

















EN 12464-2:2014, passenger volume dependent lighting requirements					
Type of platform	E _m	Uo	U _d	GRL	
Open platforms, very small number of passengers , e.g. train stops	5 lx	0.20	0.10	55	
Open platforms, small number of passengers , e.g. rural and local trains	10 lx	0.25	0.125	50	
Open platforms, medium number of passengers , e.g. suburban or regional trains or inter-city services		0.30	0.166	45	
Open platforms, large number of passengers, e.g. inter-city services	50 lx	0.40	0.20	45	
Covered platforms, small number of passengers , e.g. suburban or regional trains or inter-city services	50 lx	0.40	0.20	45	
Covered platforms, large number of passengers, e.g. inter-city services	100 lx	0.50	0.33	45	
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Zone	Surrounding	Lighting Environment	Examples
E1	Natural	Intrinsically dark	National parks, protected sides
E2	Rural	Low district brightness	Industrial or residential rural areas
E3	Suburban	Medium district brightness	Industrial or residential suburbs
E4	Urban	High district brightness	Town centres, commercial areas



Zone E _v in Ix I in cd Ratio ULR in % L _b ir cd/m Pre- curfew Post- curfew Pre- curfew Post- curfew Pre- curfew Post- curfew Post- curfew Post- curfew Building	$L_s in L_s in cd/m^2$
Pre- curfewPost- curfewPre- curfewPost- curfewBuildi facac	
	ng Signs
E1 2 0 2500 0 0 0	50
E2 5 1 7500 500 5 5	400
E3 10 2 10000 1000 15 10	800
E4 25 5 25000 2500 25 15	1000

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14

Immissionsort (Einwirkungsort)	Beleuchtungsstärke <i>E_F</i> in lx		Immissionsrichtwert <i>k</i> für Blendung			
Gebietsart nach § BauNVO	6 Uhr bis 22 Uhr	22 Uhr bis 6 Uhr	6 Uhr bis 20 Uhr	20 Uhr bis 22 Uhr	22 Uhr bis 6 Uhr	
Kurgebiete, Krankenhäuser, Pflegeanstalten (§ 11)	1	1	32	32	32	
reine Wohngebiete (§ 3), allgemeine Wohngebiete (§ 4), besondere Wohngebiete (§ 4a), Kleinsiedlungsgebiete (§ 2), Erholungsgebiete (§ 10)	3	1	96	64	32	
Dorfgebiete (§ 5), Mischgebiete (§ 6)	5	1	160	160 (96)	32	
Kerngebiete (§ 7), Gewerbegebiete (§ 8), Industriegebiete (§ 9)	15	5	-	-	160	





EN 12464- Incremen	2:2014, N t from noi	laximum n-road Liç	Values of phting Ins	Threshol stallations	d S
	Road classification				
	No road lighting	M5	M4/M3	M2/M1	
Threshold increment (TI)	15% based on adaptation luminance of 0,1 cd/m ²	15% based on adaptation luminance of 1,0 cd/m ²	15% based on adaptation luminance of 2,0 cd/m ²	15% based on adaptation luminance of 5,0 cd/m ²	
For users of tr in the path of based on the a	ansport syster travel the thre actual adaptat	ms for the rele eshold increme ion level.	evant viewing ent shall not e	positions xceed 15 %	
If the adaptati an adaptation	ion level is not luminance of	: <mark>known</mark> and n 0,1 cd/m² sha	o road lighting Il be applied.	j is provided,	
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