

CERTIFICATE

Issued to:
Applicant:
Thorn Lighting Limited
Durhamgate Spennymoor
County Durham DL16 6HL, United Kingdom

Licensee:
Shenzhen YF Lighting Co., Ltd.
Building B2 Xinfu Park Chongqing Rd, Fuyong
Bao'an
518103 Shenzhen Guangdong, China

Product : LED track light
Trade name(s) : THORN
Type(s)/model(s) : TONIC M series, TONIC S series and TONIC XS series

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 and EN IEC 60598-2-1:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6067385

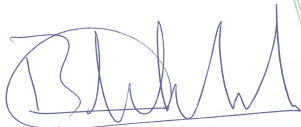
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 13 June 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-141644

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED track light
Trade name(s)	: THORN
Type(s)/model(s)	: TONIC M series, TONIC S series and TONIC XS series
Rated voltage	: 220-240 V
Rated frequency	: 50/60 Hz
Class of insulation	: Class II
Degree of protection	: IP20
Ta	: 35 °C
Additional information	: Non-user replaceable LEDs

TESTS**Test requirements**

EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022
EN IEC 60598-2-1:2021

Test result

The test results are documented in DEKRA test file 492008600.

Additional information

The list of components is laid down in test report 4920086.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Shenzhen YF Lighting Co., Ltd.
Building B2 Xinfu Park Chongqing Rd, Fuyong Bao'an
518103 Shenzhen Guangdong, China

Models list:

Code	Model no.	Wattage	CCT	Beam angle	LED driver	Color of appearance		
1.	TONIC XS 1700 927 3GU SP BK	9-15 W	2700 K	15	LC 15/200-350/42 flexC T-B SNC3, LC 15/200-350/42 flexC T-G SNC3, LC 15/200-350/42 flexC T-W SNC3 (Only the color is different); LC 25/350-600/42 o4a NF T-B EXC3, LC 25/350-600/42 o4a NF T-W EXC3, LC 25/350-600/42 o4a NF T-G EXC3 (Only the color is different);	Black		
2.	TONIC XS 1700 927 3GU SP WH			15		White		
3.	TONIC XS 1700 927 3GU FL BK			24		Black		
4.	TONIC XS 1700 927 3GU FL WH			24		White		
5.	TONIC XS 1700 927 3GU WFL BK			36		Black		
6.	TONIC XS 1700 927 3GU WFL WH			36		White		
7.	TONIC XS 1700 930 3GU SP BK		3000 K	3000 K		15	Black	
8.	TONIC XS 1700 930 3GU SP WH					15	White	
9.	TONIC XS 1700 930 3GU FL BK					24	Black	
10.	TONIC XS 1700 930 3GU FL WH					24	White	
11.	TONIC XS 1700 930 3GU WFL BK					36	Black	
12.	TONIC XS 1700 930 3GU WFL WH					36	White	
13.	TONIC XS 1700 935 3GU SP BK			3500 K		3500 K	15	Black
14.	TONIC XS 1700 935 3GU SP WH						15	White
15.	TONIC XS 1700 935 3GU FL BK	24			Black			
16.	TONIC XS 1700 935 3GU FL WH	24			White			
17.	TONIC XS 1700 935 3GU WFL BK	36			Black			
18.	TONIC XS 1700 935 3GU WFL WH	36			White			
19.	TONIC XS 1700 940 3GU SP BK	4000 K	4000 K	15	Black			
20.	TONIC XS 1700 940 3GU SP WH			15	White			
21.	TONIC XS 1700 940 3GU FL BK			24	Black			
22.	TONIC XS 1700 940 3GU FL WH			24	White			
23.	TONIC XS 1700 940 3GU WFL BK			36	Black			
24.	TONIC XS 1700 940 3GU WFL WH			36	White			
25.	TONIC XS 1700 950 3GU SP BK			5000 K	5000 K	15	Black	
26.	TONIC XS 1700 950 3GU SP WH					15	White	
27.	TONIC XS 1700 950 3GU FL BK	24	Black					
28.	TONIC XS 1700 950 3GU FL WH	24	White					

29.	TONIC XS 1700 950 3GU WFL BK			36		Black		
30.	TONIC XS 1700 950 3GU WFL WH			36		White		
31.	TONIC S 2800 927 3GU SP BK	18-24 W	2700 K	15	LC 25/450-600/42 flexC T-B SNC3, LC 25/450-600/42 flexC T-G SNC3, LC 25/450-600/42 flexC T-W SNC3 (Only the color is different); LC 25/350-600/42 o4a NF T-B EXC3, LC 25/350-600/42 o4a NF T-W EXC3, LC 25/350-600/42 o4a NF T-G EXC3 (Only the color is different);	Black		
32.	TONIC S 2800 927 3GU SP WH			15		White		
33.	TONIC S 2800 927 3GU FL BK			24		Black		
34.	TONIC S 2800 927 3GU FL WH			24		White		
35.	TONIC S 2800 927 3GU WFL BK			36		Black		
36.	TONIC S 2800 927 3GU WFL WH			36		White		
37.	TONIC S 2800 930 3GU SP BK			3000 K		15	Black	
38.	TONIC S 2800 930 3GU SP WH					15	White	
39.	TONIC S 2800 930 3GU FL BK					24	Black	
40.	TONIC S 2800 930 3GU FL WH					24	White	
41.	TONIC S 2800 930 3GU WFL BK					36	Black	
42.	TONIC S 2800 930 3GU WFL WH					36	White	
43.	TONIC S 2800 935 3GU SP BK					3500 K	15	Black
44.	TONIC S 2800 935 3GU SP WH						15	White
45.	TONIC S 2800 935 3GU FL BK		24		Black			
46.	TONIC S 2800 935 3GU FL WH		24		White			
47.	TONIC S 2800 935 3GU WFL BK		36		Black			
48.	TONIC S 2800 935 3GU WFL WH		36		White			
49.	TONIC S 2800 940 3GU SP BK		4000 K		15		Black	
50.	TONIC S 2800 940 3GU SP WH				15		White	
51.	TONIC S 2800 940 3GU FL BK			24	Black			
52.	TONIC S 2800 940 3GU FL WH			24	White			
53.	TONIC S 2800 940 3GU WFL BK			36	Black			
54.	TONIC S 2800 940 3GU WFL WH			36	White			
55.	TONIC S 2800 950 3GU SP BK			5000 K	15	Black		
56.	TONIC S 2800 950 3GU SP WH				15	White		
57.	TONIC S 2800 950 3GU FL BK		24		Black			
58.	TONIC S 2800 950 3GU FL WH		24		White			

59.	TONIC S 2800 950 3GU WFL BK			36		Black		
60.	TONIC S 2800 950 3GU WFL WH			36		White		
61.	TONIC M 3600 927 3GU SP BK	25-32 W	2700 K	15	LC 34/650-800/42 flexC T-B SNC3, LC 34/650-800/42 flexC T-G SNC3, LC 34/650-800/42 flexC T-W SNC3 (Only the color is different); LC 40/500-1050/42 o4a NF T-B EXC3, LC 40/500-1050/42 o4a NF T-W EXC3, LC 40/500-1050/42 o4a NF T-G EXC3 (Only the color is different);	Black		
62.	TONIC M 3600 927 3GU SP WH			15		White		
63.	TONIC M 3600 927 3GU FL BK			24		Black		
64.	TONIC M 3600 927 3GU FL WH			24		White		
65.	TONIC M 3600 927 3GU WFL BK			36		Black		
66.	TONIC M 3600 927 3GU WFL WH			36		White		
67.	TONIC M 3600 930 3GU SP BK			3000 K		15	Black	
68.	TONIC M 3600 930 3GU SP WH					15	White	
69.	TONIC M 3600 930 3GU FL BK					24	Black	
70.	TONIC M 3600 930 3GU FL WH					24	White	
71.	TONIC M 3600 930 3GU WFL BK					36	Black	
72.	TONIC M 3600 930 3GU WFL WH					36	White	
73.	TONIC M 3600 935 3GU SP BK					3500 K	15	Black
74.	TONIC M 3600 935 3GU SP WH						15	White
75.	TONIC M 3600 935 3GU FL BK		24		Black			
76.	TONIC M 3600 935 3GU FL WH		24		White			
77.	TONIC M 3600 935 3GU WFL BK		36		Black			
78.	TONIC M 3600 935 3GU WFL WH		36		White			
79.	TONIC M 3600 940 3GU SP BK		4000 K		15		Black	
80.	TONIC M 3600 940 3GU SP WH				15		White	
81.	TONIC M 3600 940 3GU FL BK			24	Black			
82.	TONIC M 3600 940 3GU FL WH			24	White			
83.	TONIC M 3600 940 3GU WFL BK			36	Black			
84.	TONIC M 3600 940 3GU WFL WH			36	White			
85.	TONIC M 3600 950 3GU SP BK			5000 K	15	Black		
86.	TONIC M 3600 950 3GU SP WH				15	White		
87.	TONIC M 3600 950 3GU FL BK		24		Black			
88.	TONIC M 3600 950 3GU FL WH		24		White			

89.	TONIC M 3600 950 3GU WFL BK			36		Black
90.	TONIC M 3600 950 3GU WFL WH			36		White