



## EU Declaration of Conformity

Document No.: 0001/A/LVD

Year in which CE Mark was first affixed: 19

**Manufacturer: Signify**

I.B.R.S./C.C.R.I./Numero 10461  
5600 VB Eindhoven, The Netherlands

**This declaration of conformity is issued under the sole responsibility of the manufacturer.**

<b>Product Range:</b>	<b>NAME:</b> ClearWay gen2 family - see annex <b>DESCRIPTION:</b> Luminaires for road and street lighting
<b>Product Code:</b>	BGP307...-series 220-240V 50/60Hz PF>0.9 IP66 IK08 class I/class II 35°C

**The designated products are in conformity with the following Union harmonization legislation and with the applicable requirements of the following harmonized standards and technical specifications:**

<p><b>Low Voltage Directive (LVD), 2014/35/EU</b></p> <ul style="list-style-type: none"> <li>EN 60598-1:2015+A1+A2</li> <li>EN 60598-2-3:2003 + A1:2011+AC:2005</li> <li>EN 62493:2015</li> </ul>
<p><b>Electromagnetic compatibility Directive (EMC), 2014/30/EU</b></p> <ul style="list-style-type: none"> <li>EN 55015:2013</li> <li>EN 61000-3-2:2014</li> <li>EN 61000-3-3:2013</li> <li>EN 61547:2009</li> </ul>
<p><b>EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures</b></p> <ul style="list-style-type: none"> <li>1194/2012</li> </ul>
<p><b>Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU</b></p> <ul style="list-style-type: none"> <li>EN 50581:2012</li> </ul>

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

**Eindhoven, 29<sup>th</sup> of January 2019**

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5656 AE Eindhoven, The Netherlands

**Peter Linssen**  
Head of Quality  
RBU Prof Europe



SIGNATURE .....



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### ANNEX

#### Specification of the products:

##### List of the luminaires

Choice sheet of the luminaires ClearWay gen2...I... - series:

*Example:*

BGP307 LED120/740 I DM MSP CLO BL1 P3-35 SRG10 C450CE D 48/60 BWP

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Designations used on the marking of luminaires:

- |  |   |
|--|---|
| <p>1. BGP307</p>                             | <ul style="list-style-type: none"> <li>- Code of the series – with alu cover</li> </ul>   |
| <p>2. LED25...LED109</p>                     | <ul style="list-style-type: none"> <li>- LEDGINE flux(x100) [lumen] range: from LED25 to LED109<br/>For ClearWay gen2 – core version</li> </ul>   |
| <p>2. LED6...LED130-4S</p>                   | <ul style="list-style-type: none"> <li>- LEDGINE flux(x100) [lumen] range: from LED6 to LED130<br/>For ClearWay gen2 – 4S version</li> </ul>  |
| <p>3. 740/830/757/420/518</p>                | <ul style="list-style-type: none"> <li>- LEDGINE version/color – CRI&gt;70, NW 4000K<br/>CRI&gt;80, WW 3000K<br/>CRI&gt;70, WW 5000K<br/>Clearstar + NW<br/>Clearstar + WW</li> </ul>   |
| <p>4. I</p>                                  | <ul style="list-style-type: none"> <li>- Safety Class I or Class II</li> </ul>  |
| <p>5. DM/DW/DX</p>                           | <ul style="list-style-type: none"> <li>- Optic DM, DW, DX – Road distribution – core version</li> </ul>   |
| <p>5. DM../DN../DS50/DW../DX../DPL1/DPR1</p> | <ul style="list-style-type: none"> <li>- Optic DM10, DM11, DM12, DM13, DM30, DM31, DM32, DM33, DM50, DM70, DN08, DN09, DN10, DN11, DN26, DN33, DN50, DS50, DW10, DW50, DW52, DX10, DX50, DX51, DX70, DRM1, DRM2, DRN1, DRN2, DPL1, DPR1 – Road distribution – 4S version</li> </ul> |
| <p>6. MSP</p>                                | <ul style="list-style-type: none"> <li>- Marine salt protected coating</li> </ul>   |
| <p>6. ALU</p>                                | <ul style="list-style-type: none"> <li>- Unpainted</li> </ul>   |
| <p>6. GR</p>                                 | <ul style="list-style-type: none"> <li>- Color painting – RAL7035 color</li> </ul>  |
| <p>6. DGR</p>                                | <ul style="list-style-type: none"> <li>- Color painting – Philips Ult Dark Grey RAL10714</li> </ul>   |
| <p>6. RAL</p>                                | <ul style="list-style-type: none"> <li>- Color painting – RAL colors</li> </ul>   |
| <p>6. CLRCH</p>                              | <ul style="list-style-type: none"> <li>- Color painting – Akzo colors</li> </ul>  |
| <p>7. D9</p>                                 | <ul style="list-style-type: none"> <li>- Dimming via external communication DALI</li> </ul>   |
| <p>7. D11/D12</p>                            | <ul style="list-style-type: none"> <li>- Dimming via line switch</li> </ul>   |
| <p>7. D13</p>                                | <ul style="list-style-type: none"> <li>- Mains dimming (Ampdim)</li> </ul>  |
| <p>7. D18</p>                                | <ul style="list-style-type: none"> <li>- DynaDimmer integrated in drive</li> </ul>  |
| <p>7. D24</p>                                | <ul style="list-style-type: none"> <li>- DynaDimmer int. DALI unprog.</li> </ul>  |
| <p>7. D28</p>                                | <ul style="list-style-type: none"> <li>- Dimming via coded mains voltage</li> </ul>   |
| <p>7. CLO</p>                                | <ul style="list-style-type: none"> <li>- Constant lumen output</li> </ul>   |
| <p>7. DDF1/DDF2/DDF3/DDF...</p>              | <ul style="list-style-type: none"> <li>- DynaDimmer with fixed presets version</li> </ul>   |

