#### 5.2.8 充分利用天然光。（12分）

**1 得分自评**

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 评价内容 | 评价分值 | 自评得分 |
| 1 | 住宅建筑：主要功能空间至少60%面积比例区域采光照度值不低于300lx的小时数平均不少于8h/d | 9 |   |
| 2 | 公共建筑 | 内区采光系数满足采光要求的面积比例达到60% | 3 |   |
| 地下空间平均采光系数≥0.5%的面积与首层地下室面积的比例达到10%以上 | 3 |
| 主要功能空间至少60%面积比例区域采光照度值不低于采光要求的小时数平均不少于4h/d | 3 |
| 3 | 主要功能房间有眩光控制措施 | 3 |   |
| 合计 | 12 |   |

**2 评价要点**

概述改善室内防眩光采用的措施。

|  |
| --- |
| 本项目主要功能房间采用下列措施控制不舒适眩光：1、作业区域避免直射阳光。2、室内人员的视觉背景不为窗口。3、采用室内遮挡措施。4、窗结构的内表面或窗周围的内墙面采用浅色饰面。 |

采光达标统计

| 内区 | 分析区域 | 主要功能空间面积（m2） | 内区面积（m2） | 采光达标面积（m2） | 达标比例（%） |
| --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |
| 合计 |   |   |   |   |
| 住宅主要功能空间 | 分析区域 | 采光照度值不低于300lx的小时数平均不少于8h/d面积（m2） | 主要功能空间面积（m2） | 达标比例 |
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |
| 合计 |   |   |   |
| 公建主要功能空间 | 分析区域 | 采光照度值不低于采光要求的小时数平均不少于8h/d面积（m2） | 主要功能空间面积（m2） | 达标比例 |
|   |   |   |   |
|   |   |   |   |

**3 证明材料**

提交材料及要求：

1）建筑竣工图及说明文件，应体现室内防眩光设计措施；

2）动态采光计算书、采光系数及面积比例计算书；

3）公共建筑内区及地下空间采光系数计算书或检测报告。

实际提交材料：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 楼层 | 房间编号 | 房间类型 | 采光等级 | 采光类型 | 设计照度要求(Lx) | 房间面积(m2) | 达标面积比例(%) | 结论 |
| 1 | 1006 | 餐厅 | IV | 侧面 | 300 | 187.84 | 100 | 满足 |
| 1007 | 展厅（单层及顶层） | III | 侧面 | 450 | 210.80 | 100 | 满足 |
| 1008 | 阅览室 | III | 侧面 | 450 | 188.40 | 100 | 满足 |
| 1009 | 报告厅 | III | 侧面 | 450 | 210.21 | 100 | 满足 |
| 1011 | 普通教室 | III | 侧面 | 450 | 142.75 | 100 | 满足 |
| 1012 | 办公室 | III | 侧面 | 450 | 18.00 | 100 | 满足 |
| 1014 | 办公室 | III | 侧面 | 450 | 18.00 | 100 | 满足 |
| 1016 | 健身房 | IV | 侧面 | 300 | 142.58 | 100 | 满足 |
| 1018 | 健身房 | IV | 侧面 | 300 | 26.47 | 100 | 满足 |
| 1019 | 健身房 | IV | 侧面 | 300 | 26.96 | 100 | 满足 |
| 1020 | 健身房 | IV | 侧面 | 300 | 26.92 | 100 | 满足 |
| 1023 | 健身房 | IV | 侧面 | 300 | 26.47 | 100 | 满足 |
| 1024 | 健身房 | IV | 侧面 | 300 | 26.96 | 100 | 满足 |
| 1025 | 健身房 | IV | 侧面 | 300 | 26.92 | 100 | 满足 |
| 2 | 2003 | 办公室 | III | 侧面 | 450 | 29.16 | 100 | 满足 |
| 2005 | 办公室 | III | 侧面 | 450 | 22.54 | 100 | 满足 |
| 2006 | 办公室 | III | 侧面 | 450 | 22.68 | 100 | 满足 |
| 2007 | 办公室 | III | 侧面 | 450 | 17.76 | 100 | 满足 |
| 2009 | 普通教室 | III | 侧面 | 450 | 25.60 | 100 | 满足 |
| 2010 | 普通教室 | III | 侧面 | 450 | 26.47 | 100 | 满足 |
| 2011 | 普通教室 | III | 侧面 | 450 | 26.96 | 100 | 满足 |
| 2012 | 普通教室 | III | 侧面 | 450 | 26.92 | 100 | 满足 |
| 2015 | 普通教室 | III | 侧面 | 450 | 31.04 | 100 | 满足 |
| 2016 | 普通教室 | III | 侧面 | 450 | 32.09 | 100 | 满足 |
| 2017 | 普通教室 | III | 侧面 | 450 | 32.66 | 100 | 满足 |
| 2018 | 普通教室 | III | 侧面 | 450 | 32.66 | 100 | 满足 |
| 房间类型 | 采光类型 | 设计照度(Lx) | 总面积(m2) | 达标面积比例(%) | 结论 |
| 餐厅 | 侧面 | 300 | 187.84 | 100 | 满足 |
| 展厅（单层及顶层） | 侧面 | 450 | 210.80 | 100 | 满足 |
| 阅览室 | 侧面 | 450 | 188.40 | 100 | 满足 |
| 报告厅 | 侧面 | 450 | 210.21 | 100 | 满足 |
| 普通教室 | 侧面 | 450 | 377.15 | 100 | 满足 |
| 办公室 | 侧面 | 450 | 128.14 | 100 | 满足 |
| 健身房 | 侧面 | 300 | 303.28 | 100 | 满足 |
| 多区域面积加权平均 | 100 | **3分** |

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总结：全部达标