

1. Lat/Long is received from LED light
(ex: north latitude 34.63793, east longitude 135.41188)

2. Direction of a smart phone is received from an geomagnetic sensor
(ex: 115.01°)

3. Correction of a geomagnetic sensor value
(-10°)

4. Next, lat/long is received from LED light
(ex: north latitude 34.63796, east longitude 135.41191)

5. The next direction and distance of LED lighting are calculated
from a current position.
(ex: 306° /The 10:00 direction 4m)