

Philips Lighting



EU Declaration of Conformity

Document No.: 0111/A/PLP
Year in which CE Mark was first affixed: 2017

Manufacturer: Philips Lighting

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

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

Product Range:	NAME: Malaga LED DESCRIPTION: Luminaires for road and street lighting
Product Code:	BRP102 LED55, LED75, LED110/740 class I, class II BRP101 LED37/740 class I, class II ~220-240V, 50/60Hz, IP65, IK08 Ta35C See appendix I for details

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:

Low Voltage Directive (LVD), 2014/35/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

Electromagnetic compatibility Directive (EMC), 2014/30/EU

- EN 55015:2013 and similar equipment Limits and methods of measurements of radio disturbance characteristics of electrical lighting
- 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 rated current $\leq 16A$)

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 product with respect to the restriction of hazardous substances

EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures

- 1194/2012 Directional lamps, light emitting diode lamps and related equipment.

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

Eindhoven, December 22nd, 2017
High Tech Campus 48
5656 AE Eindhoven The Netherlands

Ronny Schepmans
Quality Manager
Business Professional Europe

Signature



Philips Lighting

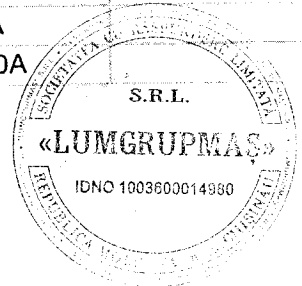


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Specification of the products:

10/12NC	EAN	Product Description	Remarks
910925865338		BRP101 LED37/740 DM 42-60A	
910925865339		BRP101 LED37/740 II DM 42-60A	
910925865340		BRP102 LED55/740 DM 42-60A	
910925865341		BRP102 LED55/740 II DM 42-60A	
910925865342		BRP102 LED75/740 DM 42-60A	
910925865343		BRP102 LED75/740 II DM 42-60A	
910925865344		BRP102 LED110/740 DM 42-60A	
910925865345		BRP102 LED110/740 II DM 42-60A	



DEKRA

CERTIFICATE

Number: 91936

The management system of the organization(s) and locations mentioned on the addendum belonging to:

Philips Electronics Nederland B.V.**Philips Innovation Services**
High Tech Campus 37
5656 AE Eindhoven
The Netherlands

including the implementation meets the requirements of the standard:

ISO 14001:2015

Scope:

Design, development and manufacture for third parties of electronic, optical, mechatronic and software devices, components thereof and prototypes, including provision of related services, secondment and consultancy.

The provision of consultancy services, instrumentation services, delivery of industrial and chemical supplies and collection and disposal of chemical waste for the High Tech Campus location in Eindhoven

Certificate expiry date: 1 February 2021

Certificate effective date: 7 February 2018

Certified since: 1 February 2000

This certificate is valid for the organization(s) and/or locations mentioned on the addendum.

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Directoring. A.A.M. Laan
Certification Manager

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DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, The Netherlands
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SCCM





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High Tech Campus 37
5656 AE Eindhoven
The Netherlands

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ISO 9001:2015

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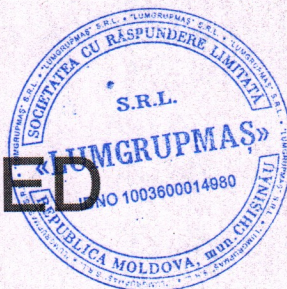
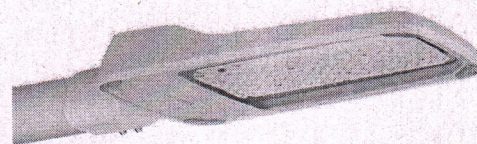


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PHILIPS

Lighting



CoreLine Malaga LED

BRP102 LED110/740 II DM

CoreLine Malaga LED large - LED module 11000 lm - Power supply unit - Clasa de siguranță II - Distribution medium - Universal for diameter 42-60 mm adjustable

Familia CoreLine Malaga LED este proiectată pentru aplicații rutiere, stradale și rezidențiale. Familia este formată din corpuri de două dimensiuni diferite și folosește un motor LED Philips cu design standardizat, ca sursă de lumină, și un balast Philips Xitanium pentru exterior, cu ieșire fixă. Calitate pe care vă puteți baza. CoreLine Malaga LED a fost proiectat pentru a fi cât se poate de eficient, îndeplinind aceeași sarcină ca modelele de corpuri de iluminat SON-T de 50, 70, 100 și 150 W pe care le înlocuiește; furnizează cantitatea potrivită de lumină, la locul potrivit. Sistemul optic cu fascicul luminos mediu (DM) oferă o distribuție a luminii eficientă pe șosea. Această combinație asigură economii de energie cu adevărat interesante, care reduc costurile operaționale semnificativ. Reducerea cu 50% a consumului de energie devine o perspectivă realistă. În același timp, investiția într-un corp de iluminat CoreLine Malaga LED se situează la același nivel de preț ca un corp de iluminat SON-T, dacă includem și prima lampă. Cum motorul de lumină LED din CoreLine Malaga LED are aceeași durată de viață ca și corpul de iluminat, simpla economisire a multiplelor înlocuiri de lămpi necesare cu SON-T se traduce deja prin amortizarea investiției. Ușurința în instalare se obține datorită garniturii de etanșare extinse; corpul de iluminat nu trebuie deschis pentru a cupla cablul de alimentare. În același timp, capacul din sticlă dreaptă poate fi îndepărtat, pentru a permite accesul la balast, atunci când sunt necesare lucrări de întreținere. Dacă analizați toate funcțiile și caracteristicile oferite, alegerea unui CoreLine Malaga LED devine o decizie ușoară. Ca orice membru al familiei CoreLine, Malaga LED este ușor și rapid de achiziționat, prin intermediul partenerilor Philips situați în apropierea dvs. Pur și simplu eficient.

Catalog de date

CoreLine Malaga LED

General Information	
Cod familie lămpi	LED110 [LED module 11000 lm]
Culoare sursă de lumină	Alb neutru 740
Sursă de lumină înlocuibilă	Nu
Număr de unități de echipament	1 unit
Balast/unitate de alimentare/transformator	PSU [Power supply unit]
Balast inclus	Da
Capac optic/tip lentilă	FG [Sticla plata]
Lățime flux luminos corp de iluminat	-
Interfață de comandă	-
Conectare	Conector push-in cu eliberare a tragerii
Cablu	-
Clasă de protecție IEC	Clasa de siguranță II
Marcaj de inflamabilitate	NO [-]
Marcaj CE	CE mark
Marcaj ENEC	-
Perioadă de garanție	5 ani
Optic type outdoor	Distribution medium
Flux luminos constant	No
Număr de produse pe MCB	11
Marcaj RoHS	RoHS mark
LED engine type	LED
Product Family Code	BRP102 [CoreLine Malaga LED large]
Light Technical	
Randament luminos orientat în sus	0
Unghi standard de înclinare în vârf de stâlp	-
Unghi standard de înclinare pentru montare pe braț	0°
Operating and Electrical	
Tensiune de intrare	220 to 240 V
Frecvență de intrare	De la 50 până la 60 Hz
Consum de curent CLO inițial	N/A W
Consum de curent CLO mediu	N/A W
Consum de curent CLO final	N/A W
Curentul de pornire	46 A
Timp de pornire	440 ms
Factor de putere (min.)	0.97
Controls and Dimming	
Cu reglarea intensității luminoase	Nu
Mechanical and Housing	
Material carcasă	Aluminiu turnat sub presiune
Material reflector	-
Material sistem optic	Polymethyl methacrylate
Capac optic/material lentilă	Sticlă securizată
Material fixare	Aluminum

Dispozitiv de montare	42/60A [Universal for diameter 42-60 mm adjustable]
Capac optic/formă lentilă	Flat
Capac optic/finisaj lentilă	Transparent
Lungime totală	493 mm
Lățime totală	217 mm
Înălțime totală	79 mm
Diametru total	520 mm
Effective projected area	0.22526 m²

Approval and Application

Cod protecție împotriva infiltrărilor	IP65 [Protejat împotriva pătrunderii prafului, protejat împotriva jeturilor de apă]
Cod de protecție împotriva impactului mecanic	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Flux luminos inițial	9006 lm
Toleranță flux luminos	+/-7%
Randament luminos LED inițial	111 lm/W
Valoare inițială Temperatură de culoare corelată	4000 K
Valoare inițială Indice de redare a culorii	70
Cromatică inițială	(0.41, 0.39) SDCM ≤5
Putere de intrare inițială	83 W
Toleranță consum de curent	+/-11%

Over Time Performance (IEC Compliant)

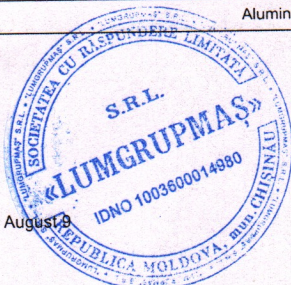
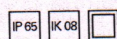
Rată de defectare balast la 5.000 h	0.05 %
Viață utilă L80B10	75000 h
Întreținere la un flux luminos la durata de viață utilă de 100.000 h, la 25 °C	N/A

Application Conditions

Interval temperatură ambientală	-30 to +35 °C
Performance ambient temperature Tq	25 °C
Nivel diminuare maximă	Not applicable

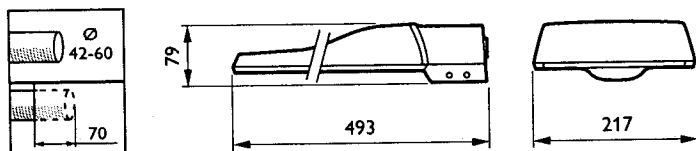
Product Data

Cod complet produs	871869699822900
Nume comandă produs	BRP102 LED110/740 II DM
EAN/UPC - Produs	8718696998229
Cod de comandă	99822900
Numărător - Cantitate per pachet	1
Numărător - Pachete per cutie exterioră	1
Material nr. (12NC)	910925865345
Greutate netă (bucată)	3.300 kg



CoreLine Malaga LED

Cote



CoreLine Malaga LED BRP101/102



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2018, August 9 - Informațiile pot fi modificate

