

DIAGRAM NO. 1
METHODOLOGY OF THE DESIGN PROCESS

DEFINING THE GOALS OF ILLUMINATION



INVENTORY of the area intended for illumination, including technical parameters, in particular: existing lighting solutions, network layout and light distribution possibilities in the area of development



LANDSCAPE ANALYSIS

ANALYSIS OF THE CONDITIONS AND FACTORS INFLUENCING THE PERCEPTION OF THE LANDSCAPE,
analysis of visual exposure zones, places, directions and methods of observing the area (designation of views, perspectives, panoramas)

LAND COVER ANALYSIS,
dendrological and habitat analysis in terms of the possibility of light emission (wavelengths of light, light intensity and duration of lighting)



ILLUMINATION CONCEPT

DESIGN ASSUMPTIONS - SELECTION OF LANDSCAPE ELEMENTS FOR ILLUMINATION,
Preparation of the background, shadow zones, determination of the main compositional elements influencing the perception of space



ILLUMINATION DESIGN

DETERMINATION OF ZONES AND LEVELS OF LUMINANCE,
selection of special places and artistic means



THE LINE OF FEELINGS
record of plan and design intentions



ENVIRONMENTAL CONSTRAINTS AND CONDITIONS - analysis of the impact of the light spectrum on fauna, flora and humans



VERIFICATION - field trials and PRELIMINARY COST ASSESSMENTS



FINAL VERIFICATION - FIELD TESTS



MONITORING AND POST-IMPLEMENTATION ANALYZES

PRE-DESIGN STAGE

DESIGN STAGE

POST-DESIGN STAGE