

DIN SPEC 15800:2020-07 (E)

Entertainment Technology - General Device Type Format (GDTF); Text in English

Inhalt	Seite
Foreword	4
Introduction.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions.....	6
4 File Format Definition.....	7
5 Fixture Type Node.....	9
6 Attribute Definitions	10
6.1 Activation Groups.....	11
6.1.1 General.....	11
6.1.2 Activation Group.....	11
6.2 Feature Groups.....	11
6.2.1 General.....	11
6.2.2 Feature Group.....	12
6.3 Attributes	12
6.3.1 General.....	12
6.3.2 Attribute.....	12
7 Wheel Collect	13
7.1 General.....	13
7.2 Wheel.....	13
7.2.1 General.....	13
7.2.2 Wheel Slot.....	13
8 Physical Descriptions.....	16
8.1 General.....	16
8.2 Emitter Collect.....	16
8.2.1 General.....	16
8.2.2 Emitter	16
8.3 Filter Collect.....	17
8.3.1 General.....	17
8.3.2 Filter	17
8.4 Measurement.....	17
8.4.1 General.....	17
8.4.2 Measurement Point	18
8.5 Color Space	18
8.6 DMX Profile Collect	19
8.6.1 General.....	19
8.6.2 DMX Profile.....	19
8.7 Color Rendering Index Collect.....	19
8.7.1 General.....	19
8.7.2 Color Rendering Index Group.....	19
8.8 Connector Collect.....	20
8.8.1 General.....	20
8.8.2 Connector	20
8.9 Properties Collect.....	20

8.9.1	General	20
8.9.2	OperatingTemperature	21
8.9.3	Weight.....	21
8.9.4	PowerConsumption	21
8.9.5	LegHeight.....	22
9	Model Collect	22
9.1	General	22
9.2	Model.....	22
10	Geometry Collect	26
10.1	General	26
10.2	General Geometry	26
10.3	Geometry Type Axis.....	27
10.4	Geometry Type Beam Filter	27
10.5	Geometry Type Color Filter.....	27
10.6	Geometry Type Gobo Filter	28
10.7	Geometry Type Shaper Filter	28
10.8	Geometry Type Beam.....	28
10.9	Geometry Type Media Server Layer	30
10.10	Geometry Type Media Server Camera	30
10.11	Geometry Type Media Server Master	30
10.12	Geometry Type Display	31
10.13	Geometry Type Reference	31
10.13.1	General	31
10.13.2	Break	32
11	DMX Mode Collect.....	32
11.1	General	32
11.2	DMX Mode.....	32
11.2.1	DMX Channel Collect	33
11.2.2	Relation Collect.....	35
11.2.3	Macro Collect	36
12	Revision Collect.....	37
12.1	General	37
12.2	Revision.....	37
13	Fixture Type Preset Collect	38
13.1	General	38
13.2	Fixture Type Preset	38
14	Supported Protocol Collect	38
14.1	General	38
14.2	RDM Section	38
14.2.1	SoftwareVersionID.....	38
14.3	Art-Net Section	39
14.4	Streaming ACN Section	39
14.5	Posi Stage Net Section	39
14.6	Open Sound Control Section	39
14.7	CITP Section	39
Annex A (normative) Attribute Definitions.....		40
Annex B (normative) Attribute Listing.....		50
Annex C (informative) Name Character Table.....		66
Annex D (informative) Predefined Connector Types.....		69
Annex E (normative) Wheel Slot Image Definition		72
Bibliography		73