

Outdoor lighting - EN 12464-2:2014



Gas Station

Type of area, task or activity	Maintained illuminance Lux	illuminance uniformity Uo	Glare Rating limits (RGL)	Colour rendering indices (Ra)	Specific requirements
Vehicle parking and storage areas	5	0.25	50	20	
Entry and exit driveways: dark environment	20	0.4	45	20	
Entry and exit driveways: light environment	50	0.4	45	20	
Air pressure and water checking points and other service areas	150	0.4	45	20	
Meter reading area	150	0.4	45	20	

According to Standard of EN 12464-2:2014

Parking areas

Type of area, task or activity	Maintained illuminance Lux	illuminance uniformity Uo	Glare Rating limits (RGL)	Colour rendering indices (Ra)	Specific requirements
Light traffic, e.g. parking areas of shops, terraced and apartment houses; cycle parks	5	0.25	55	20	
Medium traffic, e.g. parking areas of department stores, office buildings, plants, sports and multipurpose building complexes	10	0.25	50	20	
Heavy traffic, e.g. parking areas of major shopping centres, major sports and multipurpose building complexes	20	0.25	50	20	

According to Standard of EN 12464-2:2014



Apron lighting

Type of area, task or activity	Maintained illuminance Lux	illuminance uniformity U _o	Glare Rating limits (RGL)	Colour rendering indices (Ra)	Specific requirements
Hangar apron	20	0.1	55	20	
Terminal apron	20	0.25	50	20	
Loading areas	20	0.25	50	40	For reading labels: E _m = 50
Fuel depot	50	0.25	50	40	
Aircraft maintenance stands	200	0.5	45	60	

1. Direct light in the direction of the control tower and landing aircraft shall be avoided.
2. Direct light emitted above horizontal from floodlights should be restricted to the minimum.

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