



RoadFlair

BRP393 LED245/WW 183W 220-240V DM PSR

RoadFlair - 24503 lm - 183 W - 3000 K

Designed for major and city roads, Philips RoadFlair is a new and exciting product set to brighten your streets beyond imagination. Smartly-designed to bring cities the highest savings possible with best-in-class lumen per watt, this road lighting production comes at a competitive price bound to excite. Philips RoadFlair brings energy efficiency, improves a city's sustainability drive and delivers significant cost reduction in urban environments. The right road luminaire coupled with the right lighting application will create the best environment for your municipality, benefiting local communities and boosting tourism and businesses.

Product data

| General information | |
|--------------------------|---|
| Light source color | 730 warm white |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | Polycarbonate micro lens optic |
| Control interface | Analog |
| Connection | Mains outlet socket |
| Cable | - |
| Protection class IEC | Safety class I |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | CE mark |
| ENEC mark | - |
| Light source engine type | LED |
| Serviceability class | Class B, luminaire is equipped with some serviceable |
| | parts (when applicable): driver, control units, surge |
| | protection device, front cover and mechanical parts |
| · | · |

| Light technical | |
|--------------------------------|-------------------------------------|
| Standard tilt angle posttop | - |
| Standard tilt angle side entry | - |
| | |
| Operating and electrical | |
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 or 60 Hz |
| Power Factor (Min) | 0.9 |
| | |
| Controls and dimming | |
| Dimmable | Yes |
| | |
| Mechanical and housing | |
| Housing Material | Aluminum die cast |
| Optical cover/lens material | Polycarbonate |
| Mounting device | Side-entry for diameter 48 to 60 mm |
| Optical cover/lens shape | Ball, globular |

Datasheet, 2022, August 8 data subject to change

RoadFlair

| Optical cover/lens finish Frosted Overall length 651 mm Overall width 295 mm Overall height 86 mm Effective projected area 0.17 m² Color Gray Approval and application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 Initial chromaticity (0.43, 0.40) SDCM < 5 | | | |
|---|--|---|--|
| Overall width 295 mm Overall height 86 mm Effective projected area 0.17 m² Color Gray Approval and application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Optical cover/lens finish | Frosted | |
| Overall height 86 mm Effective projected area 0.17 m² Color Gray Approval and application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO8 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Overall length | 651 mm | |
| Effective projected area 0.17 m² Color Gray Approval and application Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Overall width | 295 mm | |
| Approval and application Ingress protection code | Overall height | 86 mm | |
| Approval and application Ingress protection code | Effective projected area | 0.17 m² | |
| Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Color | Gray | |
| Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | | | |
| Mech. impact protection code IKO8 [5 J vandal-protected] Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Approval and application | | |
| Initial performance (IEC compliant) Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Ingress protection code | IP66 [Dust penetration-protected, jet-proof] | |
| Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Mech. impact protection code | IKO8 [5 J vandal-protected] | |
| Initial luminous flux (system flux) 24503 lm Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | | | |
| Luminous flux tolerance +/-10% Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Initial performance (IEC compliant) | | |
| Initial LED luminaire efficacy 140 lm/W Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Initial luminous flux (system flux) 24503 lm | | |
| Init. Corr. Color Temperature 3000 K Init. Color Rendering Index >70 | Luminous flux tolerance | +/-10% | |
| Init. Color Rendering Index >70 | Initial LED luminaire efficacy | 140 lm/W | |
| | Init. Corr. Color Temperature | 3000 K | |
| Initial chromaticity (0.43, 0.40) SDCM < 5 | Init. Color Rendering Index | >70 | |
| | Initial chromaticity | (0.43, 0.40) SDCM < 5 | |

| Initial input power | 183 W |
|-----------------------------------|---------------------------------------|
| Power consumption tolerance | +/-10% |
| | |
| Application conditions | |
| Ambient temperature range | -40 to +50 °C |
| Maximum dim level | 10% |
| | |
| Product data | |
| Full product code | 911401867698 |
| Order product name | BRP393 LED245/WW 183W 220-240V DM PSR |
| Order code | 911401867698 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box 1 | |
| Material Nr. (12NC) | 911401867698 |
| Net Weight (Piece) | 7.999 kg |





Dimensional drawing



BRP393 LED245/WW 183W 220-240V DM PSR



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any $quotation\ or\ contract,\ unless\ otherwise\ agreed\ by\ Signify.\ Philips\ and\ the\ Philips\ Shield\ Emblem\ are\ registered$ trademarks of Koninklijke Philips N.V.