

# GENERAL GUIDELINES TO LIGHTING LEVELS

## INDUSTRIAL APPLICATIONS

| AREAS - ACTIVITIES  | TYPE OF WORK  | RECOMMENDED LUX LEVEL | AREAS - ACTIVITIES | TYPE OF WORK                            | RECOMMENDED LUX LEVEL                          |
|---------------------|---|-----------------------|--------------------|---|--|
| General engineering | Rough work  | 160 lux               | Outdoor areas      | Mechanical loading                      | 10 lux   |
| General engineering | Medium work   | 400 lux               | Outdoor areas      | Manual loading                          | 10 lux   |
| General engineering | Fine work   | 800 lux               | Outdoor areas      | Service station forecourts              | 160 lux  |
| General engineering | Very fine work  | 1600 lux              | Warehousing        | Inactive storage                        | 20 lux   |
| Inspection areas    | Rough work  | 160 lux               | Warehousing        | Loading bays and large material storage | 100 lux  |
| Inspection areas    | Medium work   | 320 lux               | Warehousing        |   |  |
| Inspection areas    | Sub assemblies  | 400 lux               |                    |   | Small material storage, packaging and despatch |
| Inspection areas    | Fine work, electric & high precision mechanical             | 800 lux               |                    |   |  |
| Offices             | Entrances halls and reception areas                         | 160 lux               |                    |   |  |
| Offices             | Conferences facilities, general offices, typing and filling | 500 lux               |                    |   |  |
| Offices             | Computer and business machine operations                    | 630 lux               |                    |   |  |
| Offices             | Drawing offices   | 800 lux               |                    |   |  |

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## SPORT FACILITIES

| TYPE OF SPORTS     | PRACTICE LEVEL | MINOR LEAGUE | MAJOR LEAGUE | PROV LEVEL |
|--------------------|----------------|--------------|--------------|------------|
| Bowls              | 20 lux         | 50 lux       | 100 lux      | 150 lux    |
| Tennis             | 50 lux         | 100 lux      | 150 lux      | 250 lux    |
| Football ( Soccer) | 50 lux         | 100 lux      | 250 lux      | 450 lux    |
| Cricket outfield   | 50 lux         | 100 lux      | 250 lux      | 450 lux    |
| Cricket pitch      | 100 lux        | 200 lux      | 400 lux      | 600 lux    |
| Hockey             | 50 lux         | 100 lux      | 250 lux      | 350 lux    |
| Swimming           | 50 lux         | 100 lux      | 150 lux      | 250 lux    |
| Baseball           | 75 lux         | 75 lux       | 200 lux      | 500 lux    |
| Basketball         | 75 lux         | 75 lux       | 200 lux      | 500 lux    |
| Equestrian         | 100 lux        | 100 lux      | 200 lux      | 500 lux    |
| Netball            | 75 lux         | 75 lux       | 200 lux      | 500 lux    |
| Rugby              | 75 lux         | 75 lux       | 200 lux      | 500 lux    |
| Volleyball         | 75 lux         | 75 lux       | 200 lux      | 500 lux    |
| Athletics          | 50 lux         | 100 lux      | 200 lux      | 500 lux    |

## ROADS

| ROAD TYPE            | LUX    |
|----------------------|--------|
| Freeway              | 20 lux |
| Major arterial roads | 10 lux |
| Arterial roads       | 10 lux |
| Minor arterial roads | 5 lux  |
| Minor suburban roads | 2 lux  |