

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:

2014/35/EU & amendments

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.

2014/30/EU & amendments  
2009/125/EC & amendments  
2011/65/EU & amendments

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  
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.  
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.

Product(s): See attached pages

Type Designation:

## Start Flat Panel LED ZNK 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

Luminaires - Part 1: General requirements and tests.

EN60598.2.2:2012

Luminaires - Part 2.2: 'Particular requirements for recessed general purpose Luminaires'.

EN62493:2015  
EN62471:2008  
EN55015:2013+A1:2015  
EN61000.3.2:2014  
EN61000.3.3:2013  
EN61547:2009  
EN50581:2012

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: 01/12/2020  
Place of issue: Newhaven

TDF-NEW-17-018-Start Flat Panel LED ZNK refers

Revision History:

Revision	Date	Subject
A	24/05/17	EC DoC Created
B	19/06/17	AEC 17-014 updated/skus added - changed title to ZK (Zhejiang Ningbo Klite) moved SKUs from 15-012 as same supplier
C	20/06/17	SKUs moved over from 15-012 to consolidate same supplier
D	23/06/17	adding 0047579 / CL9218 to scope & tdf
E	13/07/17	CL9797 added for SM frames, skus added
F	30/08/17	AEC TDF 15-012 updated to 2015
G	13/08/18	EM standard removed / SKU 0047579 moved onto 18-047 (CL9218)
H	23/08/18	600x600 frame added
I	11/12/2018	AEC 16-067 reviewed by Budapest, SKU list updated & linked on Hybris
J	06/02/2019	updated 600 x 600 frame added
K	12/03/2019	reports added to TDF to support SKU 0047747
L	15/04/2019	AEC 18-065 adding SM kits
M	20/05/2019	AEC 18-030 added
N	01/11/2019	obsolete items removed
O	09/01/2019	AEC TDF 18-065 updated to VC, SM Kit SKUs added
P	27/04/2020	AEC TDF 18-065 updated to VD, SM Kit SKU added
Q	25/09/2020	AEC TDF updated to VE, suspension kits added
R	01/12/2020	AEC TDF 18-065 updated to VF, SKU added

Item	Description
2994891	600X600 STARTLED SUS FRAME STE WHT
2994827	600X600 STARTLED SUS FRAME
0044032	OPTICLIP 600 SURFACE & SUSPENDED KIT
0044033	OPTICLIP 1200 SURFACE & SUSPENDED KIT
0047002	START FLAT SM FRAME 600 G2
0047003	START FLAT SM FRAME 1200 G2
0047197	Surface Mounting Kit 600x600x70mm
0047198	Surface Mounting Kit 1200x300x70mm
0047199	Surface Mounting Kit 625x625x70mm
0047265	START Panel Flat 600x600 Surface Mounting Kit G2
0047266	START Panel Flat 625x625 Surface Mounting Kit G2
0047267	START Panel Flat 1200x300 Surface Mounting Kit G2
0047268	START Panel Flat 1200x600 Surface Mounting Kit G2
0047269	SURFACE MOUNTING KIT 1200X600X70MM
0047414	START FLAT PANEL LED 1200 WW DALI
0047415	START FLAT PANEL LED 1200 NW DALI
0047416	PLASTERBOARD FRAME 600
0047417	PLASTERBOARD FRAME 625
0047418	PLASTERBOARD FRAME 1200X300
0047419	S PANEL FLAT 1200X300 SM KIT G2 4PCS
0047430	START FLAT UGR19 600 4000K G2
0047431	START FLAT UGR19 600 3000K G2
0047432	START FLAT PANEL LED 1200X600 NW
0047438	START FLAT PANEL LED 1200 WW
0047439	START FLAT PANEL LED 1200 WW
0047440	START FLAT PANEL LED 600 NW 4000K
0047441	START FLAT PANEL LED 600 WW 3000K
0047442	START FLAT PANEL LED 625 NW 4000K
0047443	START FLAT PANEL LED 625 WW 3000K
0047515	START FLAT PANEL LED 600 WW DALI
0047516	START FLAT PANEL LED 600 NW DALI
0047517	START FLAT PANEL LED SUSPENSION KIT
0047519	START FLAT PANEL LED 625 WW DALI
0047529	START FLAT PANEL LED 625 NW DALI
0047535	MEA START FLAT PANEL 600 NW IP44
0047557	START FLAT PANEL LED 1200X600 WW
0047577	START FLAT UGR19 625 3000K G2
0047578	START FLAT UGR19 625 4000K G2
0047592	START FLAT PLASTERBOARD FIX
0047634	START FLAT UGR19 1200 3000K G2
0047635	START FLAT UGR19 1200 4000K G2
0047636	START FLAT UGR19 600 3000K DALI G2
0047637	START FLAT UGR19 600 4000K DALI G2
0047638	START FLAT UGR19 1200 3000K DALI G2
0047639	START FLAT UGR19 1200 4000K DALI G2

0047640	START FLAT UGR19 625 3000K DALI G2
0047641	START FLAT UGR19 625 4000K DALI G2
0047642	START FLAT LO 600 3000K G2
0047643	START FLAT LO 600 4000K G2
0047644	START FLAT HE 600 3000K G2
0047645	START FLAT HE 600 4000K G2
0047646	START FLAT HE 600 3000K DALI G2
0047647	START FLAT HE 600 4000K DALI G2
0047668	ST PANEL FLAT UGR19 600 DALI 4150LM 840
0047746	START FLAT G2 UGR19 600 840 W/O DRVR
0047750	START FLAT 600 3000K G2
0047751	START FLAT 600 4000K G2
0047752	START FLAT 600 3000K DALI G2
0047753	START FLAT 600 4000K DALI G2
0047754	START FLAT 625 3000K G2
0047755	START FLAT 625 4000K G2
0047756	START FLAT 625 3000K DALI G2
0047757	START FLAT 625 4000K DALI G2
0047758	START FLAT 1200 3000K G2
0047759	START FLAT 1200 4000K G2
0047760	START FLAT 1200X600 3000K G2
0047761	START FLAT 1200X600 4000K G2
0047762	START FLAT 1200 3000K DALI G2
0047763	START FLAT 1200 4000K DALI G2
0047767	START KIT CAR G2 600 3000K
0047768	START KIT CAR G2 600 3500K
0047769	START KIT CAR G2 600 4000K
0047770	START KIT CAR G2 1200 3000K
0047771	START KIT CAR G2 1200 3500K
0047772	START KIT CAR G2 1200 4000K
0047773	START KIT CAR G2 1200X60 3000K
0047774	START KIT CAR G2 1200X600 3500K
0047775	START KIT CAR G2 1200X600 4000K
0048358	START Eco Panel Flat UGR19 600x600 3000lm 830
0048359	START Eco Panel Flat UGR19 600x600 3000lm 840
0048360	START Eco Panel Flat UGR19 600x600 3000lm 865
P47643D	START FLAT LO DRIVER 47643
PP47440DR	START FLAT DRIVER 47440
PP47515	START FLAT 600 830 W/O DRVR
PP47516	START FLAT 600 840 W/O DRVR
PP47519	START FLAT 625 830 W/O DRVR
PP47529	START FLAT 625 840 W/O DRVR
PP47636	START FLAT G2 UGR19 600 830 W/O DRVR
PP47637	START FLAT G2 UGR19 600 840 W/O DRVR
PP47638	START FLAT G2 UGR19 1200 830 W/O DRVR
PP47639	START FLAT G2 UGR19 1200 840 W/O DRVR
PP47640	START FLAT G2 UGR19 625 830 W/O DRVR
PP47641	START FLAT G2 UGR19 625 840 W/O DRVR
PP47645DR	START FLAT DRIVER HE 47645
PP47646	START FLAT HE 600 830 W/O DRIVER
PP47647	START FLAT HE 600 840 W/O DRIVER
PP47756	START FLAT G2 625 830 W/O DRVR
PP47757	START FLAT G2 625 840 W/O DRVR
PP47762	START FLAT G2 1200 830 W/O DRVR
PP47763	START FLAT G2 1200 840 W/O DRVR