

Lumis Led

Innolumis

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

White 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	White Moonlight	• Connection	3 or 5-pin Wieland plug (supplied)
• Version	White light	• 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		Gasket: Aviation sealing
• Color composition by source	5 x Green 4 x Red 1 x Blue		Optical cover: Glass, thermally cured
• Flux	651 lumen	• Sizes (lxbxh)	660*214*122 mm
• Flux	Similar to: Sox-E 26 Watt Fluorescent Lamp 24 Watt	• Weight	4,7 kg
		• Color	Ral 7032, Pebble Grey
		• Color options	All standard RAL colors at additional charge
• Light color (color point)	x/y = 0.23/0.29	• Installation	Assembly 42-60 mm standard Integrated flexi-fit
• Light color comparable in Kelvin (K)	< 4000 K	• Installation height	4-6 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. 10 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!		

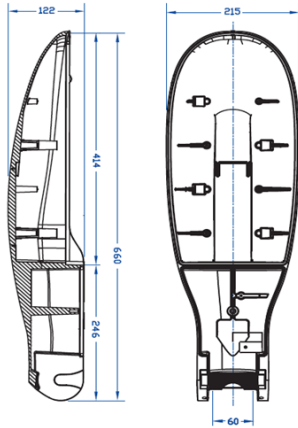
Lumis Led

Innolumis

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

White Moonlight 10 Watt

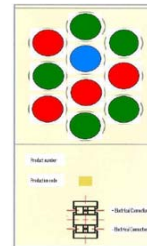
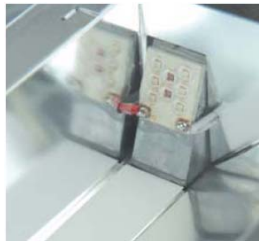
Sketch



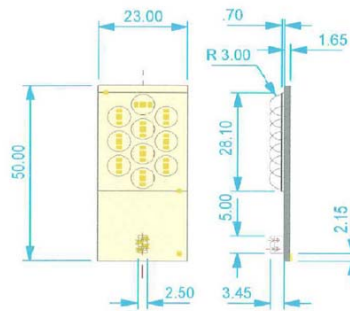
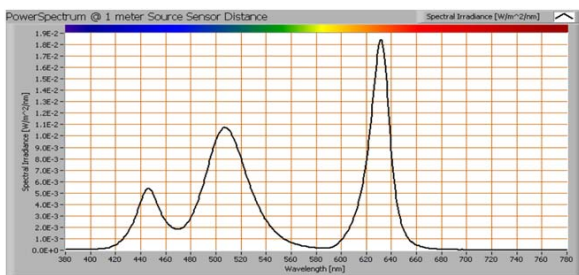
Profile Lumis LED



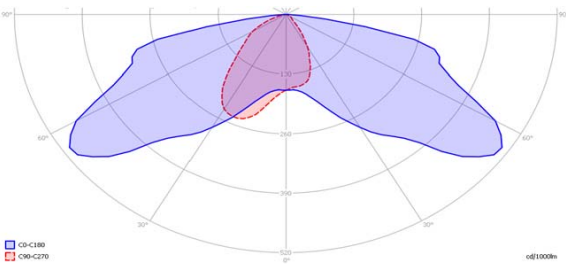
Lightsource



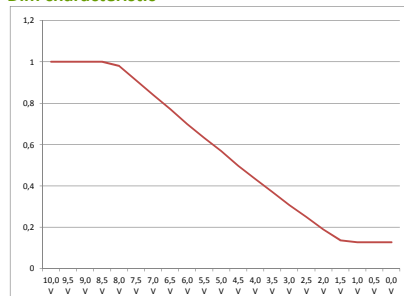
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

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

White 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	White Moonlight	• Connection	3 or 5-pin Wieland plug (supplied)
• Version	White light	• 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		Gasket: Aviation sealing
• Color composition by source	5 x Green 4 x Red 1 x Blue		Optical cover: Glass, thermally cured
• Flux	1039 lumen	• Sizes (lxbxh)	660*214*122 mm
• Flux	Similar to: NAV-T 50 Watt Sox-E 26 Watt Fluorescent Lamp 36 Watt	• Weight	4,7 kg
		• Color	Ral 7032, Pebble Grey
		• Color options	All standard RAL colors at additional charge
• Light color (color point)	x/y = 0.23/0.29	• Installation	Assembly 42-60 mm standard Integrated flexi-fit
• Light color comparable in Kelvin (K)	< 4000 K	• 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!		

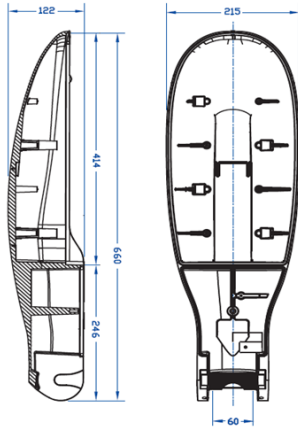
Lumis Led

Innolumis

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

White Moonlight 16 Watt

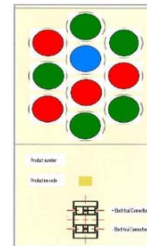
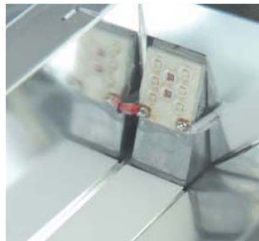
Sketch



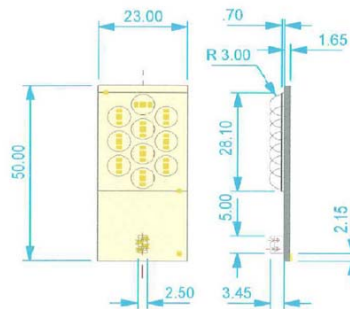
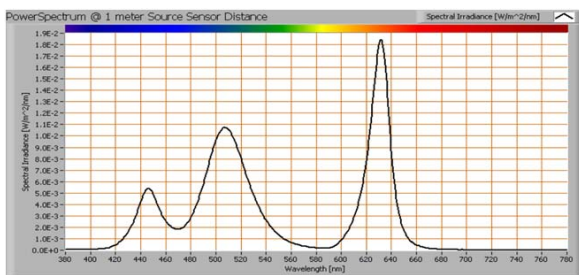
Profile Lumis LED



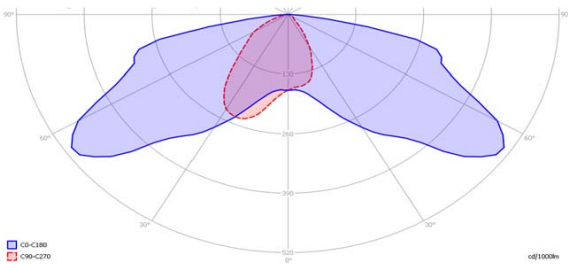
Lightsource



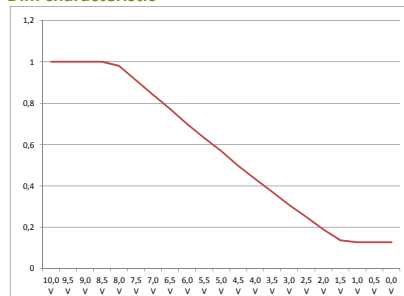
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

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

White 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

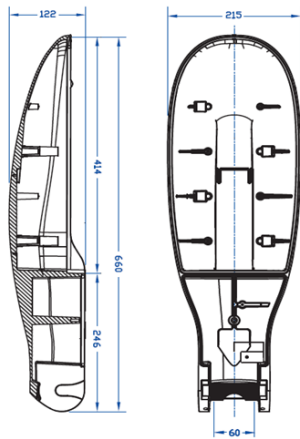
Specifications

• Type	White Moonlight	• Connection	3 or 5-pin Wieland plug (supplied)
• Version	White light	• 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		Gasket: Aviation sealing
• Color composition by source	5 x Green 4 x Red 1 x Blue		Optical cover: Glass, thermally cured
• Flux	1363 lumen	• Sizes (lxbxh)	660*214*122 mm
• 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)	• Weight	4,7 kg
• Light color (color point)	x/y = 0.23/0.29	• Color	Ral 7032, Pebble Grey
• Light color comparable in Kelvin (K)	< 4000 K	• Color options	All standard RAL colors at additional charge
• Colour recognition	Perfect	• Installation	Assembly 42-60 mm standard Integrated flexi-fit
• S/P ratio	3,2	• Installation height	6-10 meters
• Power	Max. 29 Watt	• Adjustable tilt	Yes, 5 degrees per setting
• Driver	220V/240V - 50/60Hz Integrated	• Maintenance	Closed with allen-screw from the bottom
• Cos φ (Cos Phi)	> 0,9	• Driver and light source compartment	Sealed for Life
• Density fitting	IP 66	• Lifetime	80.000 hours
• Vandal resistant	IK10	• Failure rate and Lumen maintenance	< 10% by 80.000 hours > 70% by 80.000 hours
• Glare factor	G6	• Application	Main roads Local access roads Residential areas
• Optics	Standard wide-angle	• CE Marking	Yes, KEMA keur
• 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!		

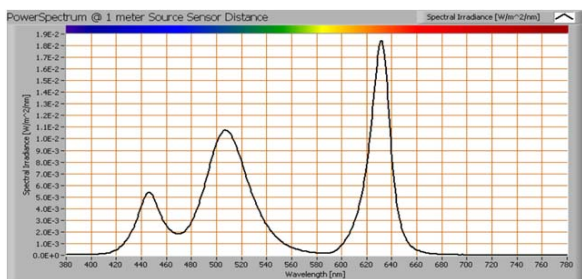
Lumis Led

White Moonlight 24 Watt

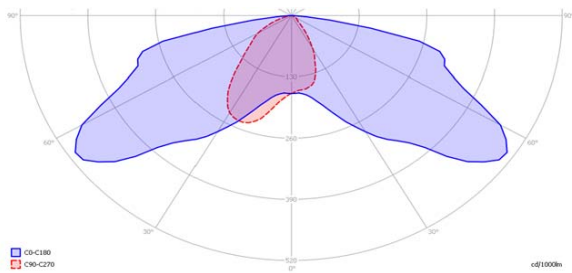
Sketch



Spectral distribution



Lightchart



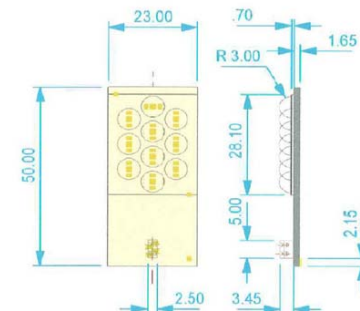
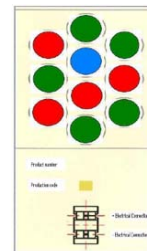
Innolumis

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

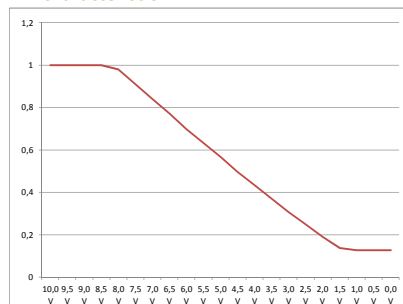
Profile Lumis LED



Lightsource



Dim characteristic



Lumis Led

Innolumis

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

White 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

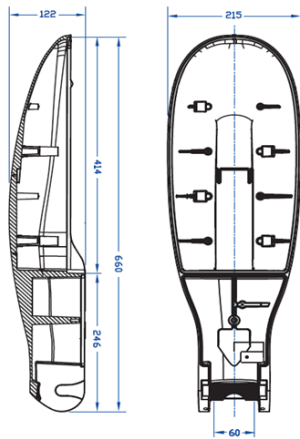
Specifications

• Type	White Moonlight	• Connection	3 or 5-pin Wieland plug (supplied)
• Version	White light	• 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		Gasket: Aviation sealing
• Color composition by source	5 x Green 4 x Red 1 x Blue		Optical cover: Glass, thermally cured
• Flux	1696 lumen	• Sizes (lxbxh)	660*214*122 mm
• 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)	• Weight	4,7 kg
• Light color (color point)	x/y = 0.23/0.29	• Color	Ral 7032, Pebble Grey
• Light color comparable in Kelvin (K)	< 4000 K	• Color options	All standard RAL colors at additional charge
• Colour recognition	Perfect	• Installation	Assembly 42-60 mm standard Integrated flexi-fit
• S/P ratio	3,2	• Installation height	6-10 meters
• Power	Max. 40 Watt	• Adjustable tilt	Yes, 5 degrees per setting
• Driver	220V/240V - 50/60Hz Integrated	• Maintenance	Closed with allen-screw from the bottom
• Cos φ (Cos Phi)	> 0,9	• Driver and light source compartment	Sealed for Life
• Density fitting	IP 66	• Lifetime	80.000 hours
• Vandal resistant	IK10	• Failure rate and Lumen maintenance	< 10% by 80.000 hours > 70% by 80.000 hours
• Glare factor	G6	• Application	Main roads Local access roads Residential areas
• Optics	Standard wide-angle	• CE Marking	Yes, KEMA keur
• 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!		

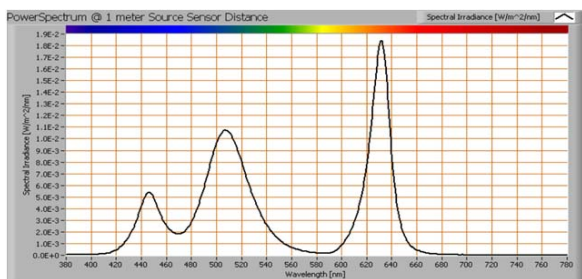
Lumis Led

White Moonlight 36 Watt

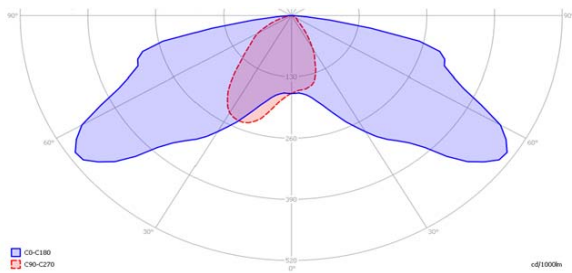
Sketch



Spectral distribution



Lightchart



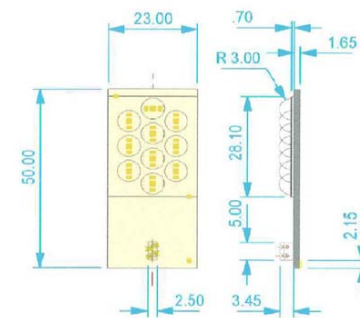
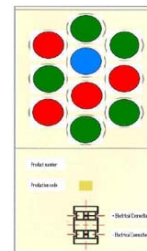
Innoluminis

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

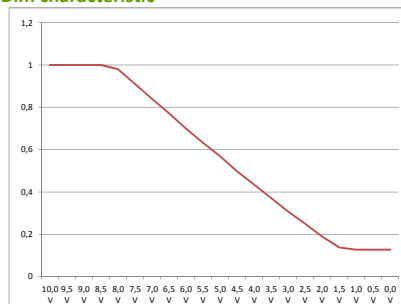
Profile Lumis LED



Lightsource



Dim characteristic



Lumis Led

Innolumis

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

White 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	White Moonlight	• Connection	3 or 5-pin Wieland plug (supplied)
• Version	White light	• Materials and finish	Housing: High Pressure Die Casting aluminum (LM6 quality)
• Light source	Lumis Led 56 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		Gasket: Aviation sealing
• Color composition by source	5 x Green 4 x Red 1 x Blue		Optical cover: Glass, thermally cured
• Flux	3200 lumen	• Sizes (lxbxh)	660*214*122 mm
• Flux	Similar to: NAV-T 150 Watt Sox-E 91 Watt High Pressure Mercury Lamp 125 Watt CDO-TT 150 Watt (Metal Halide) CPO 90 Watt (CosmoWhite)	• Weight	4,7 kg
• Light color (color point)	x/y = 0.23/0.29	• Color	Ral 7032, Pebble Grey
• Light color comparable in Kelvin (K)	< 4000 K	• Color options	All standard RAL colors at additional charge
• Colour recognition	Perfect	• Installation	Assembly 42-60 mm standard Integrated flexi-fit
• S/P ratio	3,2	• Installation height	8-12 meters
• Power	Max. 58 Watt	• Adjustable tilt	Yes, 5 degrees per setting
• Driver	220V/240V - 50/60Hz Integrated	• Maintenance	Closed with allen-screw from the bottom
• Cos φ (Cos Phi)	> 0,9	• Driver and light source compartment	Sealed for Life
• Density fitting	IP 66	• Lifetime	80.000 hours
• Vandal resistant	IK10	• Failure rate and Lumen maintenance	< 10% by 80.000 hours > 70% by 80.000 hours
• Glare factor	G6	• Application	Main roads Local access roads Residential areas
• Optics	Standard wide-angle	• CE Marking	Yes, KEMA keur
• Optical cover	Glass, flat glass only		
• Options	Dimmable by means of 1-10V Approved dimmers: Dynamimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated!		

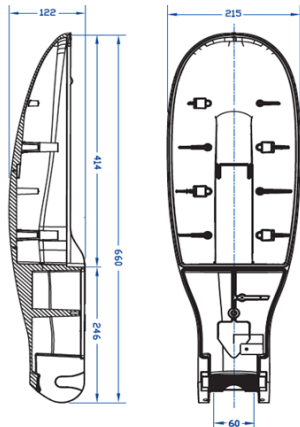
Lumis Led

Innolumis

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

White Moonlight 56 Watt

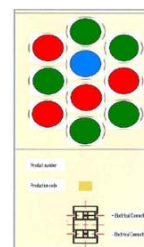
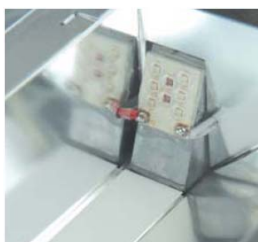
Sketch



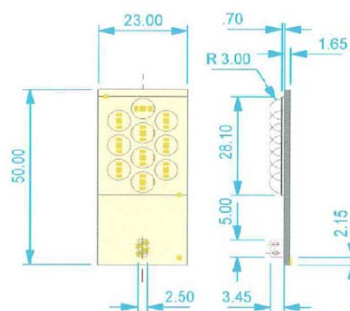
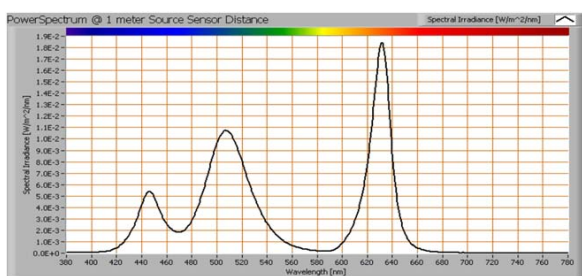
Profile Lumis LED



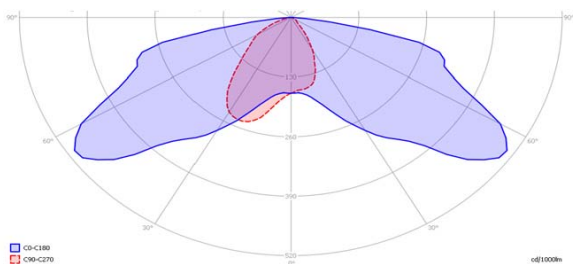
Lightsource



Spectral distribution



Lightchart



Dim characteristic

