PHILIPS

Philips Lighting

CE CE	**EU Declaration of Conformity**

We, Philips Lighting
I.B.R.S./C.C.R.I./Numéro 10461
5600 VB Eindhoven, The Netherlands

Internal Ref. No.: 0108/A/PLP
Year in which CE Mark was first affixed: 17

Declare under our responsibility for the product(s):

Product Range:	**NAME:** ClearWay gen.2 - family **DESCRIPTION:** Luminaires for road and street lighting
Product Code:	BGP307… II… - series (see Annex 1, see page 2 to 3)

The designated product(s) is (are) in conformity with the essential requirements of the following European Directives and harmonized standards:

Radio Equipment Directive (RED) , 2014/53/EU

- EN 60598-1:2015   Luminaires. Part 1: General requirements and tests
- EN 60598-2-3:2003/A1:2011   Luminaires. Part 2-3: Particular requirements - Luminaires for road and street lighting
- EN 62471:2008   Photobiological safety of lamps and lamp system
- EN 55015:2013   Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61547:2009   Equipment for general lighting purposes - EMC immunity requirements
- EN 61000-3-2:2014   Limits for ($\leq$ 16A per phase) harmonic currents emission
- EN 61000-3-3:2013   Limits. (Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rate current $\leq$ 16A)
- ETSI EN 301 489-17:2012-09   Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU

- EN 50581:2012   Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Additional requirements

- EN 62493:2010   Assessment of lighting equipment related to human exposure to electromagnetic fields

The **Notified Body PL-3 - ITE PREDOM Division** performed testing and certification process and issued the **certificate ENEC30.**

and is/are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

Eindhoven, September 25th, 2017 High Tech Campus 48 5656 AE Eindhoven The Netherlands	**Ronny Schepmans** Quality Manager Business Professional Europe Signature:

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EU Declaration of Conformity Annex 1

We, Philips Lighting
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Declare under our responsibility for the product(s):

Product Code: ClearWay gen.2 - family

List of the luminaires

Choice sheet of the luminaires ClearWay gen2...II... - series:
Example:

BGP307 LW10 LED120/740 II DM MSP CLO P1-7 SRG10 C450CE D 48/60 BWP

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Designations used on the marking of luminaries:

1. BGP307	- Code of the series – with alu cover
2. LWFP	- CityTouch with future proof se
2. LWCO	- CityTouch contract
2. LW1	- CityTouch with 1 year service
2. LW5	- CityTouch with 5 years service
2. LW10	- CityTouch with 10 years service
3. LED25…LED109	- LEDGINE flux(x100) [lumen] range: from LED25 to LED109
	For ClearWay gen2 – core version
3. LED18…LED120-4S	- LEDGINE flux(x100) [lumen] range: from LED18 to LED120
	For ClearWay gen2 – 4S version
4. 740/830/757	- LEDGINE version/color – CRI>70, NW 4000K
	CRI>80, WW 3000K
	CRI>70, WW 5000K
5. II	- Safety Class II
6. DM/DW/DX	- Optic DM, DW, DX – Road distribution – core version
6. DM../DN../DS50/DW../DX../DPL1/DPR1	- Optic DM10, DM11, DM12, DM13, DM30, DM31, DM32, DM33, DM50, DM70, DN09, DN10, DN11, DN33, DN50, DS50, DW10, DW50, DW52, DX10, DX50, DX51, DX70, DPL1, DPR1 – Road distribution – 4S version
7. MSP	- Marine salt protected coating
7. ALU	- Unpainted
7. GR	- Color painting – RAL7035 color
7. DGR	- Color painting – Philips Ult Dark Grey RAL10714
7. RAL	- Color painting – RAL colors
7. CLRCH	- Color painting – Akzo colors
8. D9	- Dimming via external communication DALI
8. D11/D12	- Dimming via line switch
8. D13	- Mains dimming (Ampdim)
8. D18	- DynaDimmer integrated in drive
8. D24	- DynaDimmer int. DALI unprog.
8. CLO	- Constant lumen output
8. DDF1/DDF2/DDF3/DDF…	- DynaDimmer with fixed presets version
8. LS-6/LS-8	- DynaDimmer with fixed presets version / Lumistep 6/8 hours 50%
8. CLO-DDF1/CLO-DDF2/CLO-DDF3/CLO-DDF…	- CLO + DynaDimmer with fixed presets version

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8. CLO-LS-6/CLO-LS-8	-	CLO + DynaDimmer with fixed presets version / Lumistep 6/8 hours
9. P1-7	-	Nema socket for photocell
9. CTG-35/55/70	-	Light Wave, set for35/55/70 lx
10. SRG10	-	10kV Surge Protection Device
11. C22K-2...C4K-2, C22K-4...C4K-4	-	POWER CABLE H07 RN-F 3X1,5MM^2 – 22M - 4M

POWER CABLE H07 RN-F 5X1,5MM^2 – 22M - 4M

POWER CABLE H07 RN-F 3X2,5MM^2 – 22M - 4M

POWER CABLE H07 RN-F 3X1MM^2 – 22M - 4M

POWER CABLE H07 RN-F 5X1MM^2 – 22M - 4M

POWER CABLE H05 VV-F 3X1,5MM^2 – 22M - 4M

POWER CABLE H05 VV-F 5X1,5MM^2 – 22M - 4M

POWER CABLE H05 VV-F 3X2,5MM^2 – 22M - 4M

POWER CABLE H05 VV-FP 3X1,5MM^2 – 22M - 4M

POWER CABLE H05 VV-FP 5X1,5MM^2 – 22M - 4M

POWER CABLE H05 VV-FP 3X2,5MM^2 – 22M - 4M

POWER CABLE H05 RR-F 3X1,5MM^2 – 22M - 4M

POWER CABLE H05 RR-F 5X1,5MM^2 – 22M - 4M

POWER CABLE H07 BQ-F 3X1,5MM^2 – 22M - 4M

POWER CABLE H07 BQ-F 5X1,5MM^2 – 22M - 4M

POWER CABLE H05 VV-U 3X1,5MM^2 – 22M - 4M

POWER CABLE H05 VV-U 5X1,5MM^2 – 22M - 4M

POWER CABLE RTR 3X1,5MM^2 – 22M - 4M

POWER CABLE RTR 5X1,5MM^2 – 22M – 4M

POWER CABLE FQQ 300/500V 3X1,5MM^2 – 22M - 4M

POWER CABLE FQQ 300/500V 5X1,5MM^2 – 22M - 4M

12. -	-	Cable finish - Standard (no cable insulated)
12. CE7	-	Cable finish - CEE connector with 7 conductor , power cable whit connector Colosio M140MN_2 / M140MN_4
12. B	-	Protective earth wire insulated
12. D	-	Cable finish - Protective earth wire and gray wire insulated
12. F	-	Cable finish - Gray wire insulated
12. L	-	Cable finish - Protective earth wire, gray wire and black wire insulated
12. Q	-	Cable finish - Gray wire and black wire insulated
13. 32/48	-	Type of spigot
13. 48/60	-	Type of spigot
13. 76	-	Type of spigot
13. 32/76	-	Type of spigot
13. 48/76	-	Type of spigot
13. 76	-	Type of spigot
14. BWP	-	Type of packaging - multipack
14. CP	-	Type of packaging – carton box

Eindhoven, September 25th, 2017	**Ronny Schepmans**
High Tech Campus 48	Quality Manager
5656 AE Eindhoven The Netherlands	Business Professional Europe
	Signature: