

# DIN EN 13272:2012-05 (E)

## Railway applications - Electrical lighting for rolling stock in public transport systems

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>4</b>
<b>4</b>	<b>Requirements for lighting in passenger areas .....</b>	<b>6</b>
4.1	General lighting .....	6
4.2	Stand-by lighting .....	10
4.3	Emergency lighting .....	10
<b>5</b>	<b>Lighting in service areas .....</b>	<b>12</b>
5.1	General lighting .....	12
5.2	Stand-by lighting .....	13
5.3	Emergency lighting .....	13
<b>6</b>	<b>Measuring equipment, conditions and measuring points .....</b>	<b>15</b>
6.1	General .....	15
6.2	Measuring equipment .....	15
6.3	Conditions for illuminance measurement .....	15
6.4	Locations for illuminance measurement .....	15
6.5	Measurement of illuminance and glare .....	16
<b>7</b>	<b>Further requirements on the design of lighting systems .....</b>	<b>16</b>
7.1	General .....	16
7.2	Maintenance .....	17
7.3	Electromagnetic compatibility (EMC) .....	17
<b>Annex A (normative) Contractual statements .....</b>		<b>18</b>
<b>A.1</b>	<b>Information and requirements to be agreed and documented .....</b>	<b>18</b>
<b>Annex B (normative) Definition of the door and access step width requirement for illuminance measurements .....</b>		<b>19</b>
<b>Annex C (informative) Test pulse characteristics .....</b>		<b>20</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC .....</b>		<b>21</b>
<b>Bibliography .....</b>		<b>24</b>