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AMENDMENT 1
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**Optics and photonics —
Environmental test methods —**

Part 2:
Cold, heat and humidity

AMENDMENT 1

*Optique et photonique — Méthodes d'essais d'environnement —
Partie 2: Froid, chaleur et humidité*

AMENDEMENT 1

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Optics and photonics — Environmental test methods —

Part 2: Cold, heat and humidity

AMENDMENT 1

4.2.2:

Replace 4.2.2 by the following:

4.2.2 Conditioning method 10: Cold

See Table 1.

Table 1 — Degrees of severity for conditioning method 10: Cold

Degree of severity	01	02	03	04	05	06	07	08	09	10	11	12	13	14
Test chamber temperature [°C]	-0 ± 3	-10 ± 3	-15 ± 3	-20 ± 3	-25 ± 3	-30 ± 3	-35 ± 3	-40 ± 3	-55 ± 3	-65 ± 3	-65 ± 3	-65 ± 3	-145 ± 3	-45 ± 3
Exposure time [h]	16										2	5	16	
State of operation	0 or 1 or 2 ^a								0 or 1				0 or 1 or 2 ^a	

^a When testing to degree of severity 09 or 14 is required, state of operation 2 should be justified in the relevant specification.

4.2.3:

Replace 4.2.3 by the following:

4.2.3 Conditioning method 11: Dry heat

See Table 2.

Table 2 — Degrees of severity for conditioning method 11: Dry heat

Degree of severity	01	02	03	04	05	06	07	08	09	10	11
Test chamber temperature [°C]	10 ± 2	40 ± 2	55 ± 2	63 ± 2	70 ± 2	85 ± 2	70 ± 2	85 ± 2	70 ± 2	50 ± 2	35 ± 2
Relative humidity [%]	<40										
Exposure time [h]	16				6	6	2	2	5	16	16
State of operation	0 or 1 or 2					0 or 1	0 or 1 or 2	0 or 1	0 or 1 or 2		

4.2.4:

Replace 4.2.4 by the following:

4.2.4 Conditioning method 12: Damp heat

See Table 3.

Table 3 — Degrees of severity for conditioning method 12: Damp heat

Degree of severity	01	02	03	04	05	06	07	08	09	10	11	12	13	14
Test chamber temperature [°C]	40 ± 2				55 ± 2		50 ± 2	10 ± 2	30 ± 2	35 ± 2	35 ± 2	45 ± 2	50 ± 2	
Relative humidity [%]	90 to 95						95 to 100				40 to 85	95 to 100		
Exposure time	24 h	4 d	10 d	21 d	56 d	6 h	16 h	24 h	16 h					
State of operation	0 or 1 or 2 ^a													
^a State of operation 2 during the last 4 h of exposure only.														