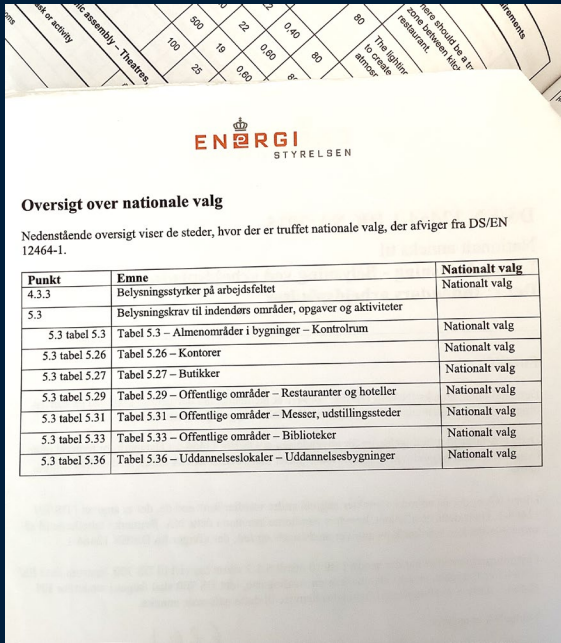


Dokumentation af krav

Inger Erhardsen, IVE Rådgivning



ENØRGI
STYRELSEN

Oversigt over nationale valg

Nedenstående oversigt viser de steder, hvor der er truffet nationale valg, der afviger fra DS/EN 12464-1.

Punkt	Emne	Nationalt valg
4.3.3	Belysningsstyrker på arbejdsfeltet	Nationalt valg
5.3	Belysningskrav til indendørs områder, opgaver og aktiviteter	
5.3 tabel 5.3	Tabel 5.3 – Almenområder i bygninger – Kontrolrum	Nationalt valg
5.3 tabel 5.26	Tabel 5.26 – Kontorer	Nationalt valg
5.3 tabel 5.27	Tabel 5.27 – Butikker	Nationalt valg
5.3 tabel 5.29	Tabel 5.29 – Offentlige områder – Restauranter og hoteller	Nationalt valg
5.3 tabel 5.31	Tabel 5.31 – Offentlige områder – Messer, udstillingssteder	Nationalt valg
5.3 tabel 5.33	Tabel 5.33 – Offentlige områder – Biblioteker	Nationalt valg
5.3 tabel 5.36	Tabel 5.36 – Uddannelseslokaler – Uddannelsesbygninger	Nationalt valg

DS/EN 12464-1 :2011- NA:2015 Nationalt anneks

- De nationale anneks udgår !

MEN

Der er dog skabt plads i standarden til at designe lyset efter de samme principper.

eks.



DS/EN 12464-1:2021 Ny udgave

"Et nyt mindset"

EKS:

Nationalt anneks



DS/EN 12464-1:2021 Ny udgave

"Et nyt mindset"

4.3.3 Arbejdsfeltets belysning - Alternativ B

- Projektering efter arbejdspladsens omgivende felt
- + senere supplerung med arbejdslamper
- Ved informering af bygherre.

DS/EN 12464-1:2021 –

Der gives samme muligheder for lysdesigneren

EKS:

Nationalt anneks



DS/EN 12464-1:2021 Ny udgave

"Et nyt mindset"

Table 34 — Offices

Ref. no.	Type of task/activity area	\bar{E}_m lx		U_o	R_a	R_{UGL}	$\bar{E}_{m,z}$ lx	$\bar{E}_{m,wall}$ lx	$\bar{E}_{m,ceiling}$ lx	Specific requirements
		required ^a	modified ^b							
34.1	Filing, copying, etc.	300	500	0,40	80	19	100	100	75	
34.2	Writing, typing, reading, data processing	500	1 000	0,60	80	19	150	150	100	DSE-work, see 5.9 Room brightness, see 6.7 and Annex B Lighting should be controllable, see 6.2.4 . For smaller cellular offices the wall requirement applies to the front wall. For other walls a lower requirement of minimum 75 lx could be accepted.
34.3	Technical drawing	750	1 500	0,70	80	16	150	150	100	DSE-work, see 5.9 room brightness, see 6.7
34.4	CAD work stations	500	1 000	0,60	80	19	150	150	100	DSE-work, see 5.9 .
34.5.1	Conference and meeting rooms	500	1 000	0,60	80	19	150	150	100	Lighting should be controllable, see 6.2.4 .
34.5.2	Conference table	500	1 000	0,60	80	19	150	150	100	Lighting should be controllable, see 6.2.4 .
34.6	Reception desk	300	750	0,60	80	22	100	100	75	If reception desk includes regular work station tasks these should be lit accordingly.
34.7	Archiving	200	300	0,40	80	25	75	75	50	

^a required: minimum value
^b modified: considers common context modifiers in [5.3.3](#)

EKS:

Nationalt anneks



DS/EN 12464-1:2021 Ny udgave

"Et nyt mindset"

Table 34 — Offices

Ref. no.	Type of task/activity area	\bar{E}_m lx		U_o	R_a	R_{UGL}	$\bar{E}_{m,z}$ lx	$\bar{E}_{m,wall}$ lx	$\bar{E}_{m,ceiling}$ lx	Specific requirements
		required ^a	modified ^b							
34.1	Filing, copying, etc.	300	500	0,40	80	19	100	100	75	
34.2	Writing, typing, reading, data processing	500	1 000	0,60	80	19	150	150	100	DSE-work, see 5.9 Room brightness, see 6.7 and Annex B Lighting should be controllable, see 6.2.4 . For smaller cellular offices the wall requirement applies to the front wall. For other walls a lower requirement of minimum 75 lx could be accepted.
34.3	Technical drawing	750	1 500	0,70	80	16	150	150	100	DSE-work, see 5.9 room brightness, see 6.7
34.4	CAD work stations	500	1 000	0,60	80	19	150	150	100	DSE-work, see 5.9 .
34.5.1	Conference and meeting rooms	500	1 000	0,60	80	19	150	150	100	Lighting should be controllable, see 6.2.4 .
34.5.2	Conference table	500	1 000	0,60	80	19	150	150	100	Lighting should be controllable, see 6.2.4 .
34.6	Reception desk	300	750	0,60	80	22	100	100	75	If reception desk includes regular work station
34.7	Archiving	200								

^a required: minimum value

^b modified: considers common context modifiers in

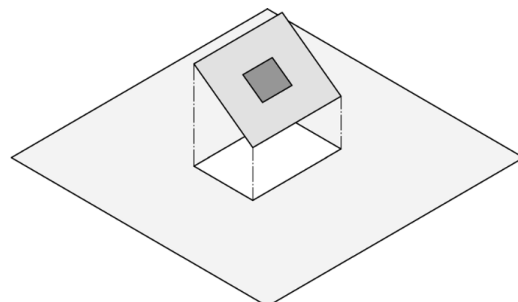


Table 3 — Relationship of illuminances on immediate surrounding to the illuminance on the task area or activity area

Illuminance on the task area or activity area \bar{E}_m lx	Illuminance on immediate surrounding areas lx
≥ 750	500
500	300
300	200
200	150
≤ 150	equal to task area

