

This declaration of Conformity is issued under the sole responsibility of the manufacturer

The designated product(s) is (are) in conformity with the provisions of the following European Directives:

<b>2014/35/EU &amp; amendments</b>	Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.
<b>2014/30/EU &amp; amendments</b>	Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility
<b>2009/125/EC &amp; amendments</b>	Directive of the European Parliament and of the Council of 21 October 2009 on the establishing a framework for the setting of ecodesign requirements for energy-related products.
<b>2011/65/EU &amp; amendments</b>	Directive of the European Parliament and of the Council of 6 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
<b>COMMISSION REGULATION (EU) 2019/2020 &amp; amendments</b>	Laying down ecodesign requirements for light sources and separate control gears (Single Lighting Regulation)

Product(s): See attached pages

Type Designation:

## Rana LED Surface G2 Product Range

The conformity of the designated products(s) with the provisions of the European Directives is given by compliance with the following European standard(s) (the latest amendment applies in any case).

Applicable Standards:

EN60598.1:2015  
EN60598.2.1:1989

Luminaires - Part 1: General requirements and tests.  
Luminaires - Part2.1: Particular requirements for fixed general purpose Luminaires.

EN62493:2015  
EN62471:2008  
EN55015:2019+A11:2020  
EN61000.3.2:2019  
EN61000-3-3:2013+A1:2019

Assessment of lighting equipment related to human exposure to electromagnetic fields.  
Photobiological safety of lamps and lamp systems.  
Limits and methods of measurement of radio disturbance characteristics of electric lighting and similar equipment.  
Electromagnetic compatibility (EMC) – limits for harmonic current emissions (equipment input current  $\leq$  16A per phase).  
Electromagnetic compatibility (EMC) – limits of voltage changes. Voltage fluctuations and flicker in public low voltage supply system, for equipment with rated  $\leq$  16A per phase and not subjected to conditional connection,  
Equipment for general lighting purposes – EMC immunity requirements.  
Technical document for the assessment of electrical & electronic products with respect to the restriction of hazardous substances

CE first affixed: 2017  
Date of issue: 23/05/2022  
Place of issue: Newhaven

TDF-NEW-17-008-Rana LED Surface refers

**Revision History:**

Revision	Date	Subject
A	03/05/17	EC DoC created
B	04/05/17	Rename - not T13 - Rana LED Gen 2
C	25/05/17	description changed from QR to SSO01 where applicable
D	26/09/17	descriptions changed by PLM
E	07/11/17	SSO SKUs removed and transferred to 17-069
F	29/03/18	directives and standards revised
G	19/07/18	Changed EC to EU and added statement on header
H	09/10/18	moved emergencies to 18-071
I	04/02/2019	CL10760 & skus added
J	06/05/21	SKUs added for retail
K	23/05/22	commission regulation added, EMC standards and address updated

Item	Description
0051454	RANA LED S 600 LO 3K LOUV+PRI
0051455	RANA LED S 600 LO 3K LOUV+PRI D
0051456	RANA LED S 600 LO 3K LOUV+PRI 1-10
0051458	RANA LED S 600 LO 4K LOUV+PRI
0051459	RANA LED S 600 LO 4K LOUV+PRI D
0051460	RANA LED S 600 LO 4K LOUV+PRI 1-10
0051465	RANA LED S 600 HO 3K LOUV+PRI
0051466	RANA LED S 600 HO 3K LOUV+PRI D
0051467	RANA LED S 600 HO 3K LOUV+PRI 1-10
0051469	RANA LED S 600 HO 4K LOUV+PRI
0051470	RANA LED S 600 HO 4K LOUV+PRI D
0051471	RANA LED S 600 HO 4K LOUV+PRI 1-10
0051476	RANA LED S 1200 LO 3K LOUV+PRI
0051477	RANA LED S 1200 LO 3K LOUV+PRI D
0051478	RANA LED S 1200 LO 3K LOUV+PRI 1-10
0051480	RANA LED S 1200 LO 4K LOUV+PRI
0051481	RANA LED S 1200 LO 4K LOUV+PRI D
0051482	RANA LED S 1200 LO 4K LOUV+PRI 1-10
0051487	RANA LED S 1200 HO 3K LOUV+PRI
0051488	RANA LED S 1200 HO 3K LOUV+PRI D
0051489	RANA LED S 1200 HO 3K LOUV+PRI 1-10
0051491	RANA LED S 1200 HO 4K LOUV+PRI
0051492	RANA LED S 1200 HO 4K LOUV+PRI D
0051493	RANA LED S 1200 HO 4K LOUV+PRI 1-10
0051501	RANA LED S 1500 LO 3K LOUV+PRI
0051502	RANA LED S 1500 LO 3K LOUV+PRI D
0051505	RANA LED S 1500 LO 4K LOUV+PRI
0051506	RANA LED S 1500 LO 4K LOUV+PRI D
0051527	RANA LED S 1500 HO 3K LOUV+PRI
0051528	RANA LED S 1500 HO 3K LOUV+PRI D
0051531	RANA LED S 1500 HO 4K LOUV+PRI
0051532	RANA LED S 1500 HO 4K LOUV+PRI D
0050581	SUSPENSION KIT RANA SQUARE
0051667	ANBAUL. UGR<19 1.2M 28W 3100LM 840 1-FL.
0051668	ANBAUL. UGR<19 1.2M 52W 6000LM 840 2-FL.
0051669	ANBAUL. UGR<19 1.5M 34W 4000LM 840 1-FL.
0051670	ANBAUL. UGR<19 1.5M 62W 7500LM 840 2-FL.
0051720	RANA LED S 600 LO TW LOUV+PRI D
0051722	RANA LED S 600 HO TW LOUV+PRI D
0051724	RANA LED S 1200 LO TW LOUV+PRI D
0051726	RANA LED S 1200 HO TW LOUV+PRI D
0051728	RANA LED S 1500 LO TW LOUV+PRI D
0051730	RANA LED S 1500 HO TW LOUV+PRI D
5050568	RANA ACC FULL SUSP + POWER 3CORE SET 1W
5050571	RANA ACC FULL SUSP + POWER 5CORE SET 2W
5050574	RANA ACC FULL SUSP + POWER 3CORE SET 1T
5050577	RANA ACC FULL SUSP + POWER 5CORE SET 2T
5050580	RANA ACC SUSP + TW 3CORE 1200 SET 3
5050583	RANA ACC SUSP + TW 5CORE 1200 SET 4
5050586	RANA ACC SUSP + TW 3CORE 1500 SET 5

