

Lumis Led

Innolumis

Versie: 01 d.d. 01-februari-2011

Moonlight 10 Watt



- Product advantages
- Better visibility which results in better perception
- Energy savings of up to 70% compared to conventional luminaires, therefore reduced emission of CO₂
- Service life of up to 80,000 hours due to the use of pure, high quality LEDs without phosphors
- Total costs (Total Cost of Ownership, TCO) lower than most conventional lighting
- Good light distribution
- Good colour recognition
- Low level of light pollution
- S/P ratio: 3.2
- Many areas of application, such as residential areas, parks, footpaths, cycle paths, industrial estates, provincial roads and car parks
- Retrofit solution
- Dimmable version available
- CE marking by KEMA
- Complies with RoHS standards, based on EU directives
- Free of heavy metals
- Eco-friendly product

Specifications

| | | | |
|--|---|---------------------------------------|---|
| • Type | Moonlight | • Connection | 3 or 5-pin Wieland plug (supplied) |
| • Version | White light with a green glow | • Materials and finish | Housing: High Pressure Die Casting aluminum (LM6 quality) |
| • Light source | Lumis Led 10 Watt | | Finish: Powder coated, antifouling (protection against undesirable accumulation of microorganisms, plants and/or algae) |
| • Number of light sources | 4 compartments | | Optic: Aluminum |
| • Number Leds per light source | 10 Leds | | Optical cover: Glass, thermally cured |
| • Color composition by source | 5 x Green 4 x Red 1 x Blue | • Sizes (lxbxh) | 660*214*122 mm |
| | 640 lumen | • Weight | 4,7 kg |
| • Flux | Similar to: | • Color | Ral 7032, Pebble Grey |
| • Flux | Sox-E 26 Watt Fluorescent Lamp 24 Watt | • Color options | All standard RAL colors at additional charge |
| | | • Installation | Assembly 42-60 mm standard Integrated flexi-fit |
| • Light color (color point) | x/y = 0,319/0,327 | • Installation height | 4-6 meters |
| • Light color comparable in Kelvin (K) | < 3500K | • Adjustable tilt | Yes, 5 degrees per setting |
| • Colour recognition | Perfect | • Maintenance | Closed with allen-screw from the bottom |
| • S/P ratio | 3,2 | • Driver and light source compartment | Sealed for Life |
| • Power | Max. 10 Watt | • Lifetime | 80.000 hours |
| • Driver | 220V/240V - 50/60Hz Integrated | • Failure rate and Lumen maintenance | < 10% by 80.000 hours > 70% by 80.000 hours |
| • Cos φ (Cos Phi) | > 0,9 | • Application | Main roads Local access roads Residential areas |
| • Density fitting | IP 66 | • CE Marking | Yes, KEMA keur |
| • Vandal resistant | IK10 | | |
| • Glare factor | G6 | | |
| • Optics | Standard wide-angle | | |
| • Optical cover | Glass, flat glass only | | |
| • Options | Dimmable by means of 1-10V Approved dimmers: Dynadimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated! | | |

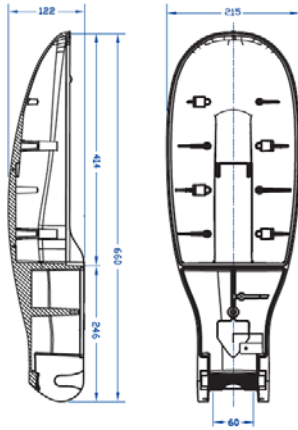
Lumis Led

Innolumis

Versie: 01.d.d. 01-februari-2011

Moonlight 10 Watt

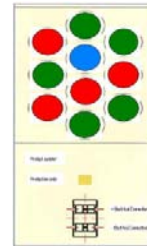
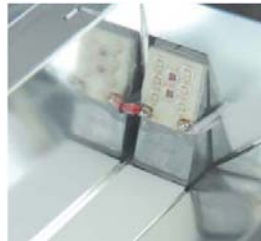
Sketch



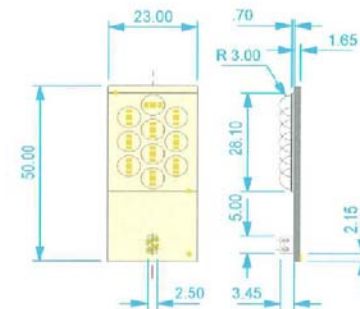
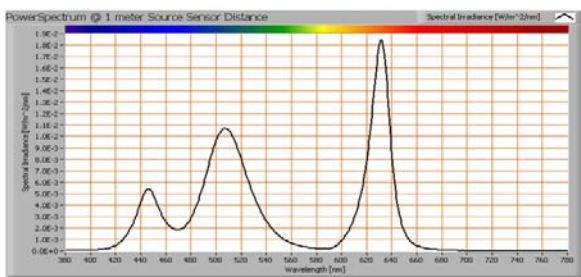
Profile Lumis LED



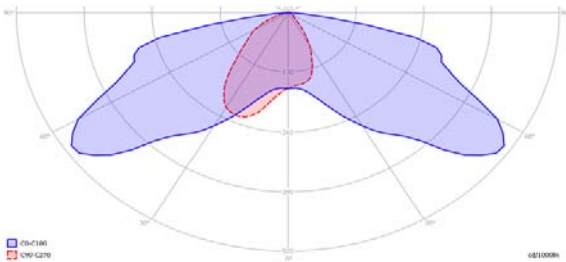
Lightsource



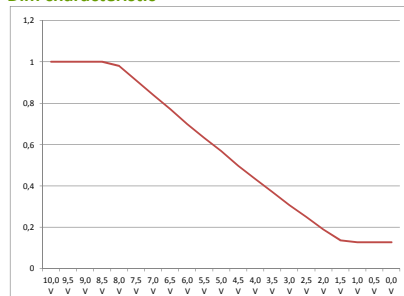
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

Versie: 01.d.d. 01-februari-2011

Moonlight 16 Watt



- Product advantages
- Better visibility which results in better perception
- Energy savings of up to 70% compared to conventional luminaires, therefore reduced emission of CO2
- Service life of up to 80,000 hours due to the use of pure, high quality LEDs without phosphors
- Total costs (Total Cost of Ownership, TCO) lower than most conventional lighting
- Good light distribution
- Good colour recognition
- Low level of light pollution
- S/P ratio: 3.2
- Many areas of application, such as residential areas, parks, footpaths, cycle paths, industrial estates, provincial roads and car parks
- Retrofit solution
- Dimmable version available
- CE marking by KEMA
- Complies with RoHS standards, based on EU directives
- Free of heavy metals
- Eco-friendly product

Specifications

| | | | |
|--|---|---------------------------------------|---|
| · Type | Moonlight | · Connection | 3 or 5-pin Wieland plug (supplied) |
| · Version | White light with a green glow | · Materials and finish | Housing: High Pressure Die Casting aluminum (LM6 quality) |
| · Light source | Lumis Led 16 Watt | | Finish: Powder coated, antifouling (protection against undesirable accumulation of microorganisms, plants and/or algae) |
| · Number of light sources | 4 compartments | | Optic: Aluminum |
| · Number Leds per light source | 10 Leds | | Optical cover: Glass, thermally cured |
| · Color composition by source | 5 x Green 4 x Red 1 x Blue | · Sizes (lxbxh) | 660*214*122 mm |
| · Flux | 1022 lumen | · Weight | 4,7 kg |
| · Flux | Similar to: NAV-T 50 Watt Sox-E 26 Watt Fluorescent Lamp 36 Watt | · Color | Ral 7032, Pebble Grey |
| | | · Color options | All standard RAL colors at additional charge |
| · Light color (color point) | x/y = 0,319/0,327 | · Installation | Assembly 42-60 mm standard Integrated flexi-fit |
| · Light color comparable in Kelvin (K) | < 3500K | · Installation height | 5-8 meters |
| · Colour recognition | Perfect | · Adjustable tilt | Yes, 5 degrees per setting |
| · S/P ratio | 3,2 | · Maintenance | Closed with allen-screw from the bottom |
| · Power | Max. 21 Watt | · Driver and light source compartment | Sealed for Life |
| · Driver | 220V/240V - 50/60Hz Integrated | · Lifetime | 80.000 hours |
| · Cos φ (Cos Phi) | > 0,9 | · Failure rate and Lumen maintenance | < 10% by 80.000 hours > 70% by 80.000 hours |
| · Density fitting | IP 66 | · Application | Main roads Local access roads Residential areas |
| · Vandal resistant | IK10 | · CE Marking | Yes, KEMA keur |
| · Glare factor | G6 | | |
| · Optics | Standard wide-angle | | |
| · Optical cover | Glass, flat glass only | | |
| · Options | Dimmable by means of 1-10V Approved dimmers: Dynadimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated! | | |

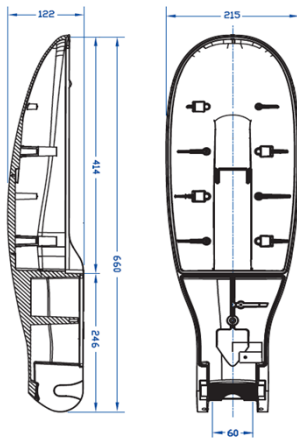
Lumis Led

Innolumis

Versie: 01 d.d. 01-februari-2011

Moonlight 16 Watt

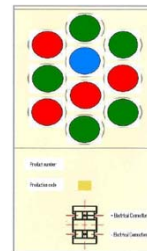
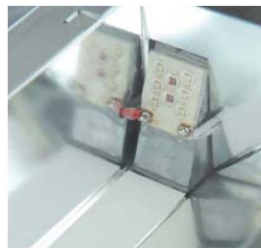
Sketch



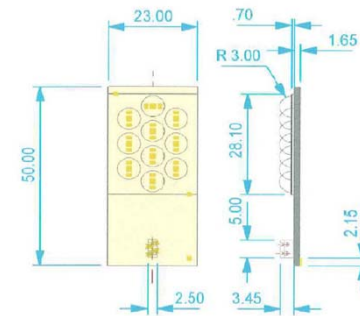
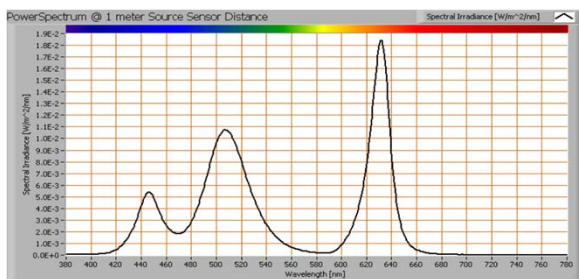
Profile Lumis LED



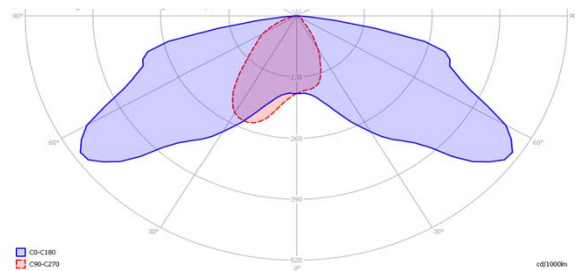
Lightsource



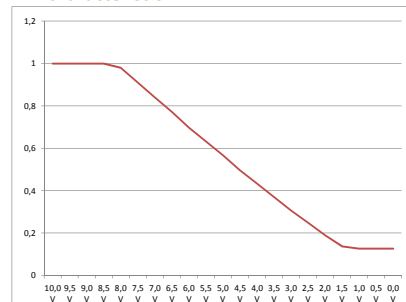
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

Versie: 01.d.d. 01-februari-2011

Moonlight 24 Watt



- Product advantages
- Better visibility which results in better perception
- Energy savings of up to 70% compared to conventional luminaires, therefore reduced emission of CO₂
- Service life of up to 80,000 hours due to the use of pure, high quality LEDs without phosphors
- Total costs (Total Cost of Ownership, TCO) lower than most conventional lighting
- Good light distribution
- Good colour recognition
- Low level of light pollution
- S/P ratio: 3.2
- Many areas of application, such as residential areas, parks, footpaths, cycle paths, industrial estates, provincial roads and car parks
- Retrofit solution
- Dimmable version available
- CE marking by KEMA
- Complies with RoHS standards, based on EU directives
- Free of heavy metals
- Eco-friendly product

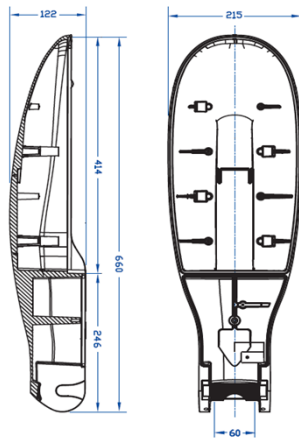
Specifications

| | | | |
|--|--|---------------------------------------|---|
| • Type | Moonlight | • Connection | 3 or 5-pin Wieland plug (supplied) |
| • Version | White light with a green glow | • Materials and finish | Housing: High Pressure Die Casting aluminum (LM6 quality) |
| • Light source | Lumis Led 24 Watt | | Finish: Powder coated, antifouling (protection against undesirable accumulation of microorganisms, plants and/or algae) |
| • Number of light sources | 4 compartments | | Optic: Aluminum |
| • Number Leds per light source | 10 Leds | | Optical cover: Glass, thermally cured |
| • Color composition by source | 5 x Green 4 x Red 1 x Blue | • Sizes (lxbxh) | 660*214*122 mm |
| • Flux | 1340 lumen | • Weight | 4,7 kg |
| • Flux | Similar to: NAV-T 70 Watt Sox-E 36 Watt High Pressure Mercury Lamp 50 Watt CDO-TT 70 Watt (Metal Halide) CPO 45 Watt (CosmoWhite) | • Color | Ral 7032, Pebble Grey |
| | | • Color options | All standard RAL colors at additional charge |
| • Light color (color point) | x/y = 0,319/0,327 | • Installation | Assembly 42-60 mm standard Integrated flexi-fit |
| • Light color comparable in Kelvin (K) | < 3500K | • Installation height | 6-10 meters |
| • Colour recognition | Perfect | • Adjustable tilt | Yes, 5 degrees per setting |
| • S/P ratio | 3,2 | | |
| • Power | Max. 29 Watt | • Maintenance | Closed with allen-screw from the bottom |
| • Driver | 220V/240V - 50/60Hz Integrated | • Driver and light source compartment | Sealed for Life |
| • Cos φ (Cos Phi) | > 0,9 | • Lifetime | 80.000 hours |
| • Density fitting | IP 66 | • Failure rate and Lumen maintenance | < 10% by 80.000 hours > 70% by 80.000 hours |
| • Vandal resistant | IK10 | • Application | Main roads Local access roads Residential areas |
| • Glare factor | G6 | • CE Marking | Yes, KEMA keur |
| • Optics | Standard wide-angle | | |
| • Optical cover | Glass, flat glass only | | |
| • Options | Dimmable by means of 1-10V Approved dimmers: Dynadimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated! | | |

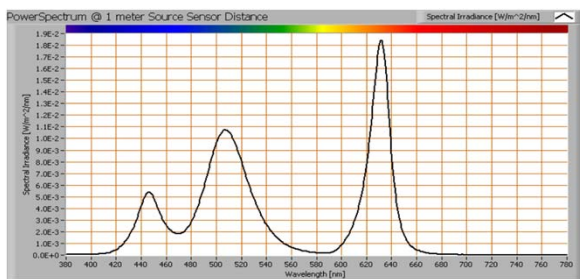
Lumis Led

Moonlight 24 Watt

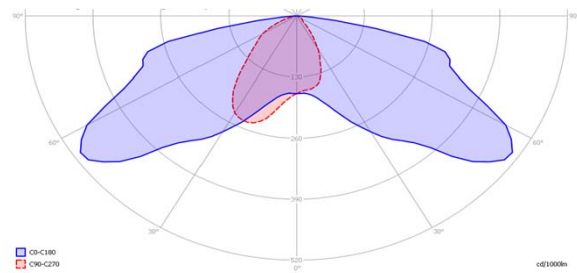
Sketch



Spectral distribution



Lightchart



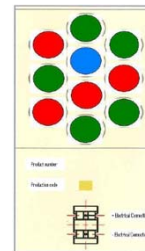
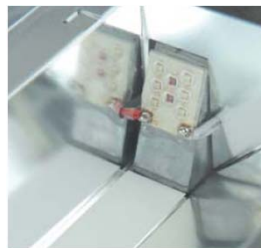
Innolumis

Versie: 01 d.d. 01-februari-2011

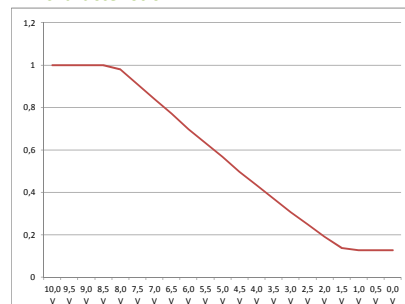
Profile Lumis LED



Lightsource



Dim characteristic



Lumis Led

Innolumis

Versie: 01.d.d. 01-februari-2011

Moonlight 36 Watt



- Product advantages
- Better visibility which results in better perception
- Energy savings of up to 70% compared to conventional luminaires, therefore reduced emission of CO₂
- Service life of up to 80,000 hours due to the use of pure, high quality LEDs without phosphors
- Total costs (Total Cost of Ownership, TCO) lower than most conventional lighting
- Good light distribution
- Good colour recognition
- Low level of light pollution
- S/P ratio: 3.2
- Many areas of application, such as residential areas, parks, footpaths, cycle paths, industrial estates, provincial roads and car parks
- Retrofit solution
- Dimmable version available
- CE marking by KEMA
- Complies with RoHS standards, based on EU directives
- Free of heavy metals
- Eco-friendly product

Specifications

| | | | |
|--|---|---------------------------------------|---|
| • Type | Moonlight | • Connection | 3 or 5-pin Wieland plug (supplied) |
| • Version | White light with a green glow | • Materials and finish | Housing: High Pressure Die Casting aluminum (LM6 quality) |
| • Light source | Lumis Led 36 Watt | | Finish: Powder coated, antifouling (protection against undesirable accumulation of microorganisms, plants and/or algae) |
| • Number of light sources | 4 compartments | | Optic: Aluminum |
| • Number Leds per light source | 10 Leds | | Optical cover: Glass, thermally cured |
| • Color composition by source | 5 x Green 4 x Red 1 x Blue | • Sizes (lxbxh) | 660*214*122 mm |
| • Flux | 1668 lumen | • Weight | 4,7 kg |
| • Flux | Similar to: NAV-T 100 Watt Sox-E 66 Watt High Pressure Mercury Lamp 80 W CDO-TT 100 Watt (Metal Halide) CPO 60 Watt (CosmoWhite) | • Color | Ral 7032, Pebble Grey |
| | | • Color options | All standard RAL colors at additional charge |
| • Light color (color point) | x/y = 0,319/0,327 | • Installation | Assembly 42-60 mm standard Integrated flexi-fit |
| • Light color comparable in Kelvin (K) | < 3500K | • Installation height | 6-10 meters |
| • Colour recognition | Perfect | • Adjustable tilt | Yes, 5 degrees per setting |
| • S/P ratio | 3,2 | | |
| • Power | Max. 40 Watt | • Maintenance | Closed with allen-screw from the bottom |
| • Driver | 220V/240V - 50/60Hz Integrated | • Driver and light source compartment | Sealed for Life |
| • Cos φ (Cos Phi) | > 0,9 | • Lifetime | 80.000 hours |
| • Density fitting | IP 66 | • Failure rate and Lumen maintenance | < 10% by 80.000 hours > 70% by 80.000 hours |
| • Vandal resistant | IK10 | • Application | Main roads Local access roads Residential areas |
| • Glare factor | G6 | • CE Marking | Yes, KEMA keur |
| • Optics | Standard wide-angle | | |
| • Optical cover | Glass, flat glass only | | |
| • Options | Dimmable by means of 1-10V Approved dimmers: Dynadimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated! | | |

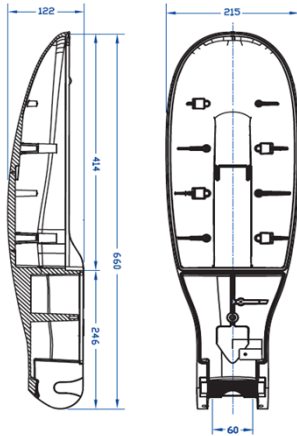
Lumis Led

Innolumis

Versie: 01 d.d. 01-februari-2011

Moonlight 36 Watt

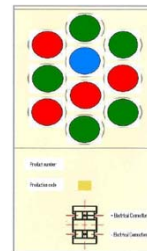
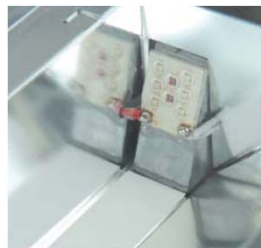
Sketch



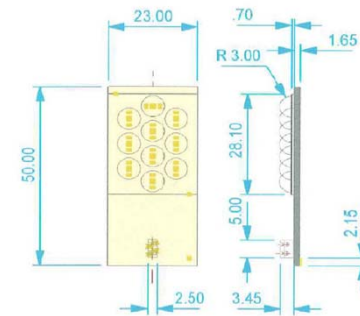
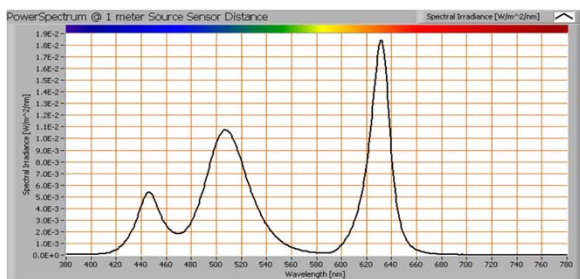
Profile Lumis LED



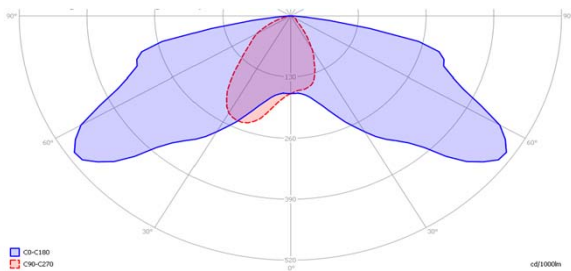
Lightsource



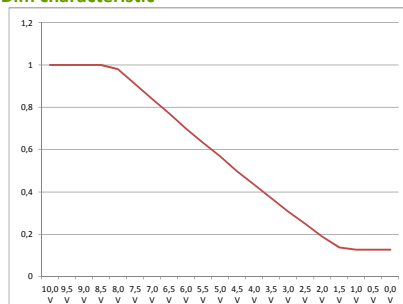
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

Versie: 01.d.d. 01-februari-2011

Moonlight 56 Watt



- Product advantages
- Better visibility which results in better perception
- Energy savings of up to 70% compared to conventional luminaires, therefore reduced emission of CO₂
- Service life of up to 80,000 hours due to the use of pure, high quality LEDs without phosphors
- Total costs (Total Cost of Ownership, TCO) lower than most conventional lighting
- Good light distribution
- Good colour recognition
- Low level of light pollution
- S/P ratio: 3.2
- Many areas of application, such as residential areas, parks, footpaths, cycle paths, industrial estates, provincial roads and car parks
- Retrofit solution
- Dimmable version available
- CE marking by KEMA
- Complies with RoHS standards, based on EU directives
- Free of heavy metals
- Eco-friendly product

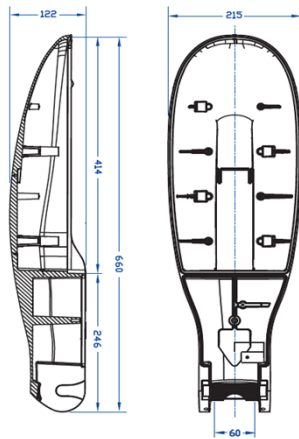
Specifications

| | | | |
|--|--|---------------------------------------|--|
| • Type | Moonlight | • Connection | 3 or 5-pin Wieland plug (supplied) |
| • Version | White light with a green glow | • Materials and finish | Housing: High Pressure Die Casting aluminum (LM6 quality) Finish: Powder coated, antifouling (protection against undesirable accumulation of microorganisms, plants and/or algae) |
| • Light source | Lumis Led 56 Watt | • Sizes (lxbxh) | 660*214*122 mm |
| • Number of light sources | 4 compartments | • Weight | 4,7 kg |
| • Number Leds per light source | 10 Leds | • Color | Ral 7032, Pebble Grey |
| • Color composition by source | 5 x Green 4 x Red 1 x Blue | • Color options | All standard RAL colors at additional charge |
| • Flux | 3200 lumen | • Installation | Assembly 42-60 mm standard Integrated flexi-fit |
| • Flux | Similar to: NAV-T 150 Watt Sox-E 91 Watt High Pressure Mercury Lamp 125 W CDO-TT 150 Watt (Metal Halide) CPO 90 Watt (CosmoWhite) | • Installation height | 8-12 meters |
| • Light color (color point) | x/y = 0,319/0,327 | • Adjustable tilt | Yes, 5 degrees per setting |
| • Light color comparable in Kelvin (K) | < 3500K | • Maintenance | Closed with allen-screw from the bottom Sealed for Life |
| • Colour recognition | Perfect | • Driver and light source compartment | |
| • S/P ratio | 3,2 | • Lifetime | 80.000 hours |
| • Power | Max. 58 Watt | • Failure rate and Lumen maintenance | < 10% by 80.000 hours > 70% by 80.000 hours |
| • Driver | 220V/240V - 50/60Hz Integrated | • Application | Main roads Local access roads Residential areas Yes, KEMA keur |
| • Cos φ (Cos Phi) | > 0,9 | • CE Marking | |
| • Density fitting | IP 66 | | |
| • Vandal resistant | IK10 | | |
| • Glare factor | G6 | | |
| • Optics | Standard wide-angle | | |
| • Optical cover | Glass, flat glass only | | |
| • Options | Dimmable by means of 1-10V Approved dimmers: Dynadimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated! | | |

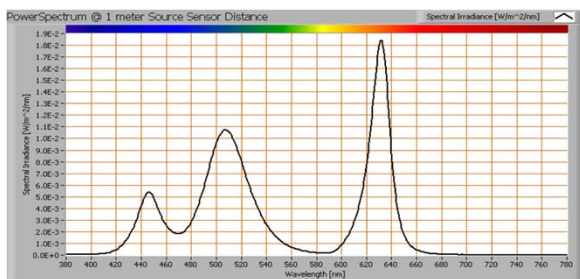
Lumis Led

Moonlight 56 Watt

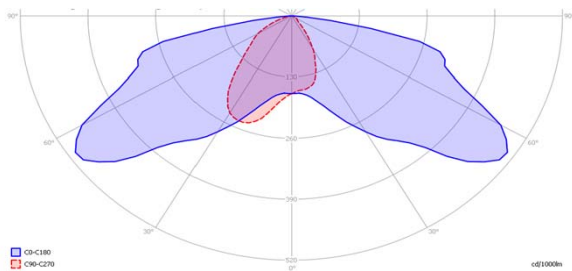
Sketch



Spectral distribution



Lightchart



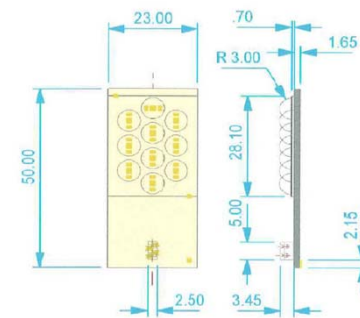
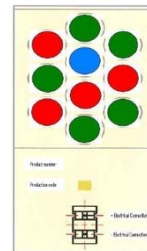
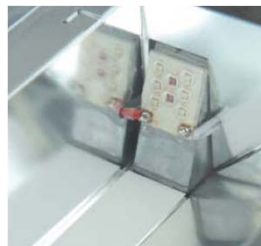
Innoluminis

Versie: 01 d.d. 01-februari-2011

Profile Lumis LED



Lightsource



Dim characteristic

