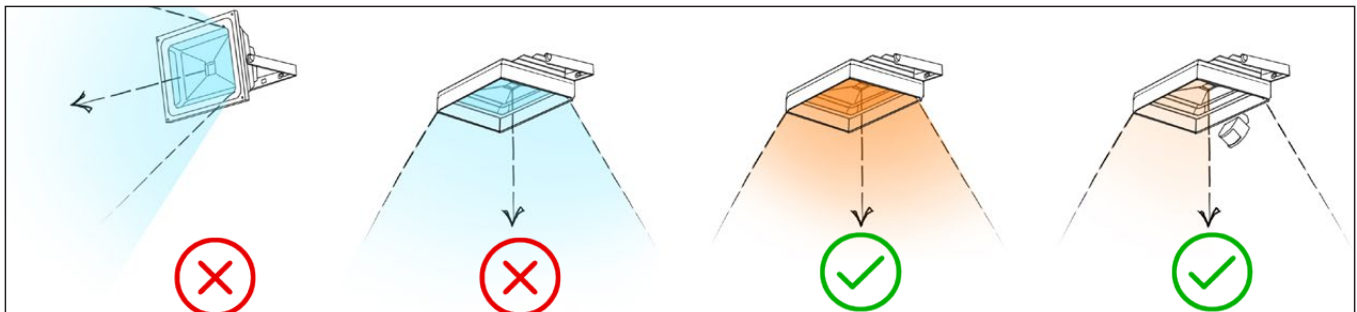


# Annex - Lighting Checklist



**A) Don't use light:**

- If you don't need it.
- too powerful for its purpose ( $\geq 40\text{W}$ )
- in cool colour temperature ( $\geq 2700\text{K}$ )
- tilted outwards.

**B) Keep:**

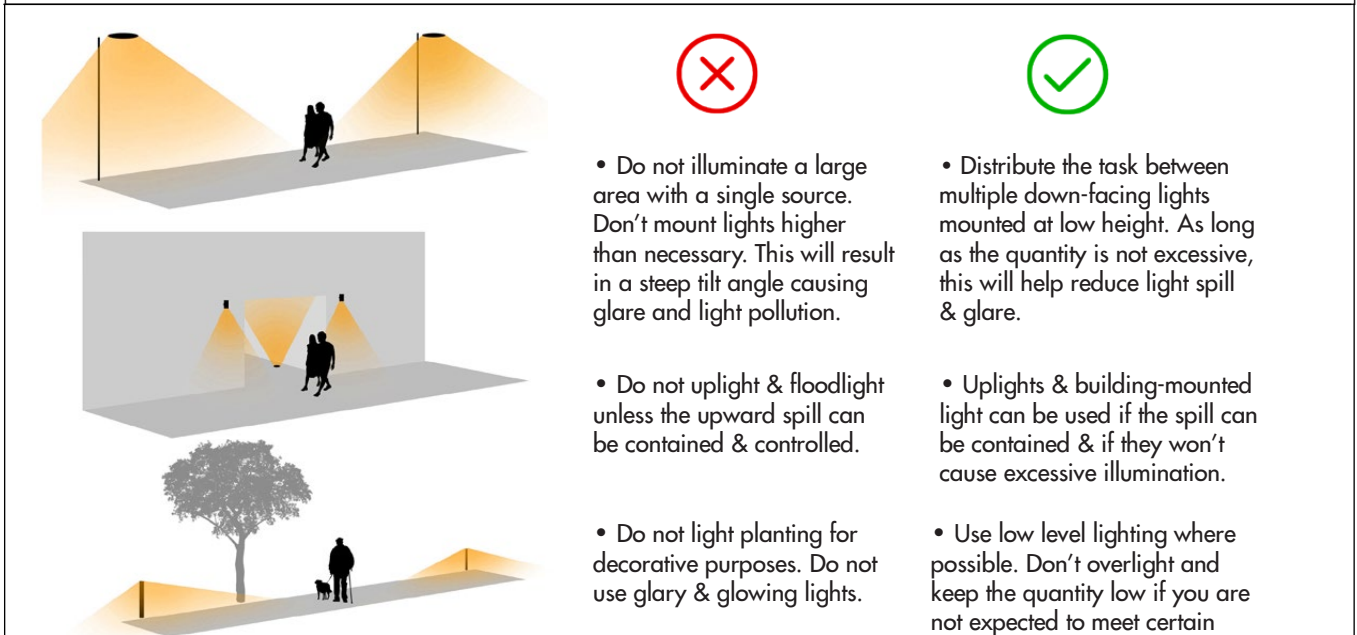
- it angled down.
- shield to reduce glare & beam distribution.

**C) Use:**

- warm colour temperature ( $\leq 2700\text{K}$ )

**D) Apply:**

- dimming or switch off at late hours.
- PIR sensors to avoid energy waste.



- Do not illuminate a large area with a single source. Don't mount lights higher than necessary. This will result in a steep tilt angle causing glare and light pollution.
- Do not uplight & floodlight unless the upward spill can be contained & controlled.
- Do not light planting for decorative purposes. Do not use glary & glowing lights.

- Distribute the task between multiple down-facing lights mounted at low height. As long as the quantity is not excessive, this will help reduce light spill & glare.
- Uplights & building-mounted light can be used if the spill can be contained & if they won't cause excessive illumination.
- Use low level lighting where possible. Don't overlight and keep the quantity low if you are not expected to meet certain lighting standards.

1. Do you have luminaires which are not warm colour temperature ( $\geq 2700\text{K}$ )?
  2. Are any of the luminaires more powerful than 10W (for domestic use) or 40W (for industrial use)?
  3. Are there any luminaires titled outwards which are not angled perpendicular to the floor plane?
  4. Are there any luminaires which beam the light upwards to the sky ( $\geq 80^\circ$  beam distribution)?
  5. Is there a reason why your lighting scheme cannot employ a control regime (switch-off curfew, dimming or PIR ensors) to ensure that all lights will be switched off when not used?
  6. Do you have any lights mounted above 5m height?
  7. Is your lighting scheme expected to meet any lighting standards?
  8. Are you expected to achieve  $\geq 5$  lux average illumination?
  9. Is there a particular reason that your lighting scheme cannot follow **ROLAN** guidelines?
- \*If the response is yes to any of the above, further explanation will be required.**