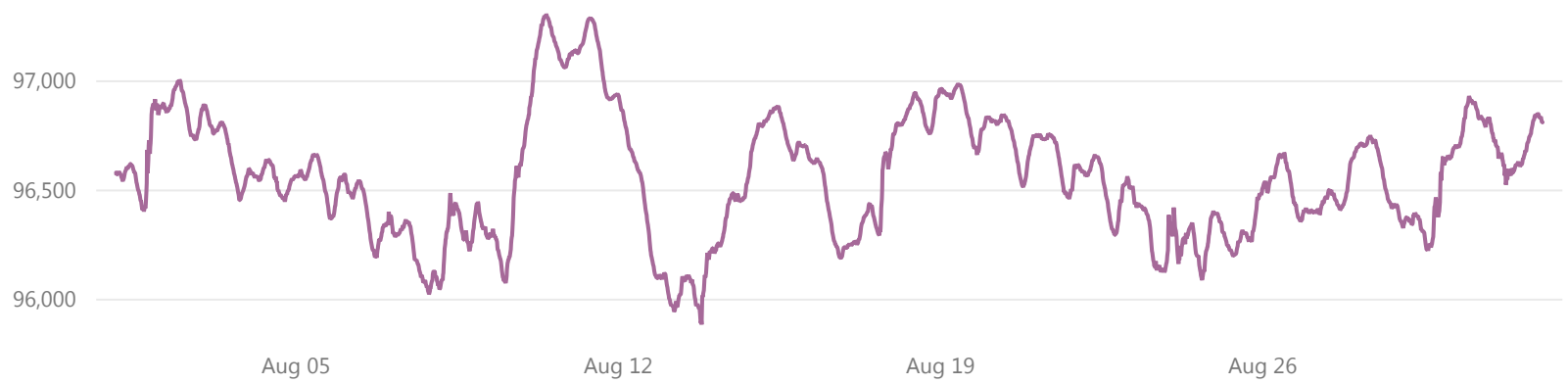


Indoor Ambiance Monitoring Report

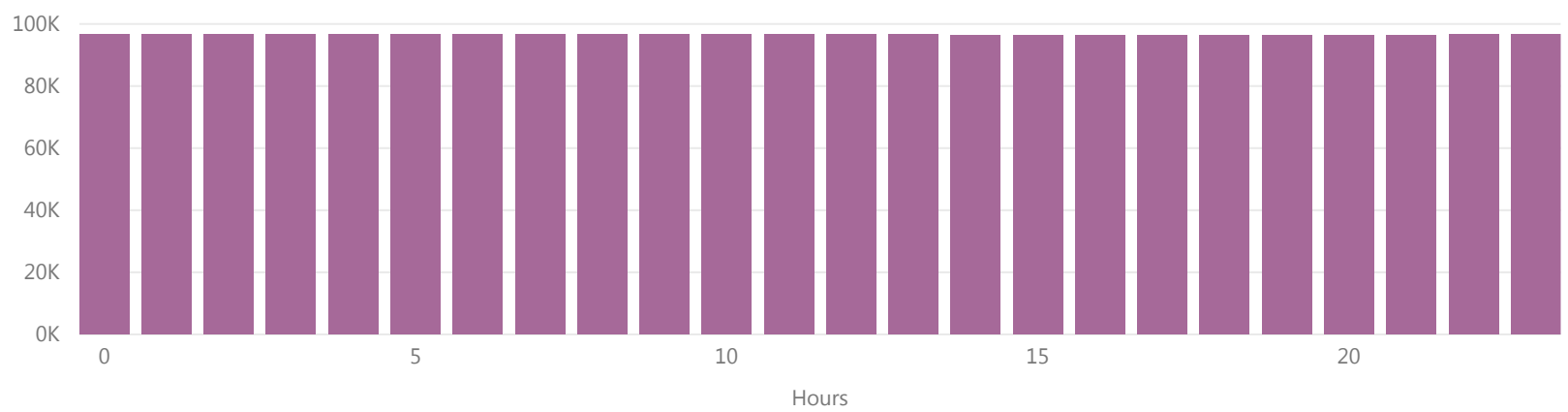
(August 2018)

Device	3004
Domain	demo.decentlab.com
Period	August 2018
Sensor	Atmospheric Pressure

August Atmospheric Pressure [Pa]



Hourly Average Atmospheric Pressure during Workdays [Pa]



Hourly Average Atmospheric Pressure during Weekends [Pa]

