

3. Lighting should be different in style from that in the work areas.
4. In bathrooms, luminaires must be suitable for damp and humid situations.
5. Colour temperature to be at least 4000 K.

Illuminance values may be varied to suit circumstances; see section 2.3.2, Illuminance.

Retail premises

	Maintained illuminance (lux)	Limiting glare rating	Minimum colour rendering (R_a)	Note
Sales area	300	22	80	1
Till area	500	19	80	
Wrapper table	500	19	80	

Note:

1. Both illuminance and UGR requirements are determined by the type of shop.

Illuminance values may be varied to suit circumstances; see section 2.3.2, Illuminance.

Rolling mills, iron and steel works

	Maintained illuminance (lux)	Limiting glare rating	Minimum colour rendering (R_a)	Notes
Production plants without manual operation	50	–	20	1, 2
Production plants with occasional manual operation	150	28	40	2
Production plants with continuous manual operation	200	25	80	3
Slab store	50	–	20	1
Furnaces	200	25	20	1
Mill train; coiler; shear line	300	25	40	
Control platforms: control panels	300	22	80	
Test, measurement and inspection	500	22	80	
Under-floor man-sized tunnels; belt sections; cellars etc.	50	–	20	1, 2

Notes:

General: lamps and luminaires may be subject to severe fouling and high ambient temperatures. Dustproof (IP5X) or other luminaires with good maintenance properties are desirable in areas where raw materials are formed into the basic product.

1. Safety colours should be recognisable.
2. Supplementary lighting may be required for maintenance work.
3. If high-bay lighting is used the colour rendering requirement may be relaxed provided that measures are taken to ensure lighting with higher colour rendering is provided at continually occupied work stations.

Illuminance values may be varied to suit circumstances; see section 2.3.2, Illuminance.