

TIARA 2 LED XS

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	12.00 - 54.00
Luminous flux [lm]*:	1800 - 8275
Colour temperature [K]:	4000
Colour rendering index:	70
Electrical protection class:	I; II
Optics:	RM7; RM7HE
Control:	Yes + 5-stage power reduction
Colour of the body:	grey
Luminous efficacy [lm/W]:	141.00 - 169.00
Energy efficiency class:	B; C
Material of the body:	powder coated aluminium
Diffuser type:	transparent
Diffuser material:	tempered glass
Optics material:	PMMA; PMMA + PC
SDCM:	≤ 4

CHARACTERISTICS

TIARA 2 LED XS - a new generation of LED road luminaires. It uses directional multi-lens matrices made of PMMA, each lens of which has the same optics, ensuring that the light characteristics remain unchanged over time. The two-chamber structure of the luminaire maintains the tightness of the optical chamber during assembly work and when opening the electrical chamber. As standard, the fixture offers tool-free access to the electrical equipment using a knob which, upon request and the need to protect against vandalism or uncontrolled opening, can optionally be permanently secured with a screw or seal. The upper part of the luminaire has dedicated hinges and a rope protecting against falling. Using standard tools, quick and convenient service is possible, allowing the replacement of any component without the need to dismantle the entire fixture and perform soldered connections. The body and handle are made of die-cast aluminium, powder-coated grey, characterized by a very high degree of tightness IP66 and resistance to mechanical impacts IK10.

Standard equipment: ergonomic light module suspension system; protection against accidental overheating of the NTC fixture; fully programmable DALI driver, available functions of maintaining a constant light flux during CLO and autonomous, 5-step power reduction; filter preventing water vapor condensation; connection terminals; tool-free access.

Additional options: NEMA, ZHAGA connectors; cooperation with control systems, RCR motion sensor; anti-vandal protection with screws/seals; additional SP10kV protection apart from the power supply, on/off power supply without power reduction function; knife switch disconnecting the voltage when the electrical compartment is opened; version with a cable terminated with a quick connector; painting in any color from the RAL palette. Certificates: CE, RoHS, ENEC, ENEC+, Zhaga D4i, Zhaga Book 13, Zhaga Book 15.

APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate facilities such as: expressways, national roads, provincial roads, district roads, municipal roads, city roads, housing estate roads, and area lighting. Optics are also available to illuminate pedestrian crossings, sidewalks and bicycle paths.

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AVAILABLE VERSIONS



Click index >>, to see details

Rated power of the luminaire [W]*	Luminous flux [lm]*	Luminous efficacy [lm/W]	Energy efficiency class	Colour temperature [K]	Colour rendering index	Electrical protection class	Optics	Index
12	1800	150	C	4000	70	II	RM7	>> 694219
12	1950	163	B	4000	70	II	RM7HE	>> 694516
14	2050	146	C	4000	70	II	RM7	>> 694226
14	2200	157	C	4000	70	II	RM7HE	>> 694523
15	2250	150	C	4000	70	II	RM7	>> 694233
15	2400	160	B	4000	70	II	RM7HE	>> 694530
16	2450	153	C	4000	70	II	RM7	>> 694240
16	2625	164	B	4000	70	II	RM7HE	>> 694547
18	2775	154	C	4000	70	II	RM7	>> 694257
18	2950	164	B	4000	70	II	RM7HE	>> 694554
21	3225	154	C	4000	70	II	RM7	>> 694264
21	3450	164	B	4000	70	II	RM7HE	>> 694561
23	3600	157	C	4000	70	II	RM7	>> 864186
23	3875	169	B	4000	70	II	RM7HE	>> 694578
24	3700	154	C	4000	70	II	RM7	>> 864193
24	3950	165	B	4000	70	II	RM7HE	>> 694585
25	3825	153	C	4000	70	II	RM7	>> 694271
25	4100	164	B	4000	70	II	RM7HE	>> 694592
26	3975	153	C	4000	70	II	RM7	>> 694288
26	4275	164	B	4000	70	II	RM7HE	>> 694608
28	4350	155	C	4000	70	II	RM7	>> 866814
28	4700	168	B	4000	70	II	RM7HE	>> 694615
29	4500	155	C	4000	70	II	RM7	>> 694295
29	4850	167	B	4000	70	II	RM7HE	>> 694622
30	4600	153	C	4000	70	II	RM7	>> 694301
30	4925	164	B	4000	70	II	RM7HE	>> 694639
31	4725	152	C	4000	70	II	RM7	>> 694318
31	5075	164	B	4000	70	II	RM7HE	>> 694646
33	5000	152	C	4000	70	II	RM7	>> 694325
33	5400	164	B	4000	70	II	RM7HE	>> 694653
34	5150	152	C	4000	70	II	RM7	>> 864056
35	5300	151	C	4000	70	II	RM7	>> 694332
35	5700	163	B	4000	70	II	RM7HE	>> 694660
36	5450	151	C	4000	70	II	RM7	>> 694349
36	5850	163	B	4000	70	II	RM7HE	>> 694677

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37	5600	151	C	4000	70	II	RM7	>> 864957
37	6025	163	B	4000	70	II	RM7HE	>> 694684
39	5800	149	C	4000	70	II	RM7	>> 694356
39	6275	161	B	4000	70	II	RM7HE	>> 694691
44	6475	147	C	4000	70	II	RM7	>> 864162
44	6900	157	C	4000	70	II	RM7HE	>> 694707
47	6750	144	C	4000	70	II	RM7	>> 694363
47	7225	154	C	4000	70	II	RM7HE	>> 694714
50	7125	143	C	4000	70	II	RM7	>> 694370
50	7675	154	C	4000	70	II	RM7HE	>> 694721
52	7400	142	C	4000	70	II	RM7	>> 694387
52	7950	153	C	4000	70	II	RM7HE	>> 694738
54	7625	141	C	4000	70	II	RM7	>> 694394
54	8275	159	B	4000	70	II	RM7HE	>> 694745

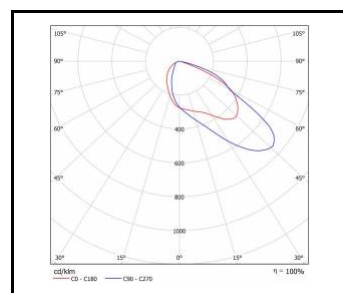
GENERAL CARD

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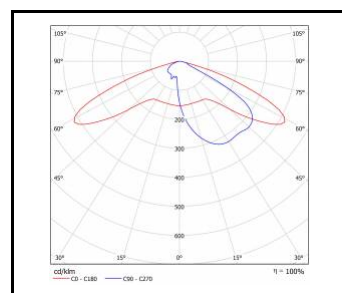
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ASW

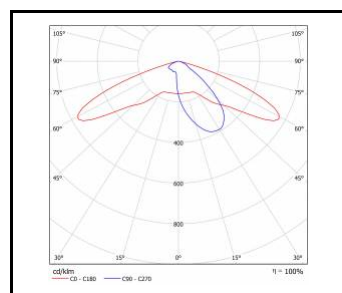
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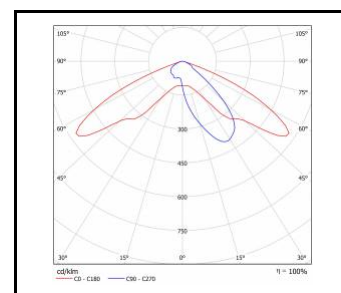
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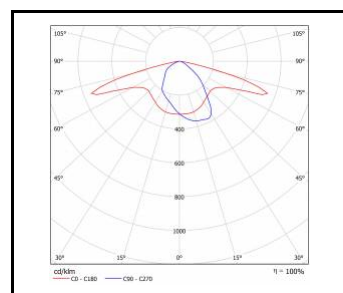
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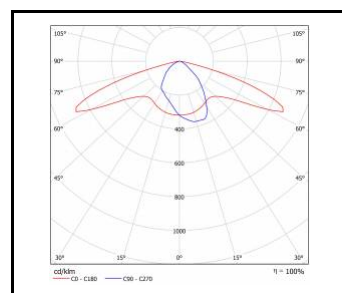
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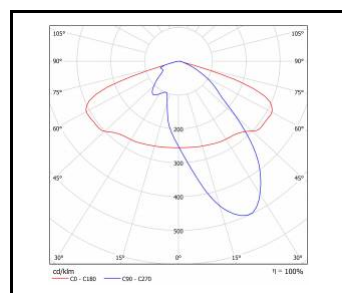
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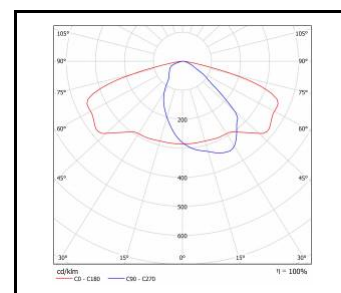
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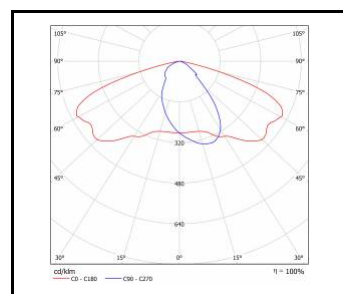
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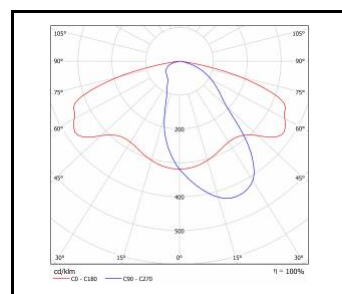
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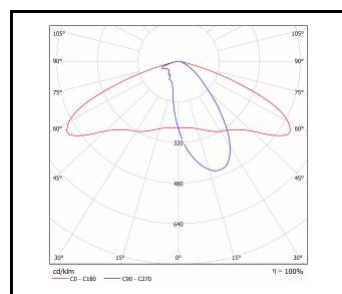
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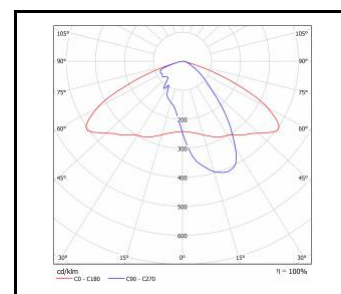
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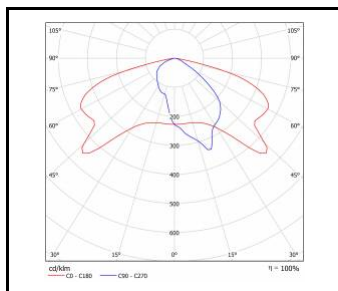
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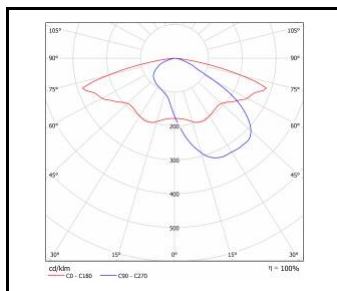
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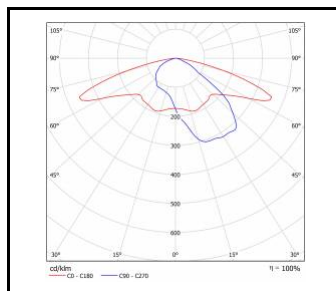
GENERAL CARD



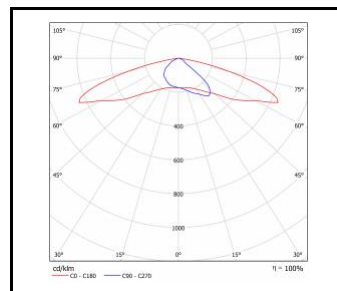
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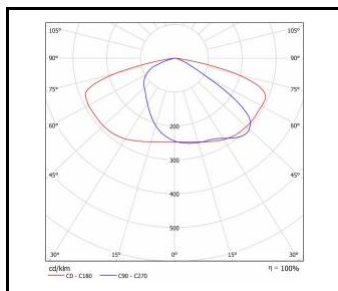
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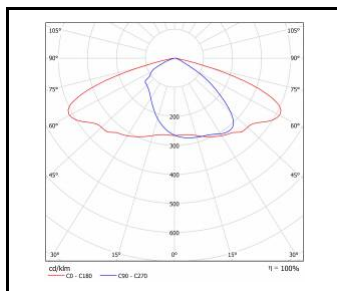
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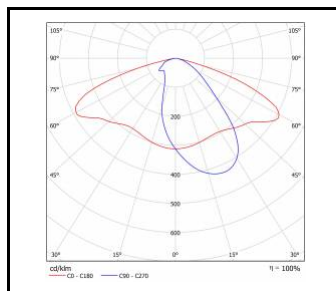
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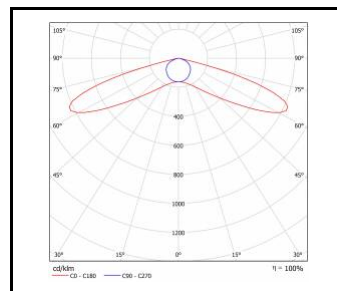
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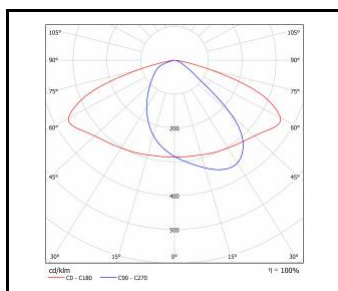
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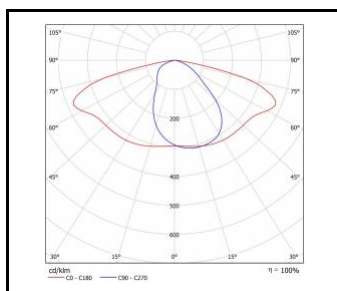
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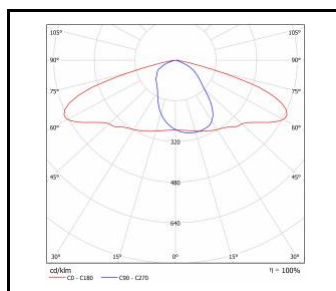
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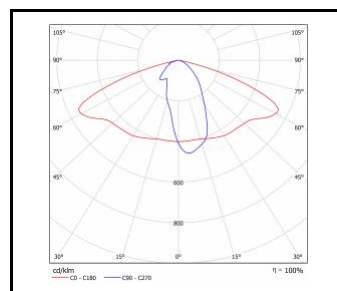
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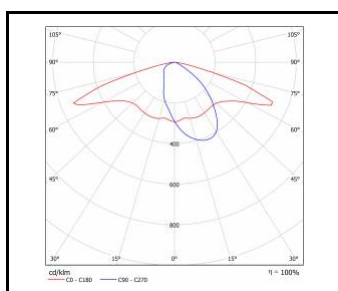
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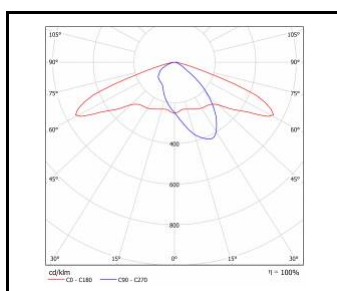
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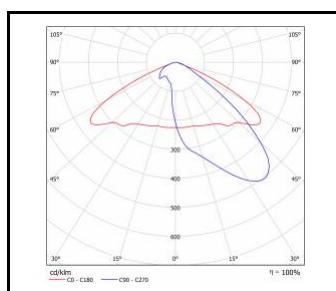
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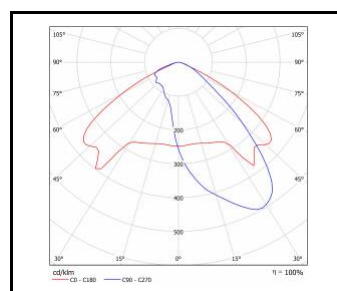
RM9



RM9HE



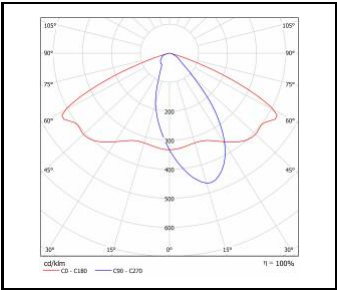
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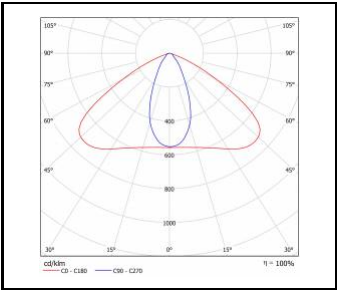
RMWHE

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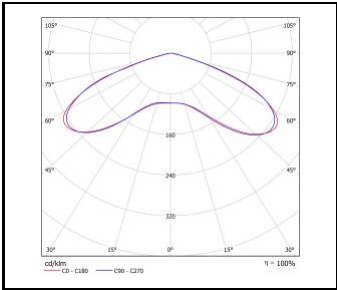
GENERAL CARD



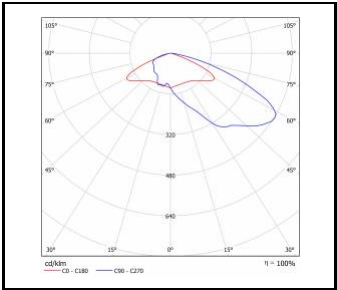
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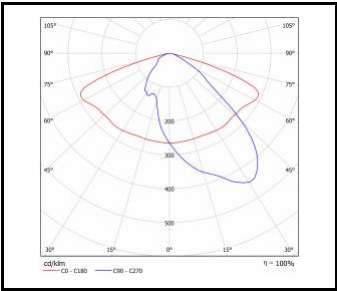
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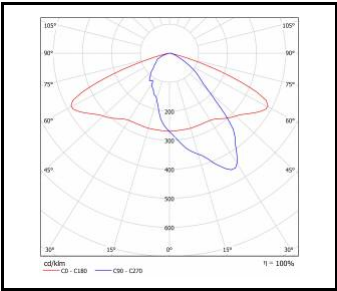
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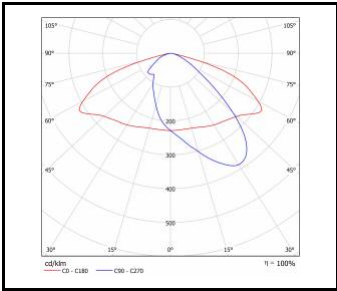
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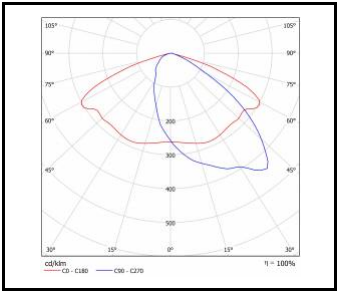
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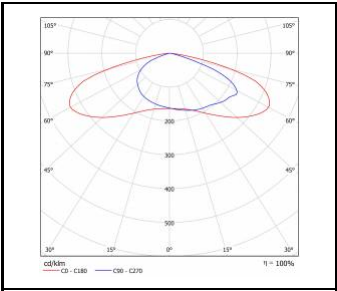
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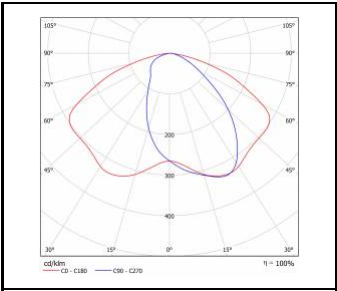
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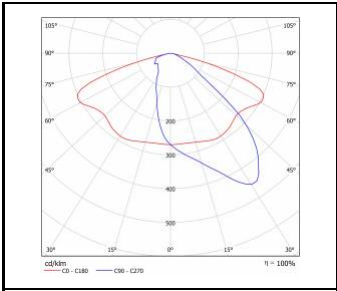
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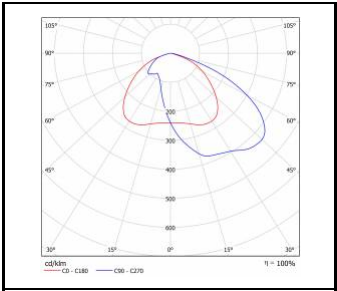
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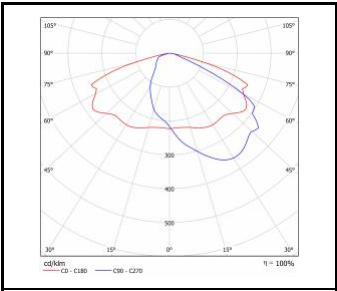
RW6



RW7



RW8



RW9

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ACCESSORIES AVAILABLE

index	Name
813474	Backshield P (right) Tiara 2 LED XS RAL9006
813481	Backshield L (left) Tiara 2 LED XS RAL9006
813467	Backshield T (back) Tiara 2 LED XS RAL9006

Card creation date: 02 September 2025
The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 43/2024



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