

OUTDOOR.

The selection of outdoor lighting fixtures available can help with any outdoor commercial lighting task. Proven components ensure lighting results with the lowest energy consumption. our luminaires are reliable and easy to install.



TAKTON

OUTDOOR LUMINAIRES

TECHNICAL INFORMATION

DESIGNATION CHEME



ADDITIONAL DESIGNATIONS:

DD – night dimming
NEMA – NEMA socket installed
CLO – CLO programmed
SR – Sensor ready driver
SP10 – surge protector 10kV
DALI – DALI managing system
ZH – Zhaga socket installed
MS – motion sensor installed

CONSTRUCTION AND MATERIALS

HOUSING

Die-cast powder coated aluminum housing with toughened extra clear flat glass
IP66 and IK08-IK09, place for Zhaga/Nema socket. Universal bracket for pos-top and side entry installation on diameter 40-60 or 76mm with tilt regulation -5-10+5+10+15dgr

LIGHT SOURCE

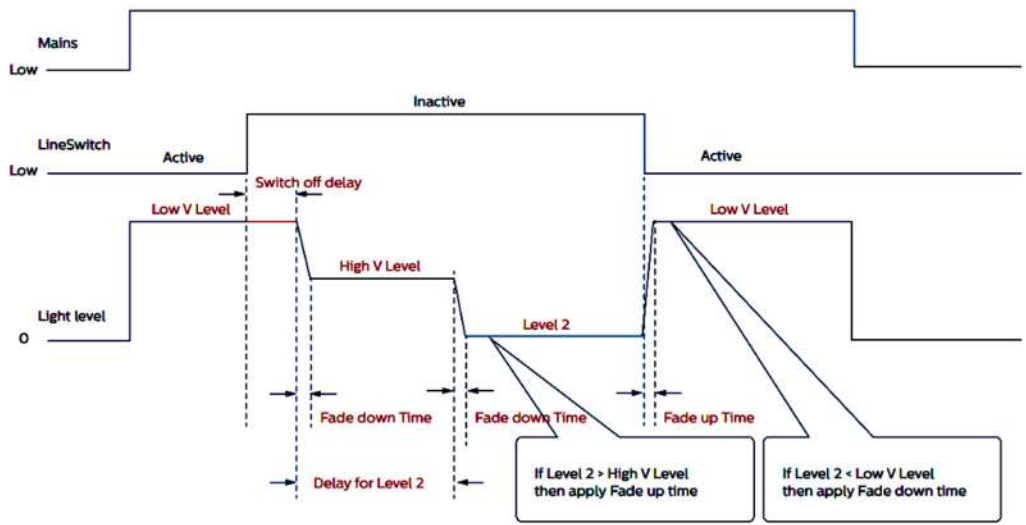
ZHAGA standard LED modules with individual LEDIL PMMA lenses,
Modules with OSRAM LED chips
High Power LED platform 4000K / CRI >70 for standard versions, 1700/3000/5000/5700K on request

DRIVER

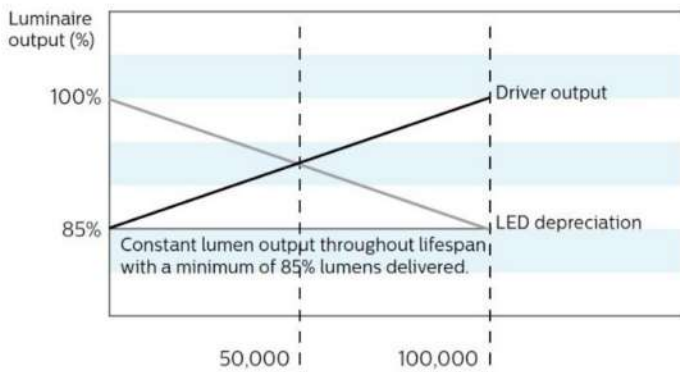
PHILIPS Xitanium Outdoor Fixed Current driver for standard versions
DALI/Dynadimmer/CLO/1-10V on request
6kV overvoltage protection for standard versions, up to 10 kV on request

PROGRAMMABLE OPTIONS

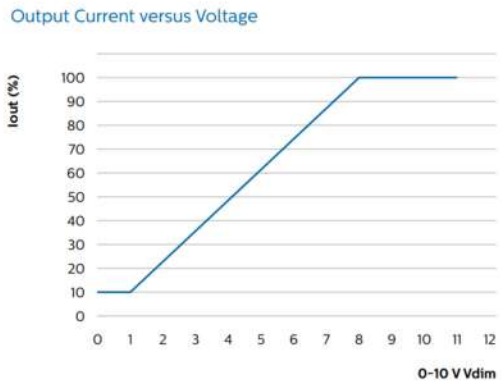
SINGLE WIRE SWITCHING – “LINE SWITCH”



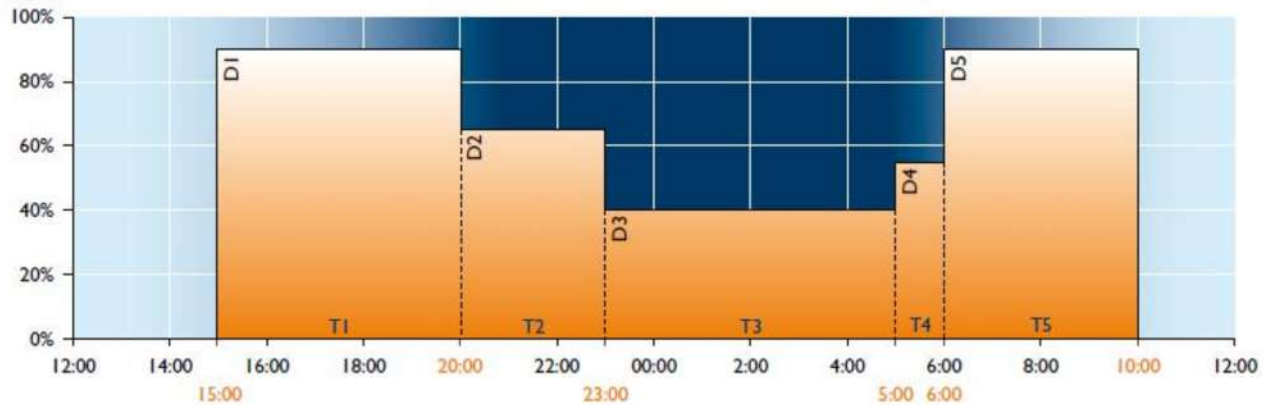
CONSTANT LIGHT OUTPUT – “CLO”



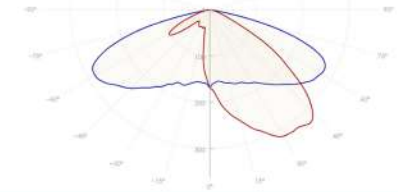
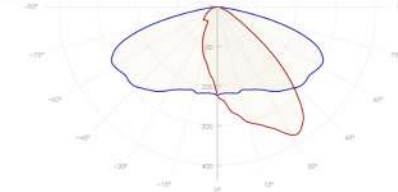
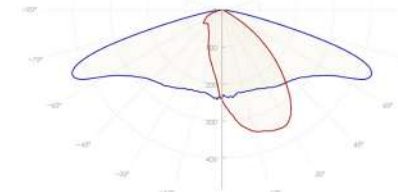
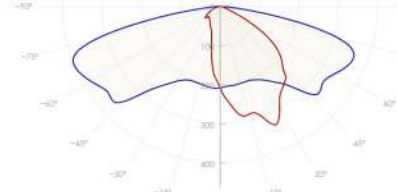
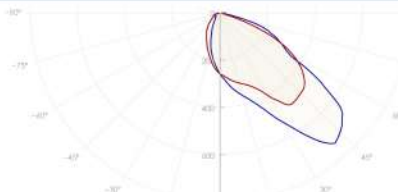
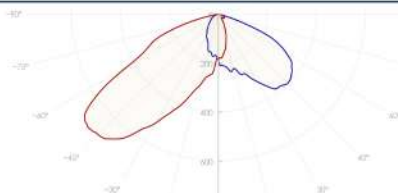

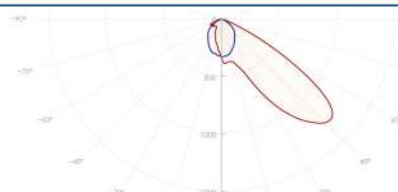
0-10V DIMMING

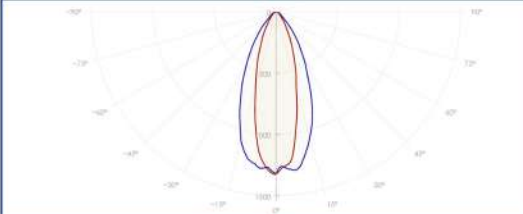
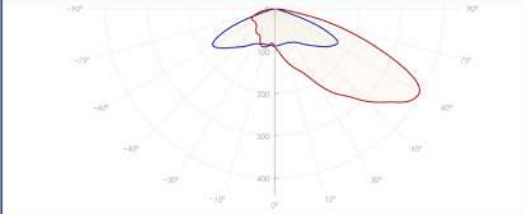
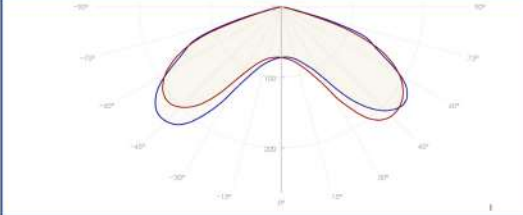
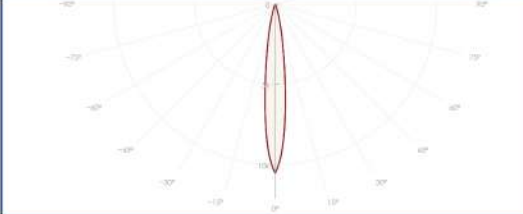
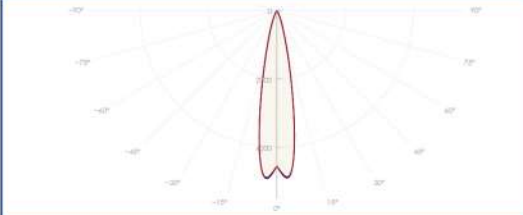

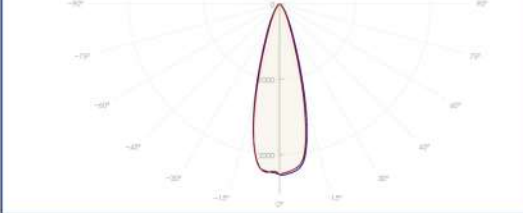
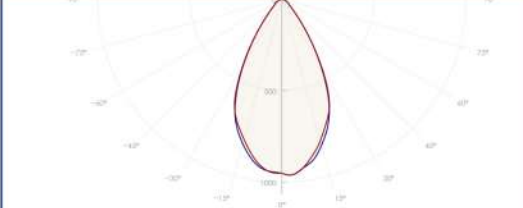


AUTO DIMMING – “DYNADIMMER”



OUTDOOR HIGHPOWER-OPTICS

| OPTIC NAME | APPLICATION | POLAR DIAGRAM |
|-------------|--|---|
| NB1 | Asymmetric for M and P class roads (balanced luminance – illuminance) that are equal to or wider than the mounting height, medium pole distances |  |
| NB2 | Asymmetric for M-class roads (luminance) that are equal to or wider than the mounting height, medium pole distances |  |
| NB3 | Asymmetric for M-class roads (luminance) where width is less than the mounting height, medium pole distances |  |
| WB | Asymmetric for M and P class roads (balance of luminance – illuminance) that are equal to or less than the mounting height, long pole distances |  |
| ASR | Double asymmetric for pedestrian crossings, right side traffic |  |
| ASL | Double asymmetric for pedestrian crossings, left side traffic |  |
| ASXN | Asymmetric narrow forward throw beam with optimized cut-off for area lighting |  |
| ASWD | Asymmetric medium wide forward throw beam with optimized cut-off for area lighting |  |

| OPTIC NAME | APPLICATION | POLAR DIAGRAM |
|---------------|--|--|
| QS3050 | Oval symmetric 30x50° |  |
| AST4 | Asymmetric wide forward throw beam for area lighting |  |
| WSD | Quad-symmetric wide for uniform area lighting |  |
| RS10 | Rotation symmetric 10° |  |
| RS20D | Rotation symmetric 20° |  |
| RS33D | Rotation symmetric 33° |  |
| RS48 | Rotation symmetric 48° |  |
| RS60D | Rotation symmetric 60° |  |

FLOODLIGHTING

Explore TAKTON floodlights.

Different wattages and a variety of Ledil optics. This allows you to choose a floodlight that meets your exact needs. The variety of configurations allows you to solve problems from sports lighting and architectural illumination of buildings to utilitarian lighting of outdoor areas and parking lots.



ODIN GEN2 DKF291

BENEFITS

Entry level LED luminaire with lowest initial capital investment
Slim aesthetic design
Essential reducing energy consumption with Philips driver
Reliable quality
Energy efficiency up to 140 lm/W
Asymmetrical and symmetrical optics

RoHS

IK08

230V



CE

IP66



ELECTRICAL PARAMETERS

Driver failure ratio: < 10% at 100 000 hours
Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request
Input Frequency: 50-60 Hz
LED current ripple %: < (4-30) depends on type
Mains voltage index: 220-240 V / 50-60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 18-35W depending on type
Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT: 1800K, 2800K, 3000K, 4000K, 5700K
Color rendering index, CRI: 70, CRI80 on request
Initial color shift, SDCM: < 5
Light distribution: Asymmetric for areas ASWD, AST4
Symmetric RS48, RS33, RS20D, RS10
Light source: Modules with OSRAM LED chips
LOR: up to 0,86
Luminaire lumen output range, lm:
2500...5500 LM depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH: 335x250x59,7 mm
Effective protected area: At horizontal position 0.052
Housing colour: Grey
Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
Impact resistance: IK08
Ingress protection: IP66
Installation options: U-shape mounting bracket fixed with standard bolts and nuts.
No need open for electrical connection
Optical cover: Extra clear toughened flat glass
Windage area: no more 0,083sq.m above/below and 0,02sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable as standard
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only, no internal cleaning required
Maintenance of lumen output: 100 000 hours – L90B10
Application: Billboards/advertising lighting
Landscape features
Security and amenity lighting
General lighting

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

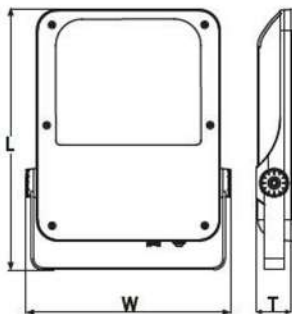
| Code | Type | Light output LM | Power consumption W | Weight kg |
|--------------|-----------------------------------|-----------------|---------------------|-----------|
| 600151431412 | DKF291 2500LM 18W 740 I AST4 IC0 | 2500 | 18 | 3.4 |
| 600151431430 | DKF291 2500LM 18W 740 I ASWD IC0 | 2500 | 18 | 3.4 |
| 600151431104 | DKF291 2700LM 18W 740 I RS20D IC0 | 2700 | 18 | 3.4 |
| 600151431105 | DKF291 2700LM 18W 740 I RS33 IC0 | 2700 | 18 | 3.4 |
| 600151431106 | DKF291 2700LM 18W 740 I RS48 IC0 | 2700 | 18 | 3.4 |
| 600151431431 | DKF291 5000LM 35W 740 I AST4 IC0 | 5000 | 35 | 3.4 |
| 600151431301 | DKF291 5000LM 35W 740 I ASWD IC0 | 5000 | 35 | 3.4 |
| 600151431302 | DKF291 5500LM 35W 740 I RS20D IC0 | 5500 | 35 | 3.4 |
| 600151431110 | DKF291 5500LM 35W 740 I RS33 IC0 | 5500 | 35 | 3.4 |
| 600151431045 | DKF291 5500LM 35W 740 I RS48 IC0 | 5500 | 35 | 3.4 |

NUMBER OF LUMINAIRES ON MCB MAX

| B 13A | B 16A | B 20A | B 25A | B 32A | B 40A |
|-------|-------|-------|-------|-------|-------|
| 25 | 32 | 40 | 49 | 64 | 80 |
| C 13A | C 16A | C 20A | C 25A | C 32A | C 40A |
| 43 | 54 | 65 | 83 | 108 | 132 |



DIMENSIONS



| | DKF291 | DKF292 | DKF293 | DKF294 |
|------------|--------------------|--------------------|--------------------|--------------------|
| "W"Width | 250 mm 9.84" | 281.1mm 11.07" | 346.8 mm 13.65" | 346.8 mm 13.65" |
| "L" Length | 335.2 mm 13.20" | 383.1 mm 15.08" | 441.8 mm 17.39" | 531.5mm 20.92" |
| "T" Thick | 59.7mm 2.35" | 59.7mm 2.35" | 63.7mm 2.51" | 68.1mm 2.68" |



ODIN GEN2 DKF292

BENEFITS

Entry level LED luminaire with lowest initial capital investment
Slim aesthetic design
Essential reducing energy consumption with Philips driver
Reliable quality
Energy efficiency up to 150 lm/W
Asymmetrical and symmetrical optics

RoHS

IK08

230V



CE

IP66



ELECTRICAL PARAMETERS

Driver failure ratio: < 10% at 100 000 hours
Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request
Input Frequency: 50-60 Hz
LED current ripple %: < (4-30) depends on type
Mains voltage index: 220-240 V / 50-60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 53-80W depending on type
Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT: 1700K, 3000K, 4000K, 5700K
Color rendering index, CRI: 70, CRI80 on request
Initial color shift, SDCM: < 5
Light distribution: Asymmetric for areas ASWD, AST4
Symmetric RS48, RS33, RS20D, RS10
Light source: Modules with OSRAM LED chips
LOR: up to 0,86
Luminaire lumen output range, lm:
7400-11000 Lm depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH: 383x281x60mm
Effective protected area: At horizontal position 0.052
Housing colour: Grey
Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
Impact resistance: IK08
Ingress protection: IP66
Installation options: U-shape mounting bracket fixed with standard bolts and nuts.
No need open for electrical connection
Optical cover: Extra clear toughened flat glass
Windage area: no more 0,107sq.m above/below and 0,023 sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable as standard
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only, no internal cleaning required
Maintenance of lumen output: 100 000 hours – L90B10
Application: Billboards/advertising lighting
Landscape features
Security and amenity lighting
General lighting

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

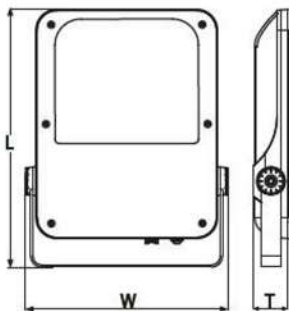
| Code | Type | Light output LM | Power consumption W | Weight kg |
|--------------|------------------------------------|-----------------|---------------------|-----------|
| 600151431399 | DKF292 7400LM 53W 740 I ASWD IC0 | 7400 | 53 | 4,4 |
| 600151431411 | DKF292 7400LM 53W 740 I AST4 IC0 | 7400 | 53 | 4,4 |
| 600151431369 | DKF292 8000LM 53W 740 I RS10 IC0 | 8000 | 53 | 4,4 |
| 600151431336 | DKF292 8000LM 53W 740 I RS20D IC0 | 8000 | 53 | 4,4 |
| 600151431115 | DKF292 8000LM 53W 740 I RS33 IC0 | 8000 | 53 | 4,4 |
| 600151431304 | DKF292 8000LM 53W 740 I RS48 IC0 | 10800 | 80 | 4,4 |
| 600151431806 | DKF292 10800LM 80W 740 I ASWD IC0 | 10800 | 80 | 4,4 |
| 600151431833 | DKF292 10800LM 80W 740 I AST4 IC0 | 10800 | 80 | 4,4 |
| 600151431811 | DKF292 11000LM 80W 740 I RS10 IC0 | 11000 | 80 | 4,4 |
| 600151431315 | DKF292 11000LM 80W 740 I RS20D IC0 | 11000 | 80 | 4,4 |
| 600151431810 | DKF292 11000LM 80W 740 I RS33 IC0 | 11000 | 80 | 4,4 |
| 600151431307 | DKF292 11000LM 80W 740 I RS48 IC0 | 11000 | 80 | 4,4 |

NUMBER OF LUMINAIRES ON MCB MAX

| B 13A | B 16A | B 20A | B 25A | B 32A | B 40A |
|-------|-------|-------|-------|-------|-------|
| 8 | 10 | 12 | 16 | 20 | 25 |
| C 13A | C 16A | C 20A | C 25A | C 32A | C 40A |
| 13 | 16 | 21 | 27 | 32 | 41 |



DIMENSIONS



| | DKF291 | DKF292 | DKF293 | DKF294 |
|------------|--------------------|--------------------|--------------------|--------------------|
| "W"Width | 250 mm 9.84" | 281.1mm 11.07" | 346.8 mm 13.65" | 346.8 mm 13.65" |
| "L" Length | 335.2 mm 13.20" | 383.1 mm 15.08" | 441.8 mm 17.39" | 531.5mm 20.92" |
| "T" Thick | 59.7mm 2.35" | 59.7mm 2.35" | 63.7mm 2.51" | 68.1mm 2.68" |



ODIN GEN2 DKF293

BENEFITS

Entry level LED luminaire with lowest initial capital investment
Slim aesthetic design
Essential reducing energy consumption with Philips driver
Reliable quality
Energy efficiency up to 150 lm/W
Asymmetrical and symmetrical optics

RoHS

IK08

230V



CE

IP66



ELECTRICAL PARAMETERS

Driver failure ratio: < 10% at 100 000 hours
Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request
Input Frequency: 50-60 Hz
LED current ripple %: < (4-30) depends on type
Mains voltage index: 220-240 V / 50-60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 100-135W depending on type
Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT: 1700, 2800, 3000K, 4000K, 5700K
Color rendering index, CRI: 70, CRI80 on request
Initial color shift, SDCM: < 5
Light distribution: Asymmetric for areas ASWD, AST4
Symmetric RS48, RS33, RS20D, RS10
Light source: Modules with OSRAM LED chips
LOR: up to 0,86
Luminaire lumen output range, lm:
14700-18500 Lm depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH: 442x347x64
Effective protected area: At horizontal position 0.052
Housing colour: Grey
Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
Impact resistance: IK08
Ingress protection: IP66
Installation options: U-shape mounting bracket fixed with standard bolts and nuts.
No need open for electrical connection
Optical cover: Extra clear toughened flat glass
Windage area: no more 0,15 sq.m above/below and 0,028 sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable as standard
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only, no internal cleaning required
Maintenance of lumen output: 100 000 hours – L90B10
Application: Billboards/advertising lighting
Landscape features
Security and amenity lighting
General lighting

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

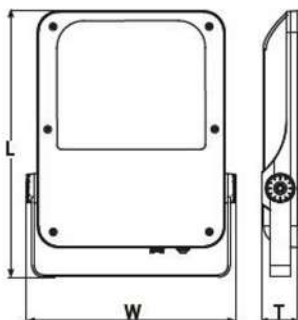
| Code | Type | Light output LM | Power consumption W | Weight kg |
|--------------|-------------------------------------|-----------------|---------------------|-----------|
| 600151431391 | DKF293 14700Lm 100W 740 I ASWD IC0 | 14700 | 100 | 6.3 |
| 600151431381 | DKF293 14700Lm 100W 740 I AST4 IC0 | 14700 | 100 | 6.3 |
| 600151431374 | DKF293 15000Lm 100W 740 I RS48 IC0 | 15000 | 100 | 6.3 |
| 600151431309 | DKF293 15000Lm 100W 740 I RS33 IC0 | 15000 | 100 | 6.3 |
| 600151431306 | DKF293 15000Lm 100W 740 I RS20D IC0 | 15000 | 100 | 6.3 |
| 600151431410 | DKF293 15000Lm 100W 740 I RS10 IC0 | 15000 | 100 | 6.3 |
| 600151431012 | DKF293 18000Lm 135W 740 I AST4D IC0 | 18000 | 135 | 6.3 |
| 600151431808 | DKF293 18000Lm 135W 740 I ASWD IC0 | 18000 | 135 | 6.3 |
| 600151431420 | DKF293 18500Lm 135W 740 I RS48 IC0 | 18500 | 135 | 6.3 |
| 600151431036 | DKF293 18500Lm 135W 740 I RS33 IC0 | 18500 | 135 | 6.3 |
| 600151431056 | DKF293 18500Lm 135W 740 I RS20D IC0 | 18500 | 135 | 6.3 |
| 600151431362 | DKF293 18500Lm 135W 740 I RS10 IC0 | 18500 | 135 | 6.3 |

NUMBER OF LUMINAIRES ON MCB MAX

| B 13A | B 16A | B 20A | B 25A | B 32A | B 40A |
|-------|-------|-------|-------|-------|-------|
| 6 | 8 | 10 | 12 | 16 | 20 |
| C 13A | C 16A | C 20A | C 25A | C 32A | C 40A |
| 10 | 13 | 16 | 21 | 27 | 32 |



DIMENSIONS



| | DKF291 | DKF292 | DKF293 | DKF294 |
|------------|--------------------|--------------------|--------------------|--------------------|
| "W" Width | 250 mm 9.84" | 281.1mm 11.07" | 346.8 mm 13.65" | 346.8 mm 13.65" |
| "L" Length | 335.2 mm 13.20" | 383.1 mm 15.08" | 441.8 mm 17.39" | 531.5mm 20.92" |
| "T" Thick | 59.7mm 2.35" | 59.7mm 2.35" | 63.7mm 2.51" | 68.1mm 2.68" |



ODIN GEN2 DKF294

BENEFITS

Entry level LED luminaire with lowest initial capital investment
Slim aesthetic design
Essential reducing energy consumption with Philips driver
Reliable quality
Energy efficiency up to 150 lm/W
Asymmetrical and symmetrical optics

RoHS

IK08

230V



CE

IP66



ELECTRICAL PARAMETERS

Driver failure ratio: < 10% at 100 000 hours
Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request
Input Frequency: 50-60 Hz
LED current ripple %: < (4-30) depends on type
Mains voltage index: 220-240 V / 50-60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 150-172W depending on type
Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT: 1800, 2800, 3000K, 4000K, 5700K
Color rendering index, CRI: 70, CRI80 on request
Initial color shift, SDCM: < 5
Light distribution: Asymmetric for areas ASWD, AST4
Symmetric RS48, RS33, RS20D, RS10
Light source: Modules with OSRAM LED chips
LOR: up to 0,86
Luminaire lumen output range, lm:
21000-26000 Lm depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH: 532x347x68
Effective protected area: At horizontal position 0.052
Housing colour: Grey
Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
Impact resistance: IK08
Ingress protection: IP66
Installation options: U-shape mounting bracket fixed with standard bolts and nuts.
No need open for electrical connection
Optical cover: Extra clear toughened flat glass
Windage area: no more 0,167 sq.m above/below and 0,033 sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable as standard
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only, no internal cleaning required
Maintenance of lumen output: 100 000 hours – L90B10
Application: Billboards/advertising lighting
Landscape features
Security and amenity lighting
General lighting

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

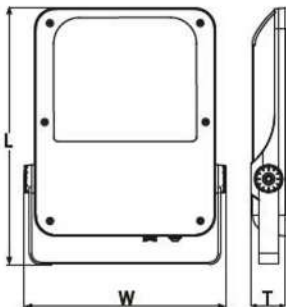
| Code | Type | Light output LM | Power consumption W | Weight kg |
|--------------|-------------------------------------|-----------------|---------------------|-----------|
| 600151431319 | DKF294 21000Lm 150W 740 I ASWD ICO | 21000 | 150 | 8.5 |
| 600151431340 | DKF294 21000Lm 150W 740 I AST4 ICO | 21000 | 150 | 8.5 |
| 600151431320 | DKF294 22000Lm 150W 740 I RS48 ICO | 22000 | 150 | 8.5 |
| 600151431349 | DKF294 22000Lm 150W 740 I RS33 ICO | 22000 | 150 | 8.5 |
| 600151431419 | DKF294 22000Lm 150W 740 I RS20D ICO | 22000 | 150 | 8.5 |
| 600151431385 | DKF294 22000Lm 150W 740 I RS10 ICO | 22000 | 150 | 8.5 |
| 600151431428 | DKF294 25000Lm 172W 730 I ASWD ICO | 25000 | 172 | 8.5 |
| 600151431332 | DKF294 25000Lm 172W 740 I AST4D ICO | 25000 | 172 | 8.5 |
| 600151431348 | DKF294 26000Lm 172W 740 I RS48 ICO | 26000 | 172 | 8.5 |
| 600151431022 | DKF294 26000Lm 172W 740 I RS33 ICO | 26000 | 172 | 8.5 |
| 600151431074 | DKF294 26000Lm 172W 740 I RS20D ICO | 26000 | 172 | 8.5 |

NUMBER OF LUMINAIRES ON MCB MAX

| B 13A | B 16A | B 20A | B 25A | B 32A | B 40A |
|-------|-------|-------|-------|-------|-------|
| 6 | 8 | 10 | 12 | 16 | 20 |
| C 13A | C 16A | C 20A | C 25A | C 32A | C 40A |
| 10 | 13 | 16 | 21 | 27 | 32 |



DIMENSIONS



| | DKF291 | DKF292 | DKF293 | DKF294 |
|------------|--------------------|--------------------|--------------------|--------------------|
| "W"Width | 250 mm 9.84" | 281.1mm 11.07" | 346.8 mm 13.65" | 346.8 mm 13.65" |
| "L" Length | 335.2 mm 13.20" | 383.1 mm 15.08" | 441.8 mm 17.39" | 531.5mm 20.92" |
| "T"Thick | 59.7mm 2.35" | 59.7mm 2.35" | 63.7mm 2.51" | 68.1mm 2.68" |



ODIN GEN2 DKF295

BENEFITS

Entry level LED luminaire with lowest initial capital investment
Slim aesthetic design
Essential reducing energy consumption with Philips driver
Reliable quality
Energy efficiency up to 150 lm/W
Asymmetrical and symmetrical optics

RoHS

IK08

230V



CE

IP66



ELECTRICAL PARAMETERS

Driver failure ratio: < 10% at 100 000 hours
Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request
Input Frequency: 50-60 Hz
LED current ripple %: < (4-30) depends on type
Mains voltage index: 220-240 V / 50-60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 205- 258W depending on type
Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT: 1800, 2800, 3000K, 4000K, 5700K
Color rendering index, CRI: 70, CRI80 on request
Initial color shift, SDCM: < 5
Light distribution: Asymmetric for areas ASWD, AST4
Symmetric RS48, RS33, RS20D, RS10
Light source: Modules with OSRAM LED chips
LOR: up to 0,86
Luminaire lumen output range, lm:
29500-38000 LM depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH: 610x420x80
Effective protected area: At horizontal position 0.052
Housing colour: Grey
Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
Impact resistance: IK08
Ingress protection: IP66
Installation options: U-shape mounting bracket fixed with standard bolts and nuts. No need open for electrical connection
Optical cover: Extra clear toughened flat glass
Windage area: no more 0,185 sq.m above/below and 0,036 sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable as standard
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only, no internal cleaning required
Maintenance of lumen output: 100 000 hours – L90B10
Application: Billboards/advertising lighting
Landscape features
Security and amenity lighting
General lighting

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Light output LM | Power consumption W | Weight kg |
|--------------|-------------------------------------|-----------------|---------------------|-----------|
| 600151431832 | DKF295 29500LM 205W 740 I ASWD IC0 | 29500 | 205 | 11 |
| 600151431065 | DKF295 29500LM 205W 740 I AST4 IC0 | 29500 | 205 | 11 |
| 600151431418 | DKF295 31000LM 205W 740 I RS48 IC0 | 31000 | 205 | 11 |
| 600151431064 | DKF295 31000LM 205W 740 I RS33 IC0 | 31000 | 205 | 11 |
| 600151431823 | DKF295 31000LM 205W 740 I RS20D IC0 | 31000 | 205 | 11 |
| 600151431822 | DKF295 31000LM 205W 740 I RS10 IC0 | 31000 | 205 | 11 |
| 600151431329 | DKF295 36900LM 258W 740 I ASWD IC0 | 36900 | 258 | 11 |
| 600151431393 | DKF295 36900LM 258W 740 AST4D IC0 | 36900 | 258 | 11 |
| 600151431417 | DKF295 38000LM 258W 740 I RS48 IC0 | 38000 | 258 | 11 |
| 600151431031 | DKF295 38000LM 258W 740 I RS33 IC0 | 38000 | 258 | 11 |
| 600151431813 | DKF295 38000LM 258W 740 I RS20D IC0 | 38000 | 258 | 11 |
| 600151431416 | DKF295 38000LM 258W 740 I RS10 IC0 | 38000 | 258 | 11 |

NUMBER OF LUMINAIRES ON MCB MAX

| B 13A | B 16A | B 20A | B 25A | B 32A | B 40A |
|-------|-------|-------|-------|-------|-------|
| 3 | 4 | 5 | 6 | 8 | 10 |
| C 13A | C 16A | C 20A | C 25A | C 32A | C 40A |
| 5 | 6 | 8 | 10 | 13 | 16 |



STREET LIGHT

Discover TACTON's range of street and road lighting luminaires. High energy efficiency, functionality, ease of installation makes the luminaires applicable in various areas of street lighting. With a range of differently priced and sophisticated luminaires, you can help to make streets comfortable and safe with different levels of initial investments.



RONDO



BENEFITS

Slim, attractive design

The highest quality LED components of proven manufacturers and reliable technical design ensures high-quality lighting and long lifetime

Selection of light distributions for roads and area lighting

Low ageing PMMA lenses by LEDIL

Low initial investments

ELECTRICAL PARAMETERS

Driver efficiency nominal: up to 0.92

Driver failure ratio: < 10% at 50000 or 100000 hours depends on type

Driver type: Built in PHILIPS Xitanium Outdoor driver

Electrical isolation class IEC: Safety class I as a standard, II on request

Input Frequency: 50-60 Hz

Mains voltage index: 230 – 240 V / 50 – 60 Hz

Nominal input voltage range: 202...254 or 198...264, depends on type

Power factor nominal: up to 0.98

Power range: 23-36W depending on type

Surge protection: 6/10 kV standard

LIGHTING PERFORMANCE

CCT: 1800,2800,3000K, 4000K

Color rendering index, CRI: > 70

Initial color shift, SDCM: < 5

Light distribution: Asymmetric for roads, areas, walkways, pedestrian crossings and other types on request

Light source: Modules with OSRAM DURIS LED chips
LOR: up to 0,94

Luminaire lumen output range, lm: 2400...5000 LM depending on type

Photobiological safety: RG1

Type of optic: Low ageing PMMA lenses by LEDIL

PRODUCT TYPE: RONDO DKS552



CONSTRUCTION AND MATERIALS

Dimensions LxWxH: 345x195x83

Effective protected area: -0.02

Housing colour: RAL 7035

Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts

Ingress protection: IP66

Installation options: Post top or side entry installation 40-60mm with tilt regulation 0/5/10/15 dgr

Optical cover: Extra clear toughened flat glass

Windage area: no more 0,067sq.m above/below and 0,028sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0,4m cable as standard or 5...8m cable as other options on request

Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

Maintenance of lumen output: 100,000 hours - L90B10

Operating temperature range: -40...+35 C, typical for exact values

Application: Urban road and streets
Residential roads and paths
Pedestrian crossroads

MARKING AND APPROVALS

CE mark: CE marked

ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Power W | System flux LM | Efficacy LM/W | Weight kg |
|--------------|---|---------|----------------|---------------|-----------|
| 600151422322 | DKS 552 2500LM 18W 740 I NB2 48-60 IC0 | 18 | 2500 | 139 | 3.7 |
| 600151422323 | DKS 552 2500LM 18W 740 I WB 48-60 IC0 | 18 | 2500 | 139 | 3.7 |
| 600151422521 | DKS 552 5000LM 36W 740 I NB2 48-60 IC0 | 36 | 5000 | 139 | 3.7 |
| 600151422522 | DKS 552 5000LM 36W 740 I WB 48-60 IC0 | 36 | 5000 | 139 | 3.7 |

NUMBER OF LUMINAIRES ON MCB MAX

| B 13A | B 16A | B 20A | B 25A | B 32A | B 40A |
|-------|-------|-------|-------|-------|-------|
| 25 | 32 | 40 | 49 | 64 | 80 |
| C 13A | C 16A | C 20A | C 25A | C 32A | C 40A |
| 43 | 54 | 65 | 83 | 108 | 132 |



MALMÖ GEN2



PRODUCT TYPE: MALMÖ DKS 674



ELECTRICAL PARAMETERS

Driver efficiency nominal: up to 0.92
Driver failure ratio: < 10% at 100000 hours depends on type
Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request
Input Frequency: 50-60 Hz
LED current ripple %: 230 – 240 V / 50 – 60 Hz
Mains voltage index: 230 – 240 V / 50 – 60 Hz
Nominal input voltage range: 202...254 or 198...264, depends on type
Power factor nominal: up to 0.98
Power range: 18-103W depending on type
Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT: 1700K, 3000K, 4000K, 5700K
Color rendering index, CRI: 70 as standard, 80 on request
Initial color shift, SDCM: < 5
Light distribution: Asymmetric for roads, areas, walkways, pedestrian crossings and other types on request
Light source: Modules with OSRAM 5050 LED chips
LOR: up to 0,86
Luminaire lumen output range, lm: 2300...14800 lm depending on type
Photobiological safety: RG1
Type of optic: Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH: DKS674 S 455x238x76
DKS674 M 524x273x76
Effective protected area: 0.02
Housing colour: RAL 7035 as standard, other color on request
Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts
Ingress protection: IP66
Installation options: Post top or side entry installation 40-60-76mm with tilt regulation 0/5/10/15 dgr
Optical cover: Extra clear toughened flat glass
Windage area: no more 0,099sq.m above/below and 0,031sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable as standard or 5...15m cable as other options on request
Maintenance: Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only
Maintenance of lumen output: 100000 hours – L90B10
Operating temperature range: -40...+35 C, typical for exact values
Application: Urban road and streets
Residential roads and paths
Pedestrian crossroad

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Power W | System flux LM | Efficacy LM/W |
|--------------|--|---------|----------------|---------------|
| 600152401201 | DKS674 S 2500LM 18W 740 I NB2 ICO | 18 | 2500 | 138 |
| 600152401284 | DKS674 S 3700LM 27W 740 I NB2 ICO | 27 | 3700 | 138 |
| 600152401369 | DKS674 S 5000LM 36W 740 I NB2 ICO | 36 | 5100 | 138 |
| 600152401168 | DKS674 S 7500LM 54W 740 I NB2 ICO | 54 | 7500 | 138 |
| 600152401251 | DKS674 M 11000LM 80W 740 I NB2 ICO | 80 | 11000 | 138 |
| 600152401085 | DKS674 M 14200LM 103W 740 I NB2 ICO | 103 | 14200 | 138 |

NUMBER OF LUMINAIRES ON MCB (MAX)

| Power | Number of luminaires on MCB (max) | | | |
|---------|-----------------------------------|-----|-----|-----|
| | B10 | B16 | C10 | C16 |
| 18W-22W | 28 | 48 | 28 | 48 |
| 36W | 22 | 32 | 22 | 32 |
| 54W-80W | 6 | 10 | 6 | 10 |
| 103W | 5 | 7 | 5 | 7 |



VIKING GEN2 DKS850



BENEFITS

Ensure high energy efficiency in combination with moderate initial investments in infrastructure development

Modest modern design of Viking luminaire fits well in diversified and demanding city environment

Selection of different size housings in combination with a range of high-performance optics and light colour temperatures satisfies all demands for city street lighting

The highest quality LED components of proven manufacturers and reliable technical design ensures high-quality lighting and long lifetime

ELECTRICAL PARAMETERS

Input Frequency: 50 – 60 Hz
Mains voltage index: 230 – 240 V / 50 – 60 Hz
Power range: 17-204W depending on type
Driver type:
Driver Philips Xitanium included
Surge protection: 10kV

LIGHTING PERFORMANCE

CCT: 1800,2800,3000,4000,5700K
Color rendering index, CRI: 75 – 80
Light source: LED module
LOR: > 0,86
Luminaire lumen output range, lm:
1550-29000 lm depending on type



CONSTRUCTION AND MATERIALS

Housing colour: RAL 7035 as a standard, any other on request
Housing material: High-pressure, die-cast aluminium
Side-entry mounting: lateral entry 40/60mm or 76mm
Ingress protection: IP66
Installation options: Recommended mounting height: 4-12 m
Optical cover: Glass, flat as standard, PC optional

OPERATION AND MAINTENANCE

Electrical connection: Preinstalled rubber cable 3x1.5 0.5m as a standard. Other length is ordering according to the cables range.
Maintenance: Opening without tools, safety switch disconnects power on opening – Safe Maintenance Technology (SMT)
Maintenance of lumen output: 100,000 hours lifetime @ L90B10
Application: Urban road and streets
Residential roads and paths
Pedestrian crossroads

MARKING AND APPROVALS

CE mark: CE marked
ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Light output, LM | Power, W | Efficacy LM/W |
|--------------|--|------------------|----------|---------------|
| 600151512000 | DKS850 2500LM 18W A 740 NB2 40-60 IC0 | 2500 | 18 | 139 |
| 600151512100 | DKS850 3650LM 26W A 740 NB2 40-60 IC0 | 3650 | 26 | 140 |
| 600151512200 | DKS850 5000LM 36W A 740 NB2 40-60 IC0 | 5000 | 36 | 139 |
| 600151512300 | DKS850 7500LM 54W A 740 NB2 40-60 IC1 | 7500 | 54 | 139 |
| 600151512400 | DKS850 11100LM 80W A 740 NB2 40-60 IC0 | 11100 | 80 | 139 |
| 600151612600 | DKS850 14700LM 105W B 740 NB2 40-60 IC0 | 14700 | 105 | 140 |
| 600151712700 | DKS850 19600LM 136W C 740 NB2 40-60 IC0 | 19000 | 136 | 140 |
| 600151712800 | DKS850 23700LM 170W C 740 NB2 40-60 IC0 | 23700 | 170 | 139 |
| 600151712900 | DKS850 28400LM 204W C 740 NB2 40-60 IC0 | 28400 | 204 | 139 |

NUMBER OF LUMINAIRES ON MCB (MAX)

| Power | Number of luminaires on MCB (max) | | | |
|----------|-----------------------------------|-----|-----|-----|
| | B10 | B16 | C10 | C16 |
| 17W-22W | 28 | 48 | 28 | 48 |
| 26-34W | 22 | 32 | 22 | 32 |
| 52W-105W | 6 | 10 | 6 | 10 |
| 105-136W | 5 | 7 | 5 | 7 |
| 170-204W | 6 | 10 | 6 | 10 |

DIMENSIONS AND WEIGHT

| Luminaire type | Dimensions | Weight | Wind force area – top | Wind force area – side |
|----------------|------------------|---------|-----------------------|------------------------|
| DKS850 size A | 624(501)x240x108 | 5,30 kg | 0,132 m ² | 0,020 m ² |
| DKS850 size B | 724(602)x301x113 | 6,60 kg | 0,193 m ² | 0,049 m ² |
| DKS850 size C | 824(703)x313x115 | 9,90 kg | 0,221 m ² | 0,053 m ² |

URBAN LIGHTING

The modern design of our luminaires allows you to become part of the urban landscape during the day.

A wide range of possible light distributions allows solving many problems of urban lighting, making pedestrian areas, paths and parks comfortable for residents and attractive for tourists.



BERGEN

IK09

230V

IP66



BENEFITS

Modern design lets to be a part of city beautification in a daytime

Wide range of possible light distributions allows to solve many tasks in city illumination

Ready for connection with lighting control applications with Zhaga or Nemo sockets

Easy installation with pre-installed cable

ELECTRICAL PARAMETERS

Driver efficiency nominal: up to 0.92

Driver failure ratio: < 10% at 50000 or 100000 hours depends on type

Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request

Input Frequency: 50-60 Hz

LED current ripple %: < 4

Mains voltage index: 230 – 240 V / 50 – 60 Hz

Nominal input voltage range: 202...254 or 198...264, depends on type

Power factor nominal: up to 0.98

Power range: 32-80 W depending on type

Surge protection: 4/6/10 kV

LIGHTING PERFORMANCE

CCT: 1800,3000K, 4000K, 5700K

Color rendering index, CRI: > 70

Initial color shift, SDCM: < 5

Light distribution: Wide beam as standard, Asymmetric road on request

Light source: Modules with OSRAM long life ceramic package LED chips with silicone lens diodes

LOR: up to 0,89

Luminaire lumen output range, lm: 4000-10200 lm depending on type

Photobiological safety: RG1

Type of optic: Low ageing PMMA lenses

CONSTRUCTION AND MATERIALS

Housing colour: DARK GREY RAL 7015 as standard
All other colors possible on request

Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts

Impact resistance: IK09

Ingress protection: IP66

Installation options: Post top installation 40-76mm

Optical cover: Extra clear toughened flat glass

Windage area: no more 0,18sq.m above/below and 0,025sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable with IP66 connector as standard

Maintenance: Opening with screw, Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

Maintenance of lumen output: 100000 hours – L90B10

Operating temperature range: -40...+35 C, typical for exact values

MARKING AND APPROVALS

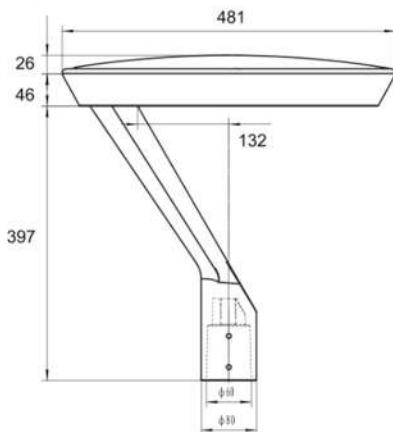
CE mark: CE marked

ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Power W | System flux LM | Weight kg |
|--------------|-------------------------------------|---------|----------------|-----------|
| 600151532201 | DPS455 10200LM 80W 740 WSD IC0 | 80 | 10200 | 13 |
| 600151532202 | DPS455 9000LM 70W 740 WSD IC0 | 70 | 9000 | 13 |
| 600151532203 | DPS455 5500LM 42W 740 WSD IC0 | 42 | 5500 | 13 |
| 600151532204 | DPS455 4000LM 32W 740 WSD IC0 | 32 | 4000 | 13 |

DIMENSIONS:



APPLICATION:



Parks
Squares
Boulevards
Embankments
Recreation areas
Residential roads and paths
Pedestrian crossroad

BILLUND

IK09

230V

IP66



BENEFITS

Classic design lets to use it in historical parts of a city

Wide range of possible light distributions allows to solve many tasks in city illumination

Easy installation with pre-installed cable

ELECTRICAL PARAMETERS

Driver efficiency nominal: up to 0.92

Driver failure ratio: < 10% at 50000

or 100000 hours depends on type

Driver type: Built in PHILIPS Xitanium Outdoor driver

Electrical isolation class IEC: Safety class I

as a standard, II on request

Input Frequency: 50-60 Hz

LED current ripple %: < 4

Mains voltage index: 230 – 240 V / 50 – 60 Hz

Nominal input voltage range: 202...254 or 198...264,

depends on type

Power factor nominal: up to 0.98

Power range: 40 or 60 W depending on type

Surge protection: 4/6/10 kV

LIGHTING PERFORMANCE

CCT: 1800,3000K, 4000K, 5700K

Color rendering index, CRI: > 70

Initial color shift, SDCM: < 5

Light distribution: Wide beam as standard,

Asymmetric road on request

Light source: Modules with OSRAM long life ceramic package LED chips with silicone lens diodes

LOR: up to 0,89

Luminaire lumen output range, lm: 4200-6300 lm depending on type

Photobiological safety: RG1

Type of optic: Low ageing PMMA lenses



CONSTRUCTION AND MATERIALS

Housing colour: DARK GREY RAL 7015 as standard

All other colors possible on request

Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts

Impact resistance: IK09

Ingress protection: IP66

Installation options: Post top installation 40-76mm

Optical cover: Extra clear toughened flat glass

Windage area: no more 0,18sq.m above/below and 0,025sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable with IP66 connector as standard

Maintenance: Opening with screw, Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

Maintenance of lumen output: 100000 hours – L90B10

Operating temperature range: -40...+35 C, typical for exact values

MARKING AND APPROVALS

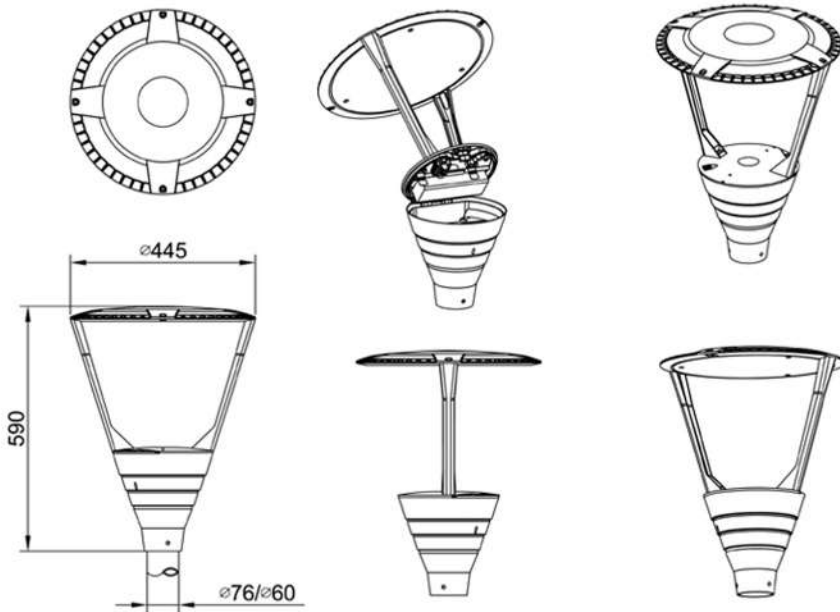
CE mark: CE marked

ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Power W | System flux LM | Weight kg |
|--------------|------------------------------------|---------|----------------|-----------|
| 600151532103 | DPS355 5000LM 40W I 740 WSD IC0 | 40 | 5000 | 13 |
| 600151532104 | DPS355 8000LM 60W I 740 WSD IC0 | 60 | 8000 | 13 |

DIMENSIONS:



APPLICATION:

Parks
Squares
Boulevards
Embankments
Recreation areas
Residential roads and paths
Pedestrian crossroad

BASEL

IK09

230V

IP66



BENEFITS

Traditional design keeps historical atmosphere in the city

Possible to be in different colors

High quality components, all made in Europe

Easy installation with pre-installed cable

ELECTRICAL PARAMETERS

Driver efficiency nominal: up to 0.92

Driver failure ratio: < 10% at 50000 or 100000 hours depends on type

Driver type: Built in PHILIPS Xitanium Outdoor driver
Electrical isolation class IEC: Safety class I as a standard, II on request

Input Frequency: 50-60 Hz

LED current ripple %: < 4

Mains voltage index: 230 – 240 V / 50 – 60 Hz

Nominal input voltage range: 202...254 or 198...264, depends on type

Power factor nominal: up to 0.98

Power range: 32-80 W depending on type

Surge protection: 4/6/10 kV

LIGHTING PERFORMANCE

CCT: 1800,3000K, 4000K, 5700K

Color rendering index, CRI: > 70

Initial color shift, SDCM: < 5

Light distribution: Wide beam as standard

Light source: Modules with OSRAM long life ceramic package LED chips with silicone lens diodes

LOR: up to 0,89

Luminaire lumen output range, lm: 2500-5000 lm depending on type

Photobiological safety: RG1

Type of optic: Low ageing PMMA lenses

CONSTRUCTION AND MATERIALS

Housing colour: DARK GREY RAL 7015 as standard
All other colors possible on request

Housing material: Housing: high-pressure, die-cast aluminium powder coated, no plastic parts

Impact resistance: IK09

Ingress protection: IP66

Installation options: Post top installation 40-76mm

Optical cover: PC transparent tube

Windage area: no more 0,18sq.m above/below and 0,025sq.m side position

OPERATION AND MAINTENANCE

Electrical connection: 0.4m cable with IP66 connector as standard

Maintenance: Opening with screw, Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

Maintenance of lumen output: 100000 hours – L90B10

Operating temperature range: -40...+35 C, typical for exact values

MARKING AND APPROVALS

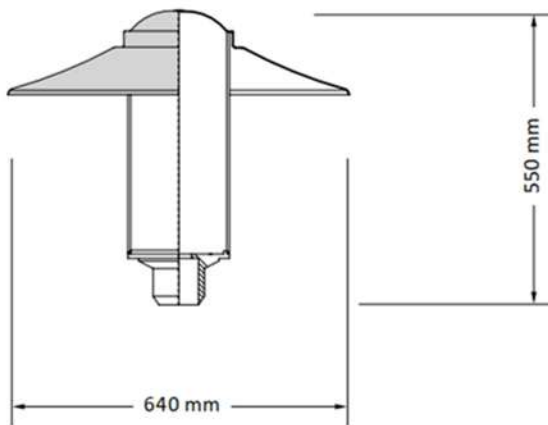
CE mark: CE marked

ROHS mark: ROHS complaint

STANDARD PRODUCT RANGE

| Code | Type | Power W | Light output LM | Efficacy |
|--------------|-------------------------------------|---------|-----------------|----------|
| 600151451001 | DPS655 2300LM 18W 730 I ICO IP66 | 18 | 2300 | 127 |
| 600151451002 | DPS655 4600LM 36W 730 I ICO IP66 | 36 | 4600 | 1127 |
| 600151451003 | DPS655 2500LM 18W 740 I ICO IP66 | 18 | 2500 | 139 |
| 600151451004 | DPS655 5000LM 36W 740 I ICO IP66 | 36 | 5000 | 139 |

DIMENSIONS:



APPLICATION:

Parks
Squares
Boulevards
Embankments
Recreation areas
Residential roads and paths
Pedestrian crossroad