

Producent: **Spectra Lighting Sp. z o. o.**
ul. Ostródzka 53
03-289 Warszawa

Nazwa wyrobu: **TWIST 100**

Numer wyrobu: **w załączniku nr 02/046**

Niniejszym deklarujemy na wyłączną odpowiedzialność producenta, że powyższy wyrób jest zgodny z postanowieniami następujących dyrektyw:

2009/125/WE	Ekoprojekt
2011/65/UE	Ograniczenia substancji niebezpiecznych
2014/30/UE	Kompatybilność elektromagnetyczna
2014/35/UE	Niskonapięciowa

oraz następujących norm:

PN-EN 55015:2013	Poziomy dopuszczalne i metody pomiaru zaburzeń radioelektrycznych wytwarzanych przez elektryczne urządzenia oświetleniowe i urządzenia podobne
PN-EN 60529:2003	Stopnie ochrony zapewnianej przez obudowy (Kod IP)
PN-EN 60598-1:2015	Oprawy oświetleniowe -- Część 1: Wymagania ogólne i badania
PN-EN 60598-2-2:2012	Oprawy oświetleniowe -- Część 2-2: Wymagania szczegółowe -- Oprawy oświetleniowe wbudowywane
PN-EN 61000-3-2:2014	Kompatybilność elektromagnetyczna (EMC) -- Część 3-2: Poziomy dopuszczalne -- Poziomy dopuszczalne emisji harmonicznych prądu (fazowy prąd zasilający odbiornika ≤ 16 A)
PN-EN 61000-3-3:2013	Kompatybilność elektromagnetyczna (EMC). Część 3-3: Poziomy dopuszczalne. Ograniczenie zmian napięcia, wahań napięcia i migotania światła w publicznych sieciach zasilających niskiego napięcia, powodowanych przez odbiorniki o fazowym prądzie znamionowym $<$ lub $= 16$ A przyłączone bezwarunkowo.
PN-EN 61547:2009	Sprzęt do ogólnych celów oświetleniowych -- Wymagania dotyczące kompatybilności elektromagnetycznej
PN-EN 62493:2015	Ocena sprzętu oświetleniowego związana z ekspozycją człowieka na działanie pól elektromagnetycznych

Wyrób został oznaczony znakiem CE po raz pierwszy w roku:

2019

Miejsce i data wystawienia dokumentu

Warszawa, 24.01.2022



MIROSLAW RAKOCZY
V-ce PREZES

ZAŁĄCZNIK

Kod	Nazwa
25.0010.01.930.250	Twist 100 Recessed LED/930, 25° 250mA RAL9016
25.0010.01.930.250.DALI	Twist 100 Recessed LED/930, 25° DALI 250mA RAL9016
25.0010.01.930.350	Twist 100 Recessed LED/930, 25° 350mA RAL9016
25.0010.01.930.350.DALI	Twist 100 Recessed LED/930, 25° DALI 350mA RAL9016
25.0010.01.930.450	Twist 100 Recessed LED/930, 25° 450mA RAL9016
25.0010.01.930.450.DALI	Twist 100 Recessed LED/930, 25° DALI 450mA RAL9016
25.0010.01.930.500	Twist 100 Recessed LED/930, 25° 500mA RAL9016
25.0010.01.930.500.DALI	Twist 100 Recessed LED/930, 25° DALI 500mA RAL9016
25.0010.01.930.600	Twist 100 Recessed LED/930, 25° 600mA RAL9016
25.0010.01.930.600.DALI	Twist 100 Recessed LED/930, 25° DALI 600mA RAL9016
25.0010.01.930.650	Twist 100 Recessed LED/930, 25° 650mA RAL9016
25.0010.01.930.650.DALI	Twist 100 Recessed LED/930, 25° DALI 650mA RAL9016
25.0010.01.930.700	Twist 100 Recessed LED/930, 25° 700mA RAL9016
25.0010.01.930.700.DALI	Twist 100 Recessed LED/930, 25° DALI 700mA RAL9016
25.0010.01.940.250	Twist 100 Recessed LED/940, 25° 250mA RAL9016
25.0010.01.940.250.DALI	Twist 100 Recessed LED/940, 25° DALI 250mA RAL9016
25.0010.01.940.350	Twist 100 Recessed LED/940, 25° 350mA RAL9016
25.0010.01.940.350.DALI	Twist 100 Recessed LED/940, 25° DALI 350mA RAL9016
25.0010.01.940.450	Twist 100 Recessed LED/940, 25° 450mA RAL9016
25.0010.01.940.450.DALI	Twist 100 Recessed LED/940, 25° DALI 450mA RAL9016
25.0010.01.940.500	Twist 100 Recessed LED/940, 25° 500mA RAL9016
25.0010.01.940.500.DALI	Twist 100 Recessed LED/940, 25° DALI 500mA RAL9016
25.0010.01.940.600	Twist 100 Recessed LED/940, 25° 600mA RAL9016
25.0010.01.940.600.DALI	Twist 100 Recessed LED/940, 25° DALI 600mA RAL9016
25.0010.01.940.650	Twist 100 Recessed LED/940, 25° 650mA RAL9016
25.0010.01.940.650.DALI	Twist 100 Recessed LED/940, 25° DALI 650mA RAL9016
25.0010.01.940.700	Twist 100 Recessed LED/940, 25° 700mA RAL9016
25.0010.01.940.700.DALI	Twist 100 Recessed LED/940, 25° DALI 700mA RAL9016
25.0010.02.930.250	Twist 100 Recessed LED/930, 25° 250mA RAL9006
25.0010.02.930.250.DALI	Twist 100 Recessed LED/930, 25° DALI 250mA RAL9006
25.0010.02.930.350	Twist 100 Recessed LED/930, 25° 350mA RAL9006
25.0010.02.930.350.DALI	Twist 100 Recessed LED/930, 25° DALI 350mA RAL9006
25.0010.02.930.450	Twist 100 Recessed LED/930, 25° 450mA RAL9006
25.0010.02.930.450.DALI	Twist 100 Recessed LED/930, 25° DALI 450mA RAL9006
25.0010.02.930.500	Twist 100 Recessed LED/930, 25° 500mA RAL9006
25.0010.02.930.500.DALI	Twist 100 Recessed LED/930, 25° DALI 500mA RAL9006
25.0010.02.930.600	Twist 100 Recessed LED/930, 25° 600mA RAL9006
25.0010.02.930.600.DALI	Twist 100 Recessed LED/930, 25° DALI 600mA RAL9006
25.0010.02.930.650	Twist 100 Recessed LED/930, 25° 650mA RAL9006
25.0010.02.930.650.DALI	Twist 100 Recessed LED/930, 25° DALI 650mA RAL9006
25.0010.02.930.700	Twist 100 Recessed LED/930, 25° 700mA RAL9006
25.0010.02.930.700.DALI	Twist 100 Recessed LED/930, 25° DALI 700mA RAL9006

Miejsce i data wystawienia dokumentu

Warszawa, 24.01.2022



MIROSLAW RAKOCZY
V-ce PREZES

Kod	Nazwa
25.0010.02.940.250	Twist 100 Recessed LED/940, 25° 250mA RAL9006
25.0010.02.940.250.DALI	Twist 100 Recessed LED/940, 25° DALI 250mA RAL9006
25.0010.02.940.350	Twist 100 Recessed LED/940, 25° 350mA RAL9006
25.0010.02.940.350.DALI	Twist 100 Recessed LED/940, 25° DALI 350mA RAL9006
25.0010.02.940.450	Twist 100 Recessed LED/940, 25° 450mA RAL9006
25.0010.02.940.450.DALI	Twist 100 Recessed LED/940, 25° DALI 450mA RAL9006
25.0010.02.940.500	Twist 100 Recessed LED/940, 25° 500mA RAL9006
25.0010.02.940.500.DALI	Twist 100 Recessed LED/940, 25° DALI 500mA RAL9006
25.0010.02.940.600	Twist 100 Recessed LED/940, 25° 600mA RAL9006
25.0010.02.940.600.DALI	Twist 100 Recessed LED/940, 25° DALI 600mA RAL9006
25.0010.02.940.650	Twist 100 Recessed LED/940, 25° 650mA RAL9006
25.0010.02.940.650.DALI	Twist 100 Recessed LED/940, 25° DALI 650mA RAL9006
25.0010.02.940.700	Twist 100 Recessed LED/940, 25° 700mA RAL9006
25.0010.02.940.700.DALI	Twist 100 Recessed LED/940, 25° DALI 700mA RAL9006
25.0010.03.930.250	Twist 100 Recessed LED/930, 25° 250mA RAL9005
25.0010.03.930.250.DALI	Twist 100 Recessed LED/930, 25° DALI 250mA RAL9005
25.0010.03.930.350	Twist 100 Recessed LED/930, 25° 350mA RAL9005
25.0010.03.930.350.DALI	Twist 100 Recessed LED/930, 25° DALI 350mA RAL9005
25.0010.03.930.450	Twist 100 Recessed LED/930, 25° 450mA RAL9005
25.0010.03.930.450.DALI	Twist 100 Recessed LED/930, 25° DALI 450mA RAL9005
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25.0010.03.930.500.DALI	Twist 100 Recessed LED/930, 25° DALI 500mA RAL9005
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25.0010.03.930.600.DALI	Twist 100 Recessed LED/930, 25° DALI 600mA RAL9005
25.0010.03.930.650	Twist 100 Recessed LED/930, 25° 650mA RAL9005
25.0010.03.930.650.DALI	Twist 100 Recessed LED/930, 25° DALI 650mA RAL9005
25.0010.03.930.700	Twist 100 Recessed LED/930, 25° 700mA RAL9005
25.0010.03.930.700.DALI	Twist 100 Recessed LED/930, 25° DALI 700mA RAL9005
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25.0010.03.940.650.DALI	Twist 100 Recessed LED/940, 25° DALI 650mA RAL9005
25.0010.03.940.700	Twist 100 Recessed LED/940, 25° 700mA RAL9005
25.0010.03.940.700.DALI	Twist 100 Recessed LED/940, 25° DALI 700mA RAL9005
25.0020.01.930.250	Twist 100 Recessed LED/930, 38° 250mA RAL9016
25.0020.01.930.250.DALI	Twist 100 Recessed LED/930, 38° DALI 250mA RAL9016

Miejsce i data wystawienia dokumentu

Warszawa, 24.01.2022



MIROSLAW-RAKOCZY
V-ce PREZES

Kod	Nazwa
25.0020.01.930.350	Twist 100 Recessed LED/930, 38° 350mA RAL9016
25.0020.01.930.350.DALI	Twist 100 Recessed LED/930, 38° DALI 350mA RAL9016
25.0020.01.930.450	Twist 100 Recessed LED/930, 38° 450mA RAL9016
25.0020.01.930.450.DALI	Twist 100 Recessed LED/930, 38° DALI 450mA RAL9016
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25.0020.02.930.250	Twist 100 Recessed LED/930, 38° 250mA RAL9006
25.0020.02.930.250.DALI	Twist 100 Recessed LED/930, 38° DALI 250mA RAL9006
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25.0020.02.930.450	Twist 100 Recessed LED/930, 38° 450mA RAL9006
25.0020.02.930.450.DALI	Twist 100 Recessed LED/930, 38° DALI 450mA RAL9006
25.0020.02.930.500	Twist 100 Recessed LED/930, 38° 500mA RAL9006
25.0020.02.930.500.DALI	Twist 100 Recessed LED/930, 38° DALI 500mA RAL9006
25.0020.02.930.600	Twist 100 Recessed LED/930, 38° 600mA RAL9006
25.0020.02.930.600.DALI	Twist 100 Recessed LED/930, 38° DALI 600mA RAL9006
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25.0020.02.930.700	Twist 100 Recessed LED/930, 38° 700mA RAL9006
25.0020.02.930.700.DALI	Twist 100 Recessed LED/930, 38° DALI 700mA RAL9006
25.0020.02.940.250	Twist 100 Recessed LED/940, 38° 250mA RAL9006
25.0020.02.940.250.DALI	Twist 100 Recessed LED/940, 38° DALI 250mA RAL9006
25.0020.02.940.350	Twist 100 Recessed LED/940, 38° 350mA RAL9006
25.0020.02.940.350.DALI	Twist 100 Recessed LED/940, 38° DALI 350mA RAL9006

Miejsce i data wystawienia dokumentu

Warszawa, 24.01.2022



MIROSLAW-RAKOCZY
V-ce PREZES

Kod	Nazwa
25.0020.02.940.450	Twist 100 Recessed LED/940, 38° 450mA RAL9006
25.0020.02.940.450.DALI	Twist 100 Recessed LED/940, 38° DALI 450mA RAL9006
25.0020.02.940.500	Twist 100 Recessed LED/940, 38° 500mA RAL9006
25.0020.02.940.500.DALI	Twist 100 Recessed LED/940, 38° DALI 500mA RAL9006
25.0020.02.940.600	Twist 100 Recessed LED/940, 38° 600mA RAL9006
25.0020.02.940.600.DALI	Twist 100 Recessed LED/940, 38° DALI 600mA RAL9006
25.0020.02.940.650	Twist 100 Recessed LED/940, 38° 650mA RAL9006
25.0020.02.940.650.DALI	Twist 100 Recessed LED/940, 38° DALI 650mA RAL9006
25.0020.02.940.700	Twist 100 Recessed LED/940, 38° 700mA RAL9006
25.0020.02.940.700.DALI	Twist 100 Recessed LED/940, 38° DALI 700mA RAL9006
25.0020.03.930.250	Twist 100 Recessed LED/930, 38° 250mA RAL9005
25.0020.03.930.250.DALI	Twist 100 Recessed LED/930, 38° DALI 250mA RAL9005
25.0020.03.930.350	Twist 100 Recessed LED/930, 38° 350mA RAL9005
25.0020.03.930.350.DALI	Twist 100 Recessed LED/930, 38° DALI 350mA RAL9005
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25.0020.03.930.650.DALI	Twist 100 Recessed LED/930, 38° DALI 650mA RAL9005
25.0020.03.930.700	Twist 100 Recessed LED/930, 38° 700mA RAL9005
25.0020.03.930.700.DALI	Twist 100 Recessed LED/930, 38° DALI 700mA RAL9005
25.0020.03.940.250	Twist 100 Recessed LED/940, 38° 250mA RAL9005
25.0020.03.940.250.DALI	Twist 100 Recessed LED/940, 38° DALI 250mA RAL9005
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25.0020.03.940.500	Twist 100 Recessed LED/940, 38° 500mA RAL9005
25.0020.03.940.500.DALI	Twist 100 Recessed LED/940, 38° DALI 500mA RAL9005
25.0020.03.940.600	Twist 100 Recessed LED/940, 38° 600mA RAL9005
25.0020.03.940.600.DALI	Twist 100 Recessed LED/940, 38° DALI 600mA RAL9005
25.0020.03.940.650	Twist 100 Recessed LED/940, 38° 650mA RAL9005
25.0020.03.940.650.DALI	Twist 100 Recessed LED/940, 38° DALI 650mA RAL9005
25.0020.03.940.700	Twist 100 Recessed LED/940, 38° 700mA RAL9005
25.0020.03.940.700.DALI	Twist 100 Recessed LED/940, 38° DALI 700mA RAL9005

Miejsce i data wystawienia dokumentu

Warszawa, 24.01.2022



MIROSLAW RAKOCZY
V-ce PREZES