

ENLIGHT Checklist

Below is the **ENLIGHT Checklist** for reporting ocular light exposures in human laboratory-based studies. We will strongly encourage that this checklist be used in conjunction with the **ENLIGHT Explanation & Elaboration (E&E) document**. This checklist is intended both to help authors, reviewers, and editors in evaluating the completeness of reporting in submitted studies, and for documentation of studies after publication. In the location column, please indicate the page, figure, or table number where the item or description can be found. If an item is not available, please select "**Not available**". If you consider an item not to be applicable in your specific study design after consulting the guidelines, please select "**Not applicable**". Items which do not have the option to select "Not applicable" were rated by experts as applicable for all studies, regardless of context. If you are unable to provide the information, please select "Not available".

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General Information

Author names:

Title of manuscript:

Date:

A. Study Characteristics

A.1. Protocol-level characteristics

	Location (page, figure, table number)	Not available	Not applicable
Description of experimental setting			
Timeline of experiment (including timing and duration of light)			
Pre-laboratory sleep-wake/rest-activity behaviour			
Pre-laboratory light exposure			
Immediate prior light exposure (in laboratory)			

A.2. Measurement-level characteristics

Measurement plane (e.g., horizontal or vertical)			
Measurement viewpoint and location			
Type, make and manufacturer of the measurement instrument			
Calibration status of the instrument			

A.3. Participant-level characteristics

Ocular health and functioning			
Pupil size and/or dilation			
Relative time (e.g. to circadian phase or sleep)			

B. Light characteristics

B.1. Light source type(s). Please select all that are relevant.

Room illumination (overhead or other)	Emissive surfaces including displays (incl. light therapy devices)	Wearable light emitting glasses	Ganzfeld exposure	Other:
Polychromatic light		Monochromatic or narrowband light		

	Location (page, figure, table number)	Not available	Not applicable
Type, make and manufacturer of the light source			
Use of wearable filtering apparatus (e.g., blue-blocking glasses)			

B.2. Light level characteristics

Illuminance (lux) and/or luminance (cd/m ²)			
Spectral irradiance and/or radiance distribution			
α -opic irradiance and/or radiance (including melanopic)			
α -opic equivalent daylight illuminance and/or luminance (EDI/EDL, including melanopic)			

NOTE: Luminance and radiance metrics (as opposed to illuminance and irradiance) are mainly relevant for emissive surfaces.

B.3. Colour characteristics

Peak wavelength and bandwidth			
Colour appearance quantities (any)			
Colour rendering metrics (any)			

NOTE: Peak wavelength and bandwidth are most relevant for monochromatic or narrowband light sources.

B.4. Temporal and spatial characteristics

Location of stimulus and viewing distance			
Temporal pattern (including flash frequency and waveform)			
Relative or absolute size of the stimulus			