

E DIN EN 4709-004:2021-02 (E)

Erscheinungsdatum: 2021-01-15

Aerospace series - Unmanned Aircraft Systems - Part 004: Lighting requirements;
English version prEN 4709-004:2020

Inhalt	Seite
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Technical specifications	5
4.1 General	5
4.2 Add-on lights	5
4.3 Colours.....	6
5 Lights for controllability	7
5.1 General	7
5.2 Performance Specification	7
5.2.1 Manual direct piloting control mode.....	8
5.2.2 Semi-automatic control Mode	8
5.3 Test Methods	9
6 Lights for conspicuity	9
6.1 General	9
6.2 Performance Specification:	9
6.2.1 Blinking and flashing lights	10
6.2.2 Alternating lights	10
6.3 Test Methods	10
6.3.1 Distance Test.....	10
6.3.2 Field of Coverage Test.....	11
6.3.3 Cycle rate test.....	13
7 Lights for other purposes	13
7.1 General	13
7.2 Test Methods	14
7.2.1 Detract from conspicuity test.....	14
Annex ZA (informative) Relationship between this document and the essential requirements of Delegated regulation (EU) 2019/945 of 12th March 2019 on unmanned aircraft systems and on third-country operators of unmanned aircraft systems aimed to be covered.....	15
Annex A (informative) Reference implementations	16
Bibliography	22