建筑节能设计报告书

公共建筑

甲类

|  |  |
| --- | --- |
| 工程名称 | 青碳共生 |
| 工程地点 | 福建-宁德 |
| 设计编号 |  |
| 建设单位 |  |
| 设计单位 | 北京林业大学园林学院 |
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# 建筑概况

|  |  |
| --- | --- |
| 工程名称 |  |
| 工程地点 | 福建-宁德 |
| 气候分区 | 夏热冬冷B区 |
| 建筑面积 | 地上6613㎡ 地下0㎡ |
| 建筑层数 | 地上3 地下0 |
| 建筑高度 | 16.8m |
| 建筑（节能计算）体积 | 37214.14 |
| 建筑（节能计算）外表面积 | 6772.63 |
| 北向角度 | 90 |
| 结构类型 |  |
| 外墙太阳辐射吸收系数 | 0.70 |
| 屋顶太阳辐射吸收系数 | 0.70 |

# 设计依据

1. 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023

2. 《建筑节能与可再生能源利用通用规范》GB55015-2021

3. 《民用建筑热工设计规范》GB50176-2016

4. 《建筑幕墙、门窗通用技术条件》GB/T31433-2015

# 建筑大样



立面图例



1层平面



2层平面



3层平面

# 规定性指标检查

## 工程材料

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 | 导热系数 λ | 蓄热系数 S | 密度 ρ | 比热容 Cp | 蒸汽渗透 系数u | 数据来源 |
| W/(m.K) | W/(㎡.K) | kg/m3 | J/(kg.K) | g/(m.h.kPa) |
| 水泥砂浆 | 0.930 | 11.370 | 1800.0 | 1050.0 | 0.0210 | 《民用建筑热工设计规范》GB50176-2016 |
| 轻集料混凝土2%找坡层 | 0.450 | 7.500 | 1600.0 | 1074.3 | 0.0158 | 《民用建筑热工设计规范》GB50176-2016 |
| C20细石混凝土 | 1.740 | 17.200 | 2300.0 | 1016.5 | 0.0173 | 《民用建筑热工设计规范》GB50176-2016 |
| 石灰砂浆 | 0.810 | 10.070 | 1600.0 | 1050.0 | 0.0443 | 《民用建筑热工设计规范》GB50176-2016 |
| 钢筋混凝土 | 1.740 | 17.200 | 2500.0 | 920.0 | 0.0158 | 《民用建筑热工设计规范》GB50176-2016 |
| 挤塑聚苯乙烯泡沫塑料板 | 0.030 | 0.340 | 35.0 | 1380.0 | 0.0162 | 《民用建筑热工设计规范》GB50176-2016 |
| 岩棉板(ρ=60-160) | 0.041 | 0.615 | 110.0 | 1220.0 | 0.4880 | 《民用建筑热工设计规范》GB50176-2016 |
| 蒸压加气混凝土砌块(ρ=600) | 0.160 | 3.200 | 600.0 | 1466.8 | 0.1110 | 闽 2015-J-39 |

## 围护结构做法简要说明

**1. 屋顶：**屋顶构造一 (K=0.389,D=3.355)：（由上到下）

C20细石混凝土 40mm＋水泥砂浆 10mm＋挤塑聚苯乙烯泡沫塑料板 80mm＋水泥砂浆 20mm＋轻集料混凝土2%找坡层 30mm＋钢筋混凝土 120mm

**2. 外墙：**外墙（填充墙）构造一 (K=0.766,D=4.893)：（由外到内）

水泥砂浆 20mm＋蒸压加气混凝土砌块(ρ=600) 220mm＋石灰砂浆 20mm

**3. 挑空楼板：**挑空楼板构造一 (K=1.495,D=2.220)：（由上到下）

水泥砂浆 20mm＋钢筋混凝土 120mm＋水泥砂浆 20mm＋岩棉板(ρ=60-160) 20mm＋水泥砂浆 20mm

**4. 外窗：**铝合金窗--6高透光单银Low+12空气+6透明玻璃 (K=2.730)：

传热系数2.730W/㎡.K，窗太阳得热系数0.461

**5. 幕墙：**铝合金窗--6高透光单银Low+12空气+6透明玻璃 (K=2.730)：

传热系数2.730W/㎡.K，窗太阳得热系数0.461

## 体形系数

### 体形系数

|  |  |
| --- | --- |
| 外表面积 | 6772.63 |
| 建筑体积 | 37214.14 |
| 体形系数 | 0.18 |

### 楼层信息表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 楼层 | 层高(m) | 建筑面积(㎡) | 外表面积(㎡) | 计算体积(m3) |
| 1 | 5.400 | 2507.40 | 1041.12 | 13539.96 |
| 2 | 5.400 | 1597.90 | 1490.88 | 8628.68 |
| 3 | 6.000 | 2507.58 | 1488.31 | 15045.50 |
| 屋顶 | － | － | 2752.32 | － |
| 合计 | 16.80 | 6612.89 | 6772.63 | 37214.14 |

## 天窗

### 天窗屋顶比

本工程无此项围护结构

### 天窗类型

本工程无此项围护结构

## 屋顶

### 屋顶构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由上到下） | 厚度δ | 导热系数λ | 蓄热系数S | 修正 系数 | 热阻R | 热惰性 指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| C20细石混凝土 | 40 | 1.740 | 17.200 | 1.00 | 0.023 | 0.395 |
| 水泥砂浆 | 10 | 0.930 | 11.370 | 1.00 | 0.011 | 0.122 |
| 挤塑聚苯乙烯泡沫塑料板 | 80 | 0.030 | 0.340 | 1.20 | 2.222 | 0.907 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 轻集料混凝土2%找坡层 | 30 | 0.450 | 7.500 | 1.00 | 0.067 | 0.500 |
| 钢筋混凝土 | 120 | 1.740 | 17.200 | 1.00 | 0.069 | 1.186 |
| 各层之和∑ | 300 | － | － | － | 2.413 | 3.355 |
| 外表面太阳辐射吸收系数 | 0.70[默认] | | | | | |
| 传热系数K=1/(0.16+∑R) | 0.39 | | | | | |
| 标准依据 | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.2.1条 | | | | | |
| 标准要求 | K≤0.40 | | | | | |
| 结论 | 满足 | | | | | |

## 外墙

### 外墙（填充墙）构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由外到内） | 厚度δ | 导热系数λ | 蓄热系数S | 修正 系数 | 热阻R | 热惰性 指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 蒸压加气混凝土砌块(ρ=600) | 220 | 0.160 | 3.200 | 1.25 | 1.100 | 4.400 |
| 石灰砂浆 | 20 | 0.810 | 10.070 | 1.00 | 0.025 | 0.249 |
| 各层之和∑ | 260 | － | － | － | 1.146 | 4.893 |
| 外表面太阳辐射吸收系数 | 0.70[默认] | | | | | |
| 传热系数K=1/(0.16+∑R) | 0.77 | | | | | |
| 标准依据 | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.2.1条 | | | | | |
| 标准要求 | 应满足表4.2.1-1的规定(K≤0.80) | | | | | |
| 结论 | 满足 | | | | | |

## 挑空楼板

### 挑空楼板构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由上到下） | 厚度δ | 导热系数λ | 蓄热系数S | 修正 系数 | 热阻R | 热惰性 指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 钢筋混凝土 | 120 | 1.740 | 17.200 | 1.00 | 0.069 | 1.186 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 岩棉板(ρ=60-160) | 20 | 0.041 | 0.615 | 1.30 | 0.375 | 0.300 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 各层之和∑ | 200 | － | － | － | 0.509 | 2.220 |
| 传热系数K=1/(0.16+∑R) | 1.50 | | | | | |
| 标准依据 | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.2.1条 | | | | | |
| 标准要求 | K≤0.70 | | | | | |
| 结论 | 不满足 | | | | | |

## 外窗

### 外窗构造

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 构造名称 | 构造 编号 | 传热系数 | 窗太阳 得热系数 | 可见光透射比 |
| 1 | 铝合金窗--6高透光单银Low+12空气+6透明玻璃 | 65 | 2.73 | 0.46 | 0.710 |
| 窗编号 | | | |
| 幕墙 | | | |
| 备注：福建省民用建筑围护结构节能工程做法及数据 （闽 2015-J-39） 来源：闽 2015-J-39 | | | | |
| 2 | 铝合金窗--6高透光单银Low+12空气+6透明玻璃 | 18 | 2.73 | 0.46 | 0.710 |
| 窗编号 | | | |
| ，C1206，C1530，C1830，C0930，C3630，C21030，C2130 | | | |
| 备注：福建省民用建筑围护结构节能工程做法及数据 （闽 2015-J-39） 来源：闽 2015-J-39 | | | | |

### 遮阳措施

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 朝向 | 立面编号 | 遮阳措施 | 标准要求 | 是否满足 |
| 南向 | 立面1 | 百叶遮阳 | 应采取遮阳措施 | 满足 |
| 东向 | 立面3 | 百叶遮阳 | 应采取遮阳措施 | 满足 |
| 西向 | 立面4 | 百叶遮阳 | 应采取遮阳措施 | 满足 |
| 标准依据 | | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.1.4条 | | |
| 标准要求 | | 甲类建筑东、西、南向外窗和透光幕墙应采取遮阳措施 | | |
| 结论 | | 满足 | | |

注：达标朝向只列出一项，不达标朝向最多列出10项

### 外遮阳类型

#### 百叶遮阳



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号 | 编号 | 挑出 A (m) | 百叶间距 D (m) | 下垂 C (m) |
| 1 | 百叶遮阳0 | 0.200 | 0.400 | 0.200 |

### 平均传热系数

1. 南向：

立面1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积 （㎡） | 总面积 （㎡） | 构造 编号 | 传热系数 |
| 1 | (玻璃幕墙) | 2 | 1 | 43.20 | 43.20 | 65 | 2.730 |
| 2 |  | 2 | 3 | 10.80 | 32.40 | 18 | 2.730 |
| 3 | C3630 | 2 | 1 | 10.80 | 10.80 | 18 | 2.730 |
| 立面总面积(㎡) | | | 86.40 | 立面平均传热系数 | | | 2.730 |

2. 北向：

立面2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积 （㎡） | 总面积 （㎡） | 构造 编号 | 传热系数 |
| 1 | C1206 | 1 | 3 | 0.72 | 2.16 | 18 | 2.730 |
| 2 | C1530 | 2~3 | 2 | 4.50 | 9.00 | 18 | 2.730 |
| 3 | C1830 | 3 | 1 | 5.40 | 5.40 | 18 | 2.730 |
| 4 | C21030 | 3 | 1 | 63.00 | 63.00 | 18 | 2.730 |
| 5 | C2130 | 3 | 1 | 6.30 | 6.30 | 18 | 2.730 |
| 立面总面积(㎡) | | | 85.86 | 立面平均传热系数 | | | 2.730 |

3. 东向：

立面3

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积 （㎡） | 总面积 （㎡） | 构造 编号 | 传热系数 |
| 1 | (玻璃幕墙) | 2~3 | / | / | 170.18 | 65 | 2.730 |
| 2 |  | 2 | 4 | 10.80 | 43.20 | 18 | 2.730 |
| 3 | C1206 | 1 | 1 | 0.72 | 0.72 | 18 | 2.730 |
| 4 | C1530 | 2~3 | 2 | 4.50 | 9.00 | 18 | 2.730 |
| 5 | C1830 | 1 | 2 | 5.40 | 10.80 | 18 | 2.730 |
| 立面总面积(㎡) | | | 233.90 | 立面平均传热系数 | | | 2.730 |

4. 西向：

立面4

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积 （㎡） | 总面积 （㎡） | 构造 编号 | 传热系数 |
| 1 | C0930 | 1~3 | 3 | 2.70 | 8.10 | 18 | 2.730 |
| 2 | C1530 | 2~3 | 2 | 4.50 | 9.00 | 18 | 2.730 |
| 3 | C1830 | 1~3 | 3 | 5.40 | 16.20 | 18 | 2.730 |
| 立面总面积(㎡) | | | 33.30 | 立面平均传热系数 | | | 2.730 |

### 综合太阳得热系数

1. 南向：

立面1

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造 编号 | 窗太阳 得热系数 | 外遮阳 编号 | 外遮阳 系数 | 综合太阳 得热系数 |
| 1 | (玻璃幕墙) | 2 | 1 | 43.20 | 43.20 | 65 | 0.461 | 百叶遮阳0 | 0.544 | 0.251 |
| 2 |  | 2 | 3 | 10.80 | 32.40 | 18 | 0.461 | 百叶遮阳0 | 0.547 | 0.252 |
| 3 | C3630 | 2 | 1 | 10.80 | 10.80 | 18 | 0.461 | 百叶遮阳0 | 0.547 | 0.252 |
| 立面总面积(㎡) | | | | | 86.40 | 综合太阳得热系数 | | | | 0.251 |

2. 北向：

立面2

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造 编号 | 窗太阳 得热系数 | 外遮阳 编号 | 外遮阳 系数 | 综合太阳 得热系数 |
| 1 | C1206 | 1 | 3 | 0.72 | 2.16 | 18 | 0.461 | 百叶遮阳0 | 0.615 | 0.284 |
| 2 | C1530 | 2~3 | 2 | 4.50 | 9.00 | 18 | 0.461 | 百叶遮阳0 | 0.614 | 0.283 |
| 3 | C1830 | 3 | 1 | 5.40 | 5.40 | 18 | 0.461 | 百叶遮阳0 | 0.613 | 0.283 |
| 4 | C21030 | 3 | 1 | 63.00 | 63.00 | 18 | 0.461 | 百叶遮阳0 | 0.610 | 0.281 |
| 5 | C2130 | 3 | 1 | 6.30 | 6.30 | 18 | 0.461 | 百叶遮阳0 | 0.613 | 0.283 |
| 立面总面积(㎡) | | | | | 85.86 | 综合太阳得热系数 | | | | 0.282 |

3. 东向：

立面3

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造 编号 | 窗太阳 得热系数 | 外遮阳 编号 | 外遮阳 系数 | 综合太阳 得热系数 |
| 1 | (玻璃幕墙) | 2~3 | / | / | 170.18 | 65 | 0.461 | 百叶遮阳0 | 0.535~0.535 | 0.246~0.247 |
| 2 |  | 2 | 4 | 10.80 | 43.20 | 18 | 0.461 | 百叶遮阳0 | 0.536 | 0.247 |
| 3 | C1206 | 1 | 1 | 0.72 | 0.72 | 18 | 0.461 | 百叶遮阳0 | 0.538 | 0.248 |
| 4 | C1530 | 2~3 | 2 | 4.50 | 9.00 | 18 | 0.461 | 百叶遮阳0 | 0.538 | 0.248 |
| 5 | C1830 | 1 | 2 | 5.40 | 10.80 | 18 | 0.461 | 百叶遮阳0 | 0.537 | 0.248 |
| 立面总面积(㎡) | | | | | 233.90 | 综合太阳得热系数 | | | | 0.247 |

4. 西向：

立面4

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗 编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造 编号 | 窗太阳 得热系数 | 外遮阳 编号 | 外遮阳 系数 | 综合太阳 得热系数 |
| 1 | C0930 | 1~3 | 3 | 2.70 | 8.10 | 18 | 0.461 | 百叶遮阳0 | 0.538 | 0.248 |
| 2 | C1530 | 2~3 | 2 | 4.50 | 9.00 | 18 | 0.461 | 百叶遮阳0 | 0.536 | 0.247 |
| 3 | C1830 | 1~3 | 3 | 5.40 | 16.20 | 18 | 0.461 | 百叶遮阳0 | 0.535 | 0.247 |
| 立面总面积(㎡) | | | | | 33.30 | 综合太阳得热系数 | | | | 0.247 |

### 总体热工

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 面积 | 传热系数 | 综合太阳得热系数 | 窗墙比 | 标准要求 | 结论 |
| 南向 | 立面1 | 86.40 | 2.73 | 0.25 | 0.10 | K≤2.80, SHGC≤0.45 | 满足 |
| 北向 | 立面2 | 85.86 | 2.73 | 0.28 | 0.09 | K≤2.80, SHGC≤0.45 | 满足 |
| 东向 | 立面3 | 233.90 | 2.73 | 0.25 | 0.28 | K≤2.40, SHGC≤0.40 | 不满足 |
| 西向 | 立面4 | 33.30 | 2.73 | 0.25 | 0.04 | K≤2.80, SHGC≤0.45 | 满足 |
| 综合平均 |  | 439.46 | 2.73 | 0.25 | 0.13 |  |  |
| 标准依据 | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.2.1条 | | | | | | |
| 标准要求 | 应满足表4.2.1-1的规定 | | | | | | |
| 结论 | 不满足 | | | | | | |

注：本表所统计的外窗包含凸窗。

## 非中空窗面积比

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 非中空玻璃 面积(㎡) | 透光面积(㎡) | 非中空面积比 | 限值 | 结论 |
| 南向 | 立面1 | 0.00 | 86.40 | 0.00 | 0.15 | 满足 |
| 北向 | 立面2 | 0.00 | 85.86 | 0.00 | 0.15 | 满足 |
| 东向 | 立面3 | 0.00 | 233.90 | 0.00 | 0.15 | 满足 |
| 西向 | 立面4 | 0.00 | 33.30 | 0.00 | 0.15 | 满足 |
| 标准依据 | | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.2.8条 | | | | |
| 标准要求 | | 非中空玻璃面积≤同一立面透光面积的15% | | | | |
| 结论 | | 满足 | | | | |

## 可开启窗扇

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 楼层 | 房间编号 | 房间类型 | | 门窗类型 | 门窗编号 | 开启比例 | 可开启窗扇 |
| 1 | 1004(最不利房间) | 陈列室 | | 外窗 | C1206 | 0.30 | 有可开启窗扇 |
| 通风换气装置 | | | 无通风换气装置 | | | | | |
| 标准依据 | | | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.1.6条 | | | | | |
| 标准要求 | | | 主要功能房间外窗应设置可开启窗扇或通风换气装置 | | | | | |
| 结论 | | | 满足 | | | | | |

注：达标时只列出一项，不达标时列出全部不达标项

## 规定性指标检查结论

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 检查项 | 结论 | 可否性能权衡 |
| 1 | 天窗类型 | 无屋顶透光部分 |  |
| 2 | 屋顶 | 满足 |  |
| 3 | 外墙 | 满足 |  |
| 4 | 挑空楼板 | 不满足 | 可 |
| 5 | 外窗 | 不满足 | 可 |
| 6 | 非中空窗面积比 | 满足 |  |
| 7 | 可开启窗扇 | 满足 |  |
| 结论 | | 不满足 | 可 |

□结论：本工程围护结构热工设计指标存在**不满足**要求的项，但**满足**《福建省公共建筑节能设计标准》DBJ/T 13-305-2023围护结构热工性能权衡判断的要求，可进行综合权衡。

# 权衡判断基本要求

|  |  |  |  |
| --- | --- | --- | --- |
| 检查项 | 设计值 | 权衡判断基本要求 | 结论 |
| 屋顶 | K=0.39 | K<=0.4 | 满足 |
| 外墙 | K=0.77; D=4.89 | K<=0.8 | 满足 |
| 外窗－总体热工－南向－立面1 | K=2.73; SHGC=0.25 | K≤2.80, SHGC(不要求) | 满足 |
| 外窗－总体热工－北向－立面2 | K=2.73; SHGC=0.28 | K≤2.80, SHGC(不要求) | 满足 |
| 外窗－总体热工－东向－立面3 | K=2.73; SHGC=0.25 | K≤2.80, SHGC(不要求) | 满足 |
| 外窗－总体热工－西向－立面4 | K=2.73; SHGC=0.25 | K≤2.80, SHGC(不要求) | 满足 |

备注：首列中的数字为最不利房间编号

■结论：建筑相关参数**满足**权衡判断的基本要求，可进行围护结构的权衡判断。

# 权衡指标

## 计算条件

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | 设计建筑 | | | 参照建筑 | | |
| 天窗屋顶比 | | | － | | | － | | |
| 屋顶传热系数K  和热惰性指标 D | | | K=0.39  D=3.36 | | | K=0.40  D=3.33 | | |
| 外墙传热系数K  和热惰性指标 D | | | K=0.77  D=4.89 | | | K=0.80  D=4.68 | | |
| 挑空楼板传热系数K  和热惰性指标 D | | | K=1.50  D=2.22 | | | K=0.70  D=2.83 | | |
| 天窗传热系数K  和太阳得热系数 SHGC | | | K=－  SHGC=－ | | | K=－  SHGC=－ | | |
| 外窗（包括透明幕墙） | 朝向 | 立面 | 窗墙比 | 传热  系数 | 太阳得热系数 | 窗墙比 | 传热  系数 | 太阳得热系数 |
| 南向 | 立面1 | 0.10 | 2.73 | 0.25 | 0.10 | 2.80 | 0.45 |
| 北向 | 立面2 | 0.09 | 2.73 | 0.28 | 0.09 | 2.80 | 0.45 |
| 东向 | 立面3 | 0.28 | 2.73 | 0.25 | 0.28 | 2.40 | 0.40 |
| 西向 | 立面4 | 0.04 | 2.73 | 0.25 | 0.04 | 2.80 | 0.45 |
| 室内参数和气象条件设置 | | | 按《公共建筑节能设计标准》附录B设置 | | | | | |

备注：

1. 传热系数的单位W/(m2.k)，其他参数无量纲.

2. 屋顶和外墙的传热系数K和热情性指标D指平均值.

3. 设计建筑：“—”代表本工程无对应项.

## 房间类型

### 房间参数表

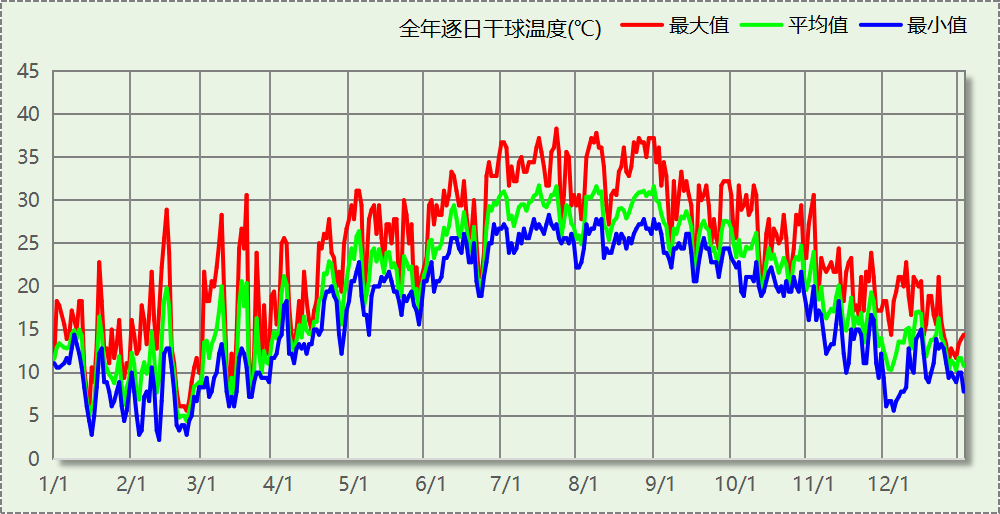
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 空调温度 ℃ | 供暖温度 ℃ | 新风量 | 人员密度 | 照明功率 密度 | 电器设备 功率 |
| 共享空间 | 26 | 18 | 30(m3/h.人) | 8(㎡/人) | 9(W/㎡) | 13(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 多媒体区 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 大厅 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 库房 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 开水间 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 楼梯间 | － | － | 0(m3/h.人) | 0(人) | 5(W/㎡) | 15(W/㎡) |
| 绘图室 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 视屏工作室 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 设备间 | － | － | 0(m3/h.人) | 0(人) | 3.5(W/㎡) | 15(W/㎡) |
| 设计室 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 走廊 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 酒吧、茶座 | 26 | 22 | 30(m3/h.人) | 25(㎡/人) | 6(W/㎡) | 15(W/㎡) |
| 阅览室 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 陈列室 | 26 | 20 | 30(m3/h.人) | 10(㎡/人) | 8(W/㎡) | 15(W/㎡) |
| 餐厅 | 26 | 20 | 30(m3/h.人) | 6(㎡/人) | 8(W/㎡) | 5(W/㎡) |

### 作息时间表

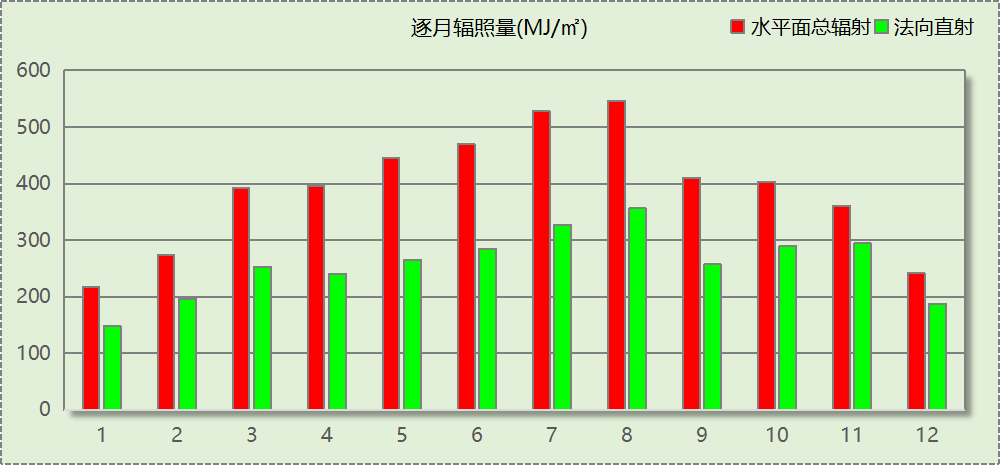
详见附录

## 气象数据

### 逐日干球温度表



### 逐月辐照量表



## 负荷分项统计

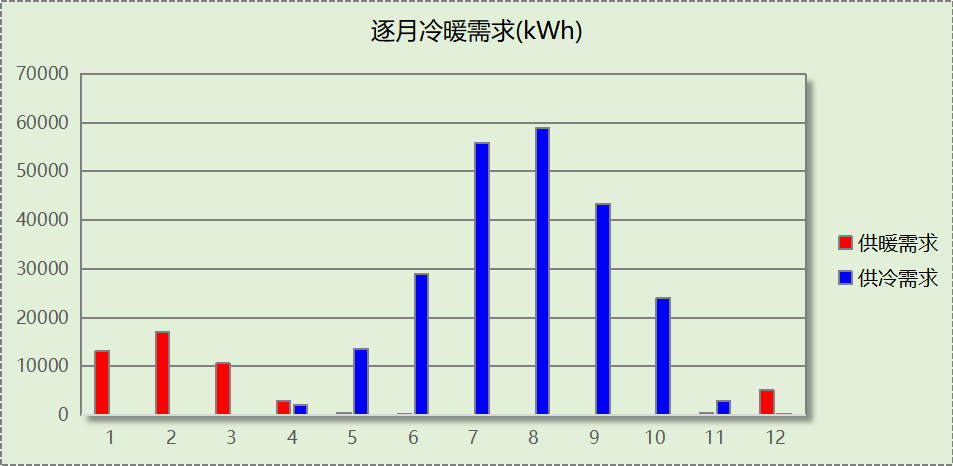
设计建筑：

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 分类 | 围护传热 | 室内得热 | 窗日射 | 不利 新风/渗透 | 有利 新风/渗透 | 热回收 | 合计 |
| 供暖(kWh/㎡) | -10.72 | 6.20 | 0.29 | -3.31 | 0.05 | 0.00 | -7.49 |
| 供冷(kWh/㎡) | 5.69 | 15.96 | 0.71 | 12.95 | -0.55 | 0.00 | 34.76 |

参照建筑：

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 分类 | 围护传热 | 室内得热 | 窗日射 | 不利 新风/渗透 | 有利 新风/渗透 | 热回收 | 合计 |
| 供暖(kWh/㎡) | -7.79 | 5.00 | 0.79 | -2.91 | 0.03 | 0.00 | -4.88 |
| 供冷(kWh/㎡) | 6.38 | 17.16 | 2.92 | 13.24 | -0.83 | 0.00 | 38.86 |

## 逐月负荷



## 逐月电耗

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 设计建筑 | | 参照建筑 | |
| 月 | 供冷(kWh/㎡) | 供暖(kWh/㎡) | 供冷(kWh/㎡) | 供暖(kWh/㎡) |
| 1 | 0.00 | 0.87 | 0.00 | 0.56 |
| 2 | 0.00 | 1.13 | 0.00 | 0.83 |
| 3 | 0.00 | 0.70 | 0.01 | 0.44 |
| 4 | 0.09 | 0.19 | 0.19 | 0.14 |
| 5 | 0.59 | 0.03 | 0.79 | 0.03 |
| 6 | 1.25 | 0.00 | 1.41 | 0.00 |
| 7 | 2.42 | 0.00 | 2.57 | 0.00 |
| 8 | 2.55 | 0.00 | 2.68 | 0.00 |
| 9 | 1.88 | 0.00 | 2.03 | 0.00 |
| 10 | 1.04 | 0.00 | 1.23 | 0.00 |
| 11 | 0.13 | 0.01 | 0.19 | 0.00 |
| 12 | 0.00 | 0.34 | 0.00 | 0.13 |
| 合计 | 9.93 | 3.27 | 11.10 | 2.13 |

## 权衡指标

|  |  |  |
| --- | --- | --- |
|  | 设计建筑 | 参照建筑 |
| 全年供暖和空调总耗电量(kWh/㎡) | 13.21 | 13.24 |
| 供冷耗电量(kWh/㎡) | 9.93 | 11.10 |
| 供热耗电量(kWh/㎡) | 3.27 | 2.13 |
| 耗冷量(kWh/㎡) | 34.76 | 38.86 |
| 耗热量(kWh/㎡) | 7.49 | 4.88 |
| 标准依据 | 《福建省公共建筑节能设计标准》DBJ/T 13-305-2023第4.3.2条 | |
| 标准要求 | 设计建筑能耗≤参照建筑能耗 | |
| 结论 | 满足 | |

■说明：本建筑围护结构热工性能权衡判断**满足**《福建省公共建筑节能设计标准》DBJ/T 13-305-2023的要求。建筑节能设计符合要求

## 附录

### 工作日/节假日室内空调温度时间表(℃)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 商场-共享空间 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 |
| 博物馆-卫生间 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 办公-多媒体区 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 博物馆-大厅 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 博物馆-库房 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 办公-开水间 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 博物馆-楼梯间 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 办公-绘图室 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 办公-视屏工作室 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 博物馆-设备间 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 办公-设计室 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 博物馆-走廊 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 宾馆-酒吧、茶座 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 办公-阅览室 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 博物馆-陈列室 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| 教育-餐厅 | 37 | 37 | 37 | 37 | 37 | 37 | 28 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 37 | 37 | 37 | 37 | 37 | 37 |
| 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |

注：上行：工作日；下行：节假日

### 工作日/节假日室内供暖温度时间表(℃)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 商场-共享空间 | 5 | 5 | 5 | 5 | 5 | 5 | 12 | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 12 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 12 | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 12 | 5 | 5 | 5 |
| 博物馆-卫生间 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 办公-多媒体区 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 博物馆-大厅 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 博物馆-库房 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 办公-开水间 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 博物馆-楼梯间 | 12 | 12 | 12 | 12 | 12 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 | 12 | 12 | 12 | 12 |
| 12 | 12 | 12 | 12 | 12 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 | 12 | 12 | 12 | 12 |
| 办公-绘图室 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 办公-视屏工作室 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 博物馆-设备间 | 12 | 12 | 12 | 12 | 12 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 | 12 | 12 | 12 | 12 |
| 12 | 12 | 12 | 12 | 12 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 12 | 12 | 12 | 12 | 12 | 12 |
| 办公-设计室 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 博物馆-走廊 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 宾馆-酒吧、茶座 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 办公-阅览室 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 博物馆-陈列室 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 教育-餐厅 | 5 | 5 | 5 | 5 | 5 | 12 | 18 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 12 | 5 | 5 | 5 | 5 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

注：上行：工作日；下行：节假日

### 工作日/节假日人员逐时在室率(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 商场-共享空间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 博物馆-卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-多媒体区 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-库房 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-开水间 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-楼梯间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 办公-绘图室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-视屏工作室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-设备间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 办公-设计室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 宾馆-酒吧、茶座 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 70 | 70 | 70 | 70 | 70 | 70 |
| 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 70 | 70 | 70 | 70 | 70 | 70 |
| 办公-阅览室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-陈列室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 教育-餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

### 工作日/节假日照明开关时间表(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 商场-共享空间 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 博物馆-卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-多媒体区 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-库房 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-开水间 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-楼梯间 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 办公-绘图室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-视屏工作室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-设备间 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 办公-设计室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 宾馆-酒吧、茶座 | 10 | 10 | 10 | 10 | 10 | 10 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 50 | 50 | 60 | 90 | 90 | 90 | 90 | 80 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 50 | 50 | 60 | 90 | 90 | 90 | 90 | 80 | 10 | 10 |
| 办公-阅览室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-陈列室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 教育-餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 80 | 80 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

### 工作日/节假日设备逐时使用率(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 商场-共享空间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 博物馆-卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-多媒体区 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-库房 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-开水间 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-楼梯间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 办公-绘图室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 办公-视屏工作室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-设备间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 办公-设计室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 宾馆-酒吧、茶座 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 80 | 80 | 80 | 80 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 80 | 80 | 80 | 80 | 0 | 0 |
| 办公-阅览室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 博物馆-陈列室 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 教育-餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 | 95 | 95 | 95 | 50 | 50 | 95 | 95 | 95 | 95 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

### 工作日/节假日空调系统运行时间表(1:开,0:关)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 系统编号 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 自动 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

### 工作日/节假日新风运行时间表(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 系统编号 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 自动 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日