

PID:

04010011

CID:

C.1993.1534

Certificato di approvazione

Approval certificate



**IMQ, ente di certificazione accreditato,
autorizza la ditta**

IMQ, accredited certification body, grants to

SGQ N° 005 A EMAS N° 003 P
SGA N° 006 D PRD N° 005 B
SGE N° 006 M PRS N° 080 C
SCR N° 005 F ISP N° 063 E
SSI N° 003 G LAB N° 0121
FSM N° 007 I LAT N° 021

Membro degli Accordi di Mutuo Riconoscimento
EA, IAF e ILAC

Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

**GEWISS SPA
VIA A. VOLTA 1
24069 CENATE SOTTO BG
IT - Italy**

all'uso del marchio

the licence to use the mark

ENEC 03,IMQ



Il presente certificato è stato rilasciato sotto la presunzione e subordinatamente al fatto che il concessionario detenga tutti i necessari diritti legali relativi ai prodotti presentati per le prove e la certificazione, descritti nell'Allegato al presente certificato; inoltre, esso è soggetto alle condizioni previste nel Regolamento "MARCHI IMQ - Regolamento per la certificazione di prodotti".

La validità dei certificati ENEC è verificabile sul sito www.enec.com

This certificate has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the products presented for testing and certification, and listed in the annex to this certificate; moreover, it is subjected to the conditions foreseen by Rules "IMQ MARKS - RULES for product certification".

Validity of ENEC licences can be checked at www.enec.com

per i seguenti prodotti

for the following products

**Apparecchi di illuminazione
stradale
(Serie ROAD [5])**

*Luminaires for road and street
lighting
(Series ROAD [5])*

Emesso il | Issued on **2017-07-20**

Aggiornato il | Updated on **2017-10-09**

Sostituisce | Replaces **2017-07-20**



IMQ S.p.A.

cosign

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2017-07-20
Aggiornato il / Updated on 2017-10-09
Sostituisce / Replaces 2017-07-20

Prodotto | Product

Apparecchi di illuminazione stradale Luminaires for road and street lighting

Concessionario | Licence Holder

GEWISS SPA
VIA A. VOLTA 1
24069 CENATE SOTTO BG
IT - Italy

Marchio | Mark



ENEC
03,IMQ

Costruito a | Manufactured at

96007037	C03893845	24060	CASAZZA	BG	Italy
95001625	CLGEWI.C04LCGEWI.C	24069	CENATE SOTTO	BG	Italy

Copia del presente certificato deve essere conservata presso i luoghi di produzione sopra elencati.

Copy of this certificate must be available at the manufacturing places listed above

Norme / Specifiche tecniche

Prodotto/i conforme/i alle Norme/Specifiche tecniche:

EN 60598-1:2015
EN 60598-2-3:2003 + A1:2011
IEC/TR 62778:2014
EN 62493:2015
Limitazioni ENEC all. B
Prodotti conformi agli obiettivi di sicurezza della Direttiva B.T.
2014/35/UE (Allegato I).

Standards / Technical specifications

Product/s complying to Standards/Technical specifications:

EN 60598-1:2015
EN 60598-2-3:2003 + A1:2011
IEC/TR 62778:2014
EN 62493:2015
ENEC Limitation encl. B
Products meeting the safety objectives of Low Voltage Directive
2014/35/EU (Annex I).

Rapporti | Test Reports

AI17-0012551-01; AI16-0002258-01

Caratteristiche tecniche | Technical characteristics

Tensione nominale / Rated voltage	220-240V
Tipo di installazione / Type of installation	su testa palo, braccio a muro, braccio palo / on the post top, pipe, mast arm
Classificazione del materiale del piano di appoggio / Classification according to material of supporting surface	normalmente incombustibile / normally flammable
Classe di isolamento / Degree of protection (class)	I
Temperatura ambiente / Ambient temperature	vedere Allegato / see Annex
Serie / Series	ROAD [5]
Gruppo di rischio / Risk group	vedere Allegato / see Annex

Articoli (con dettagli) | Articles (with details)

AR.R00660

Marca / Trade mark	GEWISS
N.lampade/Pn / No.lamps/Rw	vedere Allegato / see Annex
Attacco lamp./tipo / Lamp cap/type	vedere Allegato / see Annex
Rif. di tipo / Type ref.	vedere Allegato / see Annex
IP /	IP66

Componenti | Component List



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Rea Milano 1595884
Registro Imprese Milano 12898410159
C.F./P.I. 12898410159
Capitale Sociale €4.000.000

CA04.09398

SN.R000PW

Vedere apposito elenco /See relevant annex

Emesso il | Issued on **2017-07-20**

Aggiornato il | Updated on **2017-10-09**

Sostituisce | Replaces **2017-07-20**

Diritti di concessione | Annual Fees

SN.R000PW

BTR.040100.DD23

*Importo modelli ENEC - 0401 - Apparecchi di illuminazione e accessori | ENEC models - 0401 -
Luminaires*

1

Luminaires with WIDE optics

Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 713	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 713B	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 713M	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 713V	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 714	ROAD [5] MEDIUM 4M 4000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	2 x 6 LED	4000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 714B	ROAD [5] MEDIUM 4M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	2 x 6 LED	4000 K	1,0 A	153 W	220-240 V 50/60 Hz
GW R5 714M	ROAD [5] MEDIUM 4M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	2 x 6 LED	4000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 715	ROAD [5] MEDIUM 5M 4000K 0,85A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	4000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 715B	ROAD [5] MEDIUM 5M 4000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	4000 K	0,85 A	161 W	220-240 V 50/60 Hz
GW R5 715M	ROAD [5] MEDIUM 5M 4000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	4000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 716	ROAD [5] MEDIUM 6M 4000K 0,85A Class I IP66 Stand-alone	40 °C	WIDE optics	3 x 6 LED	4000 K	0,85 A	165 W	220-240 V 50/60 Hz
GW R5 716B	ROAD [5] MEDIUM 6M 4000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	3 x 6 LED	4000 K	0,85 A	187 W	220-240 V 50/60 Hz
GW R5 716M	ROAD [5] MEDIUM 6M 4000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	3 x 6 LED	4000 K	0,85 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 71330K	ROAD [5] MEDIUM 3M 3000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 713B30K	ROAD [5] MEDIUM 3M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 713M30K	ROAD [5] MEDIUM 3M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 71430K	ROAD [5] MEDIUM 4M 3000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 714B30K	ROAD [5] MEDIUM 4M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	2 x 6 LED	3000 K	1,0 A	153 W	220-240 V 50/60 Hz
GW R5 714M30K	ROAD [5] MEDIUM 4M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	2 x 6 LED	3000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 71530K	ROAD [5] MEDIUM 5M 3000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	2 x 6 LED	3000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 715B30K	ROAD [5] MEDIUM 5M 3000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	3000 K	0,85 A	161 W	220-240 V 50/60 Hz
GW R5 715M30K	ROAD [5] MEDIUM 5M 3000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	3000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 71630K	ROAD [5] MEDIUM 6M 3000K 0,85A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	3000 K	0,85 A	165 W	220-240 V 50/60 Hz
GW R5 716B30K	ROAD [5] MEDIUM 6M 3000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	3 x 6 LED	3000 K	0,85 A	187 W	220-240 V 50/60 Hz
GW R5 716M30K	ROAD [5] MEDIUM 6M 3000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	3 x 6 LED	3000 K	0,85 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 71357K	ROAD [5] MEDIUM 3M 5700K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 713B57K	ROAD [5] MEDIUM 3M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 713M57K	ROAD [5] MEDIUM 3M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 71457K	ROAD [5] MEDIUM 4M 5700K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 714B57K	ROAD [5] MEDIUM 4M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	2 x 6 LED	5700 K	1,0 A	153 W	220-240 V 50/60 Hz
GW R5 714M57K	ROAD [5] MEDIUM 4M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	2 x 6 LED	5700 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 71557K	ROAD [5] MEDIUM 5M 5700K 0,85A Class I IP66 Stand-alone	40 °C	WIDE optics	2 x 6 LED	5700 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 715B57K	ROAD [5] MEDIUM 5M 5700K 0,85A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	5700 K	0,85 A	161 W	220-240 V 50/60 Hz
GW R5 715M57K	ROAD [5] MEDIUM 5M 5700K 0,85A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	5700 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 71657K	ROAD [5] MEDIUM 6M 5700K 0,85A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED 2 x 6 LED	5700 K	0,85 A	165 W	220-240 V 50/60 Hz
GW R5 716B57K	ROAD [5] MEDIUM 6M 5700K 0,85A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	3 x 6 LED	5700 K	0,85 A	187 W	220-240 V 50/60 Hz
GW R5 716M57K	ROAD [5] MEDIUM 6M 5700K 0,85A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	3 x 6 LED	5700 K	0,85 A	159 W	220-240 V 50/60 Hz



Allegato al Certificato di Approvazione
Appendix to the Approval Certificate

CA04.09398

Emesso / Issued 2017-07-20
Data di aggiornamento / Updated on 2017-10-09
Sostituisce / Replaces 2017-07-20

Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 773	ROAD [5] MEDIUM 3M 4000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 773B	ROAD [5] MEDIUM 3M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	81 W	220-240 V 50/60 Hz
GW R5 773M	ROAD [5] MEDIUM 3M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 774	ROAD [5] MEDIUM 4M 4000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 774B	ROAD [5] MEDIUM 4M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	2 x 6 LED	4000 K	0,7 A	108 W	220-240 V 50/60 Hz
GW R5 774M	ROAD [5] MEDIUM 4M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	2 x 6 LED	4000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 775	ROAD [5] MEDIUM 5M 4000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	2 x 6 LED	4000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 775B	ROAD [5] MEDIUM 5M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	4000 K	0,7 A	134 W	220-240 V 50/60 Hz
GW R5 775M	ROAD [5] MEDIUM 5M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	4000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 776	ROAD [5] MEDIUM 6M 4000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	4000 K	0,7 A	159 W	220-240 V 50/60 Hz
GW R5 776B	ROAD [5] MEDIUM 6M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	3 x 6 LED	4000 K	0,7 A	161 W	220-240 V 50/60 Hz
GW R5 776M	ROAD [5] MEDIUM 6M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	3 x 6 LED	4000 K	0,7 A	159 W	220-240 V 50/60 Hz

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Questo allegato ha validità solo se visto con il certificato di pagina 1.
This appendix is only valid in conjunction with page 1 of the certificate.

Allegato / Annex 1
Pag.4/20

IMQ S.p.A.
Product Certification Specialist
B.U. Product Conformity Assessment



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 77330K	ROAD [5] MEDIUM 3M 3000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 773B30K	ROAD [5] MEDIUM 3M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	81 W	220-240 V 50/60 Hz
GW R5 773M30K	ROAD [5] MEDIUM 3M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 77430K	ROAD [5] MEDIUM 4M 3000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 774B30K	ROAD [5] MEDIUM 4M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	2 x 6 LED	3000 K	0,7 A	108 W	220-240 V 50/60 Hz
GW R5 774M30K	ROAD [5] MEDIUM 4M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	2 x 6 LED	3000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 77530K	ROAD [5] MEDIUM 5M 3000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	2 x 6 LED	3000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 775B30K	ROAD [5] MEDIUM 5M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	3000 K	0,7 A	134 W	220-240 V 50/60 Hz
GW R5 775M30K	ROAD [5] MEDIUM 5M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	3000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 77630K	ROAD [5] MEDIUM 6M 3000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	3000 K	0,7 A	159 W	220-240 V 50/60 Hz
GW R5 776B30K	ROAD [5] MEDIUM 6M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	3 x 6 LED	3000 K	0,7 A	161 W	220-240 V 50/60 Hz
GW R5 776M30K	ROAD [5] MEDIUM 6M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	3 x 6 LED	3000 K	0,7 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 77357K	ROAD [5] MEDIUM 3M 5700K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 773B57K	ROAD [5] MEDIUM 3M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	81 W	220-240 V 50/60 Hz
GW R5 773M57K	ROAD [5] MEDIUM 3M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 77457K	ROAD [5] MEDIUM 4M 5700K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 774B57K	ROAD [5] MEDIUM 4M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	2 x 6 LED	5700 K	0,7 A	108 W	220-240 V 50/60 Hz
GW R5 774M57K	ROAD [5] MEDIUM 4M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	2 x 6 LED	5700 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 77557K	ROAD [5] MEDIUM 5M 5700K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	2 x 6 LED	5700 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 775B57K	ROAD [5] MEDIUM 5M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	5700 K	0,7 A	134 W	220-240 V 50/60 Hz
GW R5 775M57K	ROAD [5] MEDIUM 5M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	5700 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 77657K	ROAD [5] MEDIUM 6M 5700K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED 2 x 6 LED	5700 K	0,7 A	159 W	220-240 V 50/60 Hz
GW R5 776B57K	ROAD [5] MEDIUM 6M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	3 x 6 LED	5700 K	0,7 A	161 W	220-240 V 50/60 Hz
GW R5 776M57K	ROAD [5] MEDIUM 6M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	3 x 6 LED	5700 K	0,7 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 613	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 613B	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 613M	ROAD [5] MEDIUM 3M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 614	ROAD [5] MEDIUM 4M 4000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 614B	ROAD [5] MEDIUM 4M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	2 x 6 LED	4000 K	1,0 A	153 W	220-240 V 50/60 Hz
GW R5 614M	ROAD [5] MEDIUM 4M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	2 x 6 LED	4000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 615	ROAD [5] MEDIUM 5M 4000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	2 x 6 LED	4000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 615B	ROAD [5] MEDIUM 5M 4000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	4000 K	0,85 A	161 W	220-240 V 50/60 Hz
GW R5 615M	ROAD [5] MEDIUM 5M 4000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	4000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 616	ROAD [5] MEDIUM 6M 4000K 0,85A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	4000 K	0,85 A	165 W	220-240 V 50/60 Hz
GW R5 616B	ROAD [5] MEDIUM 6M 4000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	3 x 6 LED	4000 K	0,85 A	187 W	220-240 V 50/60 Hz
GW R5 616M	ROAD [5] MEDIUM 6M 4000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	3 x 6 LED	4000 K	0,85 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 673	ROAD [5] MEDIUM 3M 4000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 673B	ROAD [5] MEDIUM 3M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	81 W	220-240 V 50/60 Hz
GW R5 673M	ROAD [5] MEDIUM 3M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 674	ROAD [5] MEDIUM 4M 4000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	4000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 674B	ROAD [5] MEDIUM 4M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	2 x 6 LED	4000 K	0,7 A	108 W	220-240 V 50/60 Hz
GW R5 674M	ROAD [5] MEDIUM 4M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	2 x 6 LED	4000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 675	ROAD [5] MEDIUM 5M 4000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	2 x 6 LED	4000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 675B	ROAD [5] MEDIUM 5M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	4000 K	0,7 A	134 W	220-240 V 50/60 Hz
GW R5 675M	ROAD [5] MEDIUM 5M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	4000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 676	ROAD [5] MEDIUM 6M 4000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	4000 K	0,7 A	159 W	220-240 V 50/60 Hz
GW R5 676B	ROAD [5] MEDIUM 6M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	3 x 6 LED	4000 K	0,7 A	161 W	220-240 V 50/60 Hz
GW R5 676M	ROAD [5] MEDIUM 6M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	3 x 6 LED	4000 K	0,7 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 61330K	ROAD [5] MEDIUM 3M 3000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 613B30K	ROAD [5] MEDIUM 3M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 613M30K	ROAD [5] MEDIUM 3M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 61430K	ROAD [5] MEDIUM 4M 3000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 614B30K	ROAD [5] MEDIUM 4M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	2 x 6 LED	3000 K	1,0 A	153 W	220-240 V 50/60 Hz
GW R5 614M30K	ROAD [5] MEDIUM 4M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	2 x 6 LED	3000 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 61530K	ROAD [5] MEDIUM 5M 3000K 0,85A Class I IP66 Stand-alone	40 °C	HUGE optics	2 x 6 LED	3000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 615B30K	ROAD [5] MEDIUM 5M 3000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	3000 K	0,85 A	161 W	220-240 V 50/60 Hz
GW R5 615M30K	ROAD [5] MEDIUM 5M 3000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	3000 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 61630K	ROAD [5] MEDIUM 6M 3000K 0,85A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	3000 K	0,85 A	165 W	220-240 V 50/60 Hz
GW R5 616B30K	ROAD [5] MEDIUM 6M 3000K 0,85A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	3 x 6 LED	3000 K	0,85 A	187 W	220-240 V 50/60 Hz
GW R5 616M30K	ROAD [5] MEDIUM 6M 3000K 0,85A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	3 x 6 LED	3000 K	0,85 A	159 W	220-240 V 50/60 Hz



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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 67330K	ROAD [5] MEDIUM 3M 3000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 673B30K	ROAD [5] MEDIUM 3M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	81 W	220-240 V 50/60 Hz
GW R5 673M30K	ROAD [5] MEDIUM 3M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 67430K	ROAD [5] MEDIUM 4M 3000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	3000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 674B30K	ROAD [5] MEDIUM 4M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	2 x 6 LED	3000 K	0,7 A	108 W	220-240 V 50/60 Hz
GW R5 674M30K	ROAD [5] MEDIUM 4M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	2 x 6 LED	3000 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 67530K	ROAD [5] MEDIUM 5M 3000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	2 x 6 LED	3000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 675B30K	ROAD [5] MEDIUM 5M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	3000 K	0,7 A	134 W	220-240 V 50/60 Hz
GW R5 675M30K	ROAD [5] MEDIUM 5M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	3000 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 67630K	ROAD [5] MEDIUM 6M 3000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	3000 K	0,7 A	159 W	220-240 V 50/60 Hz
GW R5 676B30K	ROAD [5] MEDIUM 6M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	3 x 6 LED	3000 K	0,7 A	161 W	220-240 V 50/60 Hz
GW R5 676M30K	ROAD [5] MEDIUM 6M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	3 x 6 LED	3000 K	0,7 A	159 W	220-240 V 50/60 Hz

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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 61357K	ROAD [5] MEDIUM 3M 5700K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 613B57K	ROAD [5] MEDIUM 3M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	115 W	220-240 V 50/60 Hz
GW R5 613M57K	ROAD [5] MEDIUM 3M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	113 W	220-240 V 50/60 Hz
GW R5 61457K	ROAD [5] MEDIUM 4M 5700K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 614B57K	ROAD [5] MEDIUM 4M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	2 x 6 LED	5700 K	1,0 A	153 W	220-240 V 50/60 Hz
GW R5 614M57K	ROAD [5] MEDIUM 4M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	2 x 6 LED	5700 K	1,0 A	151 W	220-240 V 50/60 Hz
GW R5 61557K	ROAD [5] MEDIUM 5M 5700K 0,85A Class I IP66 Stand-alone	40 °C	HUGE optics	2 x 6 LED	5700 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 615B57K	ROAD [5] MEDIUM 5M 5700K 0,85A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	5700 K	0,85 A	161 W	220-240 V 50/60 Hz
GW R5 615M57K	ROAD [5] MEDIUM 5M 5700K 0,85A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	5700 K	0,85 A	159 W	220-240 V 50/60 Hz
GW R5 61657K	ROAD [5] MEDIUM 6M 5700K 0,85A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED 2 x 6 LED	5700 K	0,85 A	165 W	220-240 V 50/60 Hz
GW R5 616B57K	ROAD [5] MEDIUM 6M 5700K 0,85A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	3 x 6 LED	5700 K	0,85 A	187 W	220-240 V 50/60 Hz
GW R5 616M57K	ROAD [5] MEDIUM 6M 5700K 0,85A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	3 x 6 LED	5700 K	0,85 A	159 W	220-240 V 50/60 Hz



Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 67357K	ROAD [5] MEDIUM 3M 5700K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 673B57K	ROAD [5] MEDIUM 3M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	81 W	220-240 V 50/60 Hz
GW R5 673M57K	ROAD [5] MEDIUM 3M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	79 W	220-240 V 50/60 Hz
GW R5 67457K	ROAD [5] MEDIUM 4M 5700K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 1 x 6 LED	5700 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 674B57K	ROAD [5] MEDIUM 4M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	2 x 6 LED	5700 K	0,7 A	108 W	220-240 V 50/60 Hz
GW R5 674M57K	ROAD [5] MEDIUM 4M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	2 x 6 LED	5700 K	0,7 A	106 W	220-240 V 50/60 Hz
GW R5 67557K	ROAD [5] MEDIUM 5M 5700K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	2 x 6 LED	5700 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 675B57K	ROAD [5] MEDIUM 5M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	5700 K	0,7 A	134 W	220-240 V 50/60 Hz
GW R5 675M57K	ROAD [5] MEDIUM 5M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	5700 K	0,7 A	132 W	220-240 V 50/60 Hz
GW R5 67657K	ROAD [5] MEDIUM 6M 5700K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED 2 x 6 LED	5700 K	0,7 A	159 W	220-240 V 50/60 Hz
GW R5 676B57K	ROAD [5] MEDIUM 6M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	3 x 6 LED	5700 K	0,7 A	161 W	220-240 V 50/60 Hz
GW R5 676M57K	ROAD [5] MEDIUM 6M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	3 x 6 LED	5700 K	0,7 A	159 W	220-240 V 50/60 Hz



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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 711	ROAD [5] MINI 1M 4000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 711B	ROAD [5] MINI 1M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 711M	ROAD [5] MINI 1M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 711V	ROAD [5] MINI 1M 4000K 1,0A Class I IP66	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 712	ROAD [5] MINI 2M 4000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 6 LED	4000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 712B	ROAD [5] MINI 2M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 6 LED	4000 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 712M	ROAD [5] MINI 2M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 6 LED	4000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 712V	ROAD [5] MINI 2M 4000K 1,0A Class I IP66	40 °C	WIDE optics	1 x 6 LED	4000 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 731	ROAD [5] MINI 1M 4000K 0,35A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED	4000 K	0,35 A	13 W	220-240 V 50/60 Hz
GW R5 771	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 771B	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	28 W	220-240 V 50/60 Hz
GW R5 771M	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 772	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 6 LED	4000 K	0,7 A	53 W	220-240 V 50/60 Hz
GW R5 772B	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 6 LED	4000 K	0,7 A	54 W	220-240 V 50/60 Hz
GW R5 772M	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 6 LED	4000 K	0,7 A	53 W	220-240 V 50/60 Hz

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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 71130K	ROAD [5] MINI 1M 3000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 711B30K	ROAD [5] MINI 1M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 711M30K	ROAD [5] MINI 1M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 71230K	ROAD [5] MINI 2M 3000K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED	4000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 712B30K	ROAD [5] MINI 2M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 6 LED	4000 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 712M30K	ROAD [5] MINI 2M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 6 LED	4000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 73130K	ROAD [5] MINI 1M 3000K 0,35A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 6 LED	4000 K	0,35 A	13 W	220-240 V 50/60 Hz
GW R5 77130K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 6 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 771B30K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	28 W	220-240 V 50/60 Hz
GW R5 771M30K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 77230K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	53 W	220-240 V 50/60 Hz
GW R5 772B30K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED	4000 K	0,7 A	54 W	220-240 V 50/60 Hz
GW R5 772M30K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 6 LED	4000 K	0,7 A	53 W	220-240 V 50/60 Hz

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GW R5 71157K	ROAD [5] MINI 1M 5700K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED	5700 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 711B57K	ROAD [5] MINI 1M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 3 LED	5700 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 711M57K	ROAD [5] MINI 1M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 3 LED	5700 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 71257K	ROAD [5] MINI 2M 5700K 1,0A Class I IP66 Stand-alone	40 °C	WIDE optics	1 x 3 LED	5700 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 712B57K	ROAD [5] MINI 2M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	WIDE optics	1 x 6 LED	5700 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 712M57K	ROAD [5] MINI 2M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	WIDE optics	1 x 6 LED	5700 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 73157K	ROAD [5] MINI 1M 5700K 0,35A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 6 LED	5700 K	0,35 A	13 W	220-240 V 50/60 Hz
GW R5 77157K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 6 LED	5700 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 771B57K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED	5700 K	0,7 A	28 W	220-240 V 50/60 Hz
GW R5 771M57K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 3 LED	5700 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 77257K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Stand-alone	50 °C	WIDE optics	1 x 3 LED	5700 K	0,7 A	53 W	220-240 V 50/60 Hz
GW R5 772B57K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	WIDE optics	1 x 3 LED	5700 K	0,7 A	54 W	220-240 V 50/60 Hz
GW R5 772M57K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	WIDE optics	1 x 6 LED	5700 K	0,7 A	53 W	220-240 V 50/60 Hz

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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 611	ROAD [5] MINI 1M 4000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED	4000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 611B	ROAD [5] MINI 1M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED	4000 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 611M	ROAD [5] MINI 1M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED	4000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 612	ROAD [5] MINI 2M 4000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED	4000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 612B	ROAD [5] MINI 2M 4000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 6 LED	4000 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 612M	ROAD [5] MINI 2M 4000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 6 LED	4000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 631	ROAD [5] MINI 1M 4000K 0,35A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 6 LED	4000 K	0,35 A	13 W	220-240 V 50/60 Hz
GW R5 671	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 6 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 671B	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED	4000 K	0,7 A	28 W	220-240 V 50/60 Hz
GW R5 671M	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 672	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED	4000 K	0,7 A	53 W	220-240 V 50/60 Hz
GW R5 672B	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED	4000 K	0,7 A	54 W	220-240 V 50/60 Hz
GW R5 672M	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 6 LED	4000 K	0,7 A	53 W	220-240 V 50/60 Hz

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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 61130K	ROAD [5] MINI 1M 3000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED	3000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 611B30K	ROAD [5] MINI 1M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED	3000 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 611M30K	ROAD [5] MINI 1M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED	3000 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 61230K	ROAD [5] MINI 2M 3000K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED	3000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 612B30K	ROAD [5] MINI 2M 3000K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 6 LED	3000 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 612M30K	ROAD [5] MINI 2M 3000K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 6 LED	3000 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 63130K	ROAD [5] MINI 1M 3000K 0,35A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 6 LED	3000 K	0,35 A	13 W	220-240 V 50/60 Hz
GW R5 67130K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 6 LED	3000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 671B30K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED	3000 K	0,7 A	28 W	220-240 V 50/60 Hz
GW R5 671M30K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED	3000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 67230K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED	3000 K	0,7 A	53 W	220-240 V 50/60 Hz
GW R5 672B30K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED	3000 K	0,7 A	54 W	220-240 V 50/60 Hz
GW R5 672M30K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 6 LED	3000 K	0,7 A	53 W	220-240 V 50/60 Hz



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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 61157K	ROAD [5] MINI 1M 5700K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED	5700 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 611B57K	ROAD [5] MINI 1M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 3 LED	5700 K	1,0 A	39 W	220-240 V 50/60 Hz
GW R5 611M57K	ROAD [5] MINI 1M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 3 LED	5700 K	1,0 A	38 W	220-240 V 50/60 Hz
GW R5 61257K	ROAD [5] MINI 2M 5700K 1,0A Class I IP66 Stand-alone	40 °C	HUGE optics	1 x 3 LED	5700 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 612B57K	ROAD [5] MINI 2M 5700K 1,0A Class I IP66 Bi-power with self-learning	40 °C	HUGE optics	1 x 6 LED	5700 K	1,0 A	77 W	220-240 V 50/60 Hz
GW R5 612M57K	ROAD [5] MINI 2M 5700K 1,0A Class I IP66 Dimmable 1-10V	40 °C	HUGE optics	1 x 6 LED	5700 K	1,0 A	76 W	220-240 V 50/60 Hz
GW R5 63157K	ROAD [5] MINI 1M 5700K 0,35A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 6 LED	5700 K	0,35 A	13 W	220-240 V 50/60 Hz
GW R5 67157K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 6 LED	5700 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 671B57K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED	5700 K	0,7 A	28 W	220-240 V 50/60 Hz
GW R5 671M57K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 3 LED	5700 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 67257K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Stand-alone	50 °C	HUGE optics	1 x 3 LED	5700 K	0,7 A	53 W	220-240 V 50/60 Hz
GW R5 672B57K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Bi-power with self-learning	50 °C	HUGE optics	1 x 3 LED	5700 K	0,7 A	54 W	220-240 V 50/60 Hz
GW R5 672M57K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	HUGE optics	1 x 6 LED	5700 K	0,7 A	53 W	220-240 V 50/60 Hz

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Type Ref.	Description	ta	Type of optics	Light Source	CCT	LED Drive current	Input power	Rated voltage
GW R5 871M	ROAD [5] MINI 1M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	Cycle and pedestrian optics	1 x 3 LED	4000 K	0,7 A	13 W	220-240 V 50/60 Hz
GW R5 872M	ROAD [5] MINI 2M 4000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	Cycle and pedestrian optics	1 x 6 LED	4000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 871M30K	ROAD [5] MINI 1M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	Cycle and pedestrian optics	1 x 3 LED	3000 K	0,7 A	13 W	220-240 V 50/60 Hz
GW R5 872M30K	ROAD [5] MINI 2M 3000K 0,7A Class I IP66 Dimmable 1-10V	50 °C	Cycle and pedestrian optics	1 x 6 LED	3000 K	0,7 A	27 W	220-240 V 50/60 Hz
GW R5 871M57K	ROAD [5] MINI 1M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	Cycle and pedestrian optics	1 x 3 LED	5700 K	0,7 A	13 W	220-240 V 50/60 Hz
GW R5 872M57K	ROAD [5] MINI 2M 5700K 0,7A Class I IP66 Dimmable 1-10V	50 °C	Cycle and pedestrian optics	1 x 6 LED	5700 K	0,7 A	27 W	220-240 V 50/60 Hz

ROAD [O5] type (drive current and number of LEDs)	LED CCT	Optics	max cd/klm	lm	cd	E_{thr} LED module (lx)	d_{thr} (m)
1A 18 LED	5700 K	WIDE	622,8	23230	14468	943	3,92
1A 18 LED	5700 K	HUGE	14591	22076	660,9	943	3,93
0,7A 6 LED	5700 K	CYCLE- PEDESTRIANS	945,7	4069	3848	822	2,16

Thermal tests of clause 3.12 (12.4 of IEC 60598-1) were carried out also with inferior values of LED controlgear current output respect to the maximum current indicated on marking. The current limits at different ambient temperature are detailed in the following table:

ROAD [5]			Light source	LED controlgear	Max. LED controlgear current output			
					ta 50°C	ta 45°C	ta 40°C	
STAND-ALONE / DIMMABLE 1-10V and BI-POWER WITH SELF LEARNING	MINI	1A	3 LED	PHILIPS mod. Xi LP 40W 0.3-1.0A SI 230V S175 sXt	0,85 A	0,85 A	1 A	
			6 LED	PHILIPS mod. Xi LP 75W 0.3-1.0A SI 230V S240 sXt	0,85 A	0,85 A	1 A	
	MEDIUM	1A	9 LED	PHILIPS mod. Xi LP 150W 0.3-1.0A SI 230V S240 sXt	0,85 A	0,85 A	1 A	
			12 LED	PHILIPS mod. Xi LP 150W 0.3-1.0A SI 230V S240 sXt	0,85 A	0,85 A	1 A	
			15 LED	PHILIPS mod. Xi LP 150W 0.3-1.0A SI 230V S240 sXt	0,7 A	0,7 A	0,85 A	
			18 LED	PHILIPS mod. Xi LP 150W 0.3-1.0A SI 230V S240 sXt	0,7 A	0,7 A	0,85 A	
	MINI	0,7A	3 LED	PHILIPS mod. Xi LP 40W 0.2-0.7A SI 230V S175 sXt	0,7 A	0,7 A	0,7 A	
			6 LED	PHILIPS mod. Xi LP 75W 0.2-0.7A SI 230V S240 sXt	0,7 A	0,7 A	0,7 A	
	MEDIUM	0,7A	9 LED	PHILIPS mod. Xi LP 150W 0.2-0.7A SI 230V S240 sXt	0,7 A	0,7 A	0,7 A	
			12 LED	PHILIPS mod. Xi LP 150W 0.2-0.7A SI 230V S240 sXt	0,7 A	0,7 A	0,7 A	
			15 LED	PHILIPS mod. Xi LP 150W 0.2-0.7A SI 230V S240 sXt	0,7 A	0,7 A	0,7 A	
			18 LED	PHILIPS mod. Xi LP 150W 0.2-0.7A SI 230V S240 sXt	0,7 A	0,7 A	0,7 A	
	DALI	MINI	0,7A	3 LED	PHILIPS mod. Xi FP 40W 0.2-0.7A SNLDAE 230V S175 sXt	0,7 A	0,7 A	0,7 A
				6 LED	PHILIPS mod. Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	0,7 A	0,7 A	0,7 A
MEDIUM		0,7A	9 LED	PHILIPS mod. Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	0,7 A	0,7 A	0,7 A	
			12 LED	PHILIPS mod. Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	0,7 A	0,7 A	0,7 A	
			15 LED	PHILIPS mod. Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	0,7 A	0,7 A	0,7 A	
			18 LED	PHILIPS mod. Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	0,7 A	0,7 A	0,7 A	