# APPENDIX 2 – TABLE A

**TECHNICAL GUIDELINES FOR THE EXTERNAL NIGHT LIGHTING OF DEVELOPMENTS IN THE CENTRAL BUSINESS DISTRICT (CBD), MARINA CENTRE AND MARINA BAY**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Building Part** | **Type / Building Height** | **Color Temperature**  **(Kelvin)** | **Color Rendering**  **Ra** | **Illuminance (Lux)** | **Signage** | **Moving Lights** | **Operating Hours** | **Proposal\*** |
| **Building Crown** | **1.**  **Commercial/Office** |  |  | No control on lux level. However, lighting shall be executed sensitively to avoid glare, light trespass and light pollution. | No advertisement signages are allowed. Current signage guidelines are applicable. | Discouraged. Moderate, slow-moving kinetic lighting may be considered, based on the merits of the proposal & site adjustment | Encouraged to turn on lighting from Friday  - Sunday, 7pm-11pm, and during national events and celebrations  . |  |
| * Bldg Ht >151m * Bldg Ht =36m-150m * Bldg Ht < 35m | 4500 - 6000K  3500 - 4500K  2500 - 3500K | > 70  > 70  > 70 |  |
|  | **2. Residential/Hotel** |  |  |  |
|  | * Bldg Ht >151m * Bldg Ht <150m | 3500 - 4500K  2500 - 3500K | > 70  > 70 |  |
|  | **3. Mixed-use** |  |  |  |
|  | * Bldg Ht >151m * Bldg Ht =36m-150m * Bldg Ht < 35m | 4500 - 6000K  3500 - 4500K  2500 - 3500K | > 70  > 70  > 70 |  |
| **Skygardens** | Roof Garden |  |  |  |
| - Tree Uplighting | 4200K | > 70 |  |
| Mid-level Gardens |  |  |  |
| * Tree Uplighting * Soffit Space | 3000K  3000K | > 70  > 70 |  |
| **Façade** | **1. Commercial** | 3500-6000K | > 70 |  |
| **2. Office** | 4500 - 6000K | > 70 |  |
| **3. Residential/Hotel** | 2500 - 3500K | > 70 |  |
| **4. Complex** | 3500 - 6000K | > 70 |  |
| **Covered Walkways** |  | 2500 - 3500K | > 80 | Ave floor Lux : |  |
| Downlight:50- 200 |  |
| Indirect light:20-100 |  |
| **Public Spaces (Landscaped areas / Plazas)** |  | 2500 - 3500K | > 80 | Ave Lux >5 lux |  |

\* To be filled in by Applicant. State "Complied, NA or Do Not Comply (provide justifications)