

Lumis Led

Golden Green 10 Watt

Innolumis

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



- 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: 2,4
- 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	Golden Green	· Connection	3 or 5-pin Wieland plug (supplied)
· Version	Green color with golden 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	6 x Green 4 x Red	· Sizes (lxbxh)	660*214*122 mm
		· Weight	4,7 kg
· Flux	760 lumen	· Color	Ral 7032, Pebble Grey
· Flux	Similar to: 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 = 0.405/0.501	· Installation height	4-6 meters
· Light color comparable in Kelvin (K)	not applicable	· Adjustable tilt	Yes, 5 degrees per setting
· Colour recognition	Good	· Maintenance	Closed with allen-screw from the bottom
· S/P ratio	2,4	· 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	Green residential areas Populated rural areas Green and sustainable character of a specific area
· 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!		

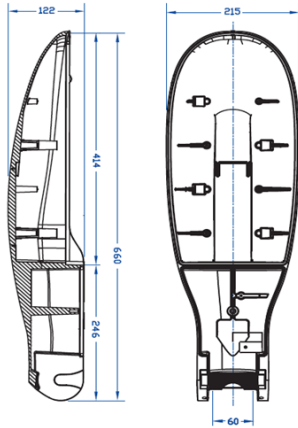
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Innoluminis

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

Golden Green 10 Watt

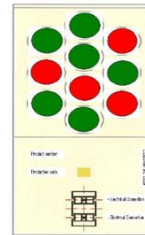
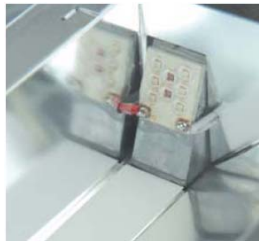
Sketch



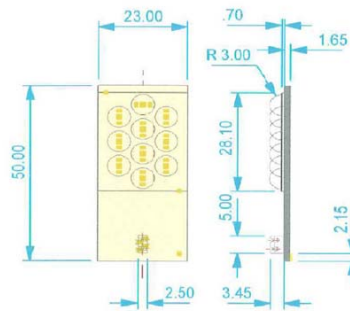
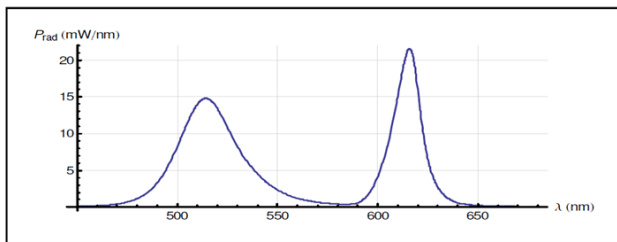
Profile Lumis LED



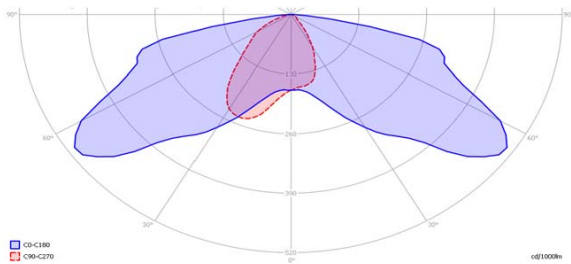
Lightsource



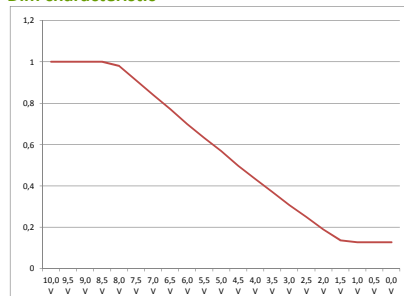
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

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

Golden Green 16 Watt



- Product advantages
- Better visibility which results in better perception
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- 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: 2,4
- 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

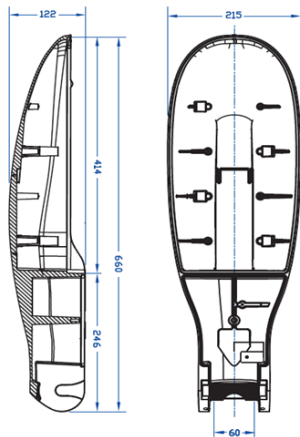
Specifications

· Type	Golden Green	· Connection	3 or 5-pin Wieland plug (supplied)
· Version	Green color with golden 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	6 x Green 4 x Red	· Sizes (lxbxh)	660*214*122 mm
		· Weight	4,7 kg
· Flux	1215 lumen	· Color	Ral 7032, Pebble Grey
· Flux	Similar to: NAV-T 50 Watt Sox-E 26 Watt Fluorescent Lamp 36 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 = 0.405/0.501	· Installation height	5-8 meters
· Light color comparable in Kelvin (K)	not applicable	· Adjustable tilt	Yes, 5 degrees per setting
· Colour recognition	Good	· Maintenance	Closed with allen-screw from the bottom
· S/P ratio	2,4	· Driver and light source compartment	Sealed for Life
· Power	Max. 21 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	Green residential areas Populated rural areas Green and sustainable character of a specific area
· 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

Golden Green 16 Watt

Sketch



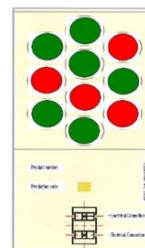
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Versie: 01 d.d. 01-februari-2011

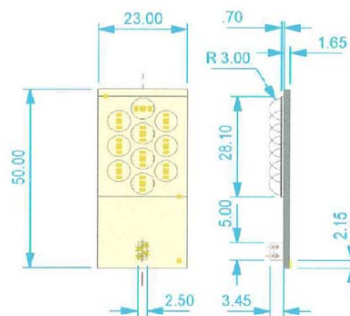
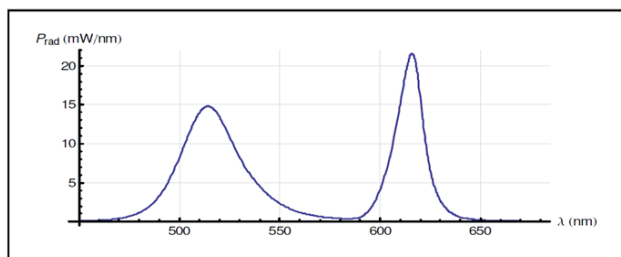
Profile Lumis LED



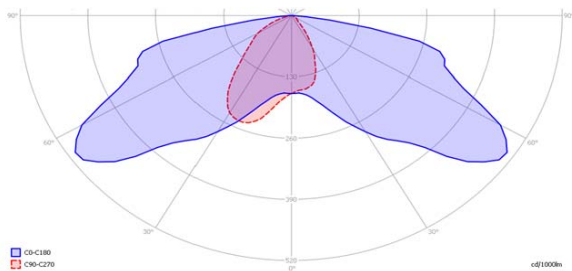
Lightsource



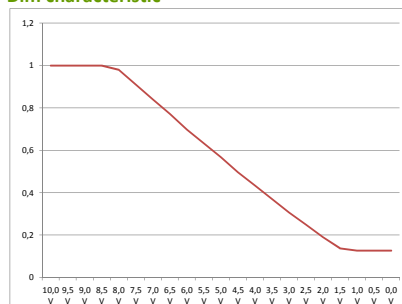
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Innolumis

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

Golden Green 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: 2,4
- 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

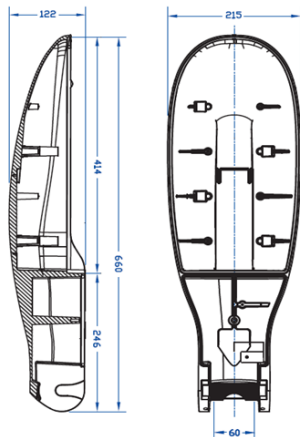
Specifications

· Type	Golden Green	· Connection	3 or 5-pin Wieland plug (supplied)
· Version	Green color with golden 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	6 x Green 4 x Red	· Sizes (lxbxh)	660*214*122 mm
		· Weight	4,7 kg
· Flux	1593 lumen	· Color	Ral 7032, Pebble Grey
· 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 options	All standard RAL colors at additional charge
		· Installation	Assembly 42-60 mm standard Integrated flexi-fit
· Light color (color point)	x/y = 0.405/0.501	· Installation height	6-10 meters
· Light color comparable in Kelvin (K)	not applicable	· Adjustable tilt	Yes, 5 degrees per setting
· Colour recognition	Good	· Maintenance	Closed with allen-screw from the bottom
· S/P ratio	2,4	· Driver and light source compartment	Sealed for Life
· Power	Max. 29 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	Green residential areas Populated rural areas Green and sustainable character of a specific area
· 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!		

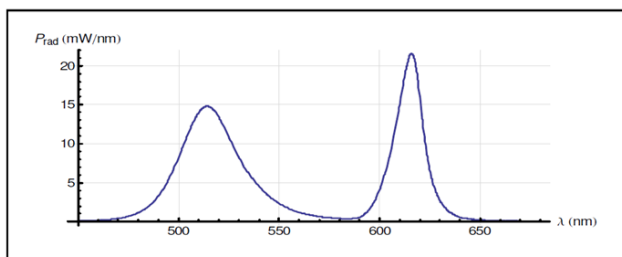
Lumis Led

Golden Green 24 Watt

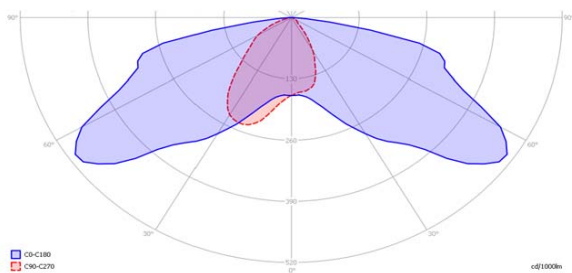
Sketch



Spectral distribution



Lightchart



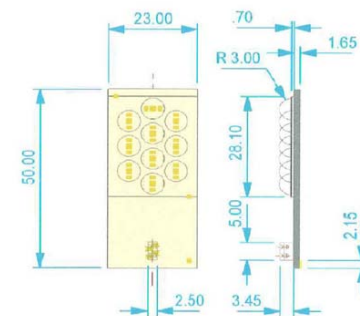
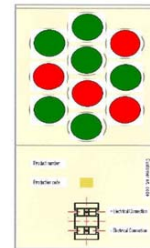
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Versie: 01 d.d. 01-februari-2011

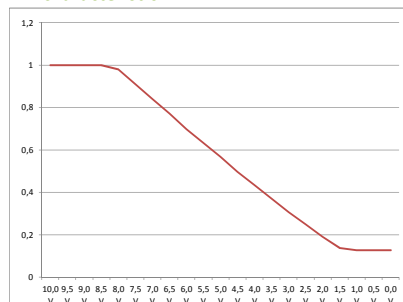
Profile Lumis LED



Lightsource



Dim characteristic



Lumis Led

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

Golden Green 36 Watt



- Product advantages
- Better visibility which results in better perception
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- 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: 2,4
- 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	Golden Green	· Connection	3 or 5-pin Wieland plug (supplied)
· Version	Green color with golden 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	· Sizes (lxbxh)	Optical cover: Glass, thermally cured
· Color composition by source	6 x Green 4 x Red	· Weight	660*214*122 mm
		· Color	4,7 kg
· Flux	1982 lumen	· Color options	Ral 7032, Pebble Grey
· 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)	· Installation	All standard RAL colors at additional charge
		· Installation height	Assembly 42-60 mm standard
· Light color (color point)	x/y = 0.405/0.501	· Adjustable tilt	Integrated flexi-fit
· Light color comparable in Kelvin (K)	not applicable	· Maintenance	6-10 meters
· Colour recognition	Good	· Driver and light source compartment	Yes, 5 degrees per setting
· S/P ratio	2,4	· Lifetime	Closed with allen-screw from the bottom
· Power	Max. 40 Watt	· Failure rate and Lumen maintenance	Sealed for Life
· Driver	220V/240V - 50/60Hz Integrated	· Application	80.000 hours < 10% by 80.000 hours > 70% by 80.000 hours
· Cos φ (Cos Phi)	> 0,9	· CE Marking	Green residential areas Populated rural areas Green and sustainable character of a specific area
· Density fitting	IP 66		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!		

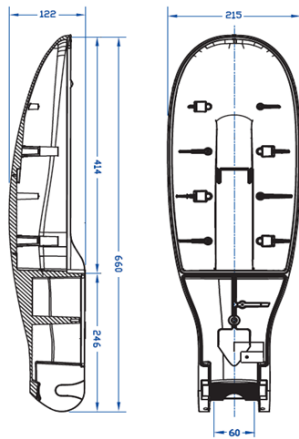
Lumis Led

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

Golden Green 36 Watt

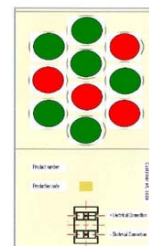
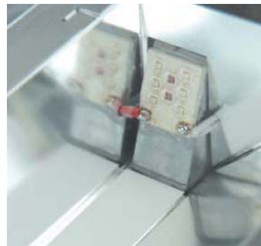
Sketch



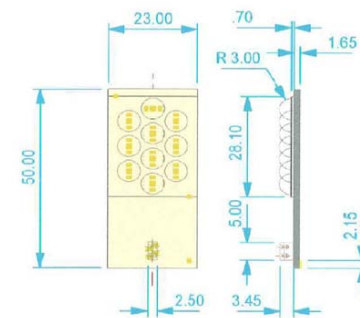
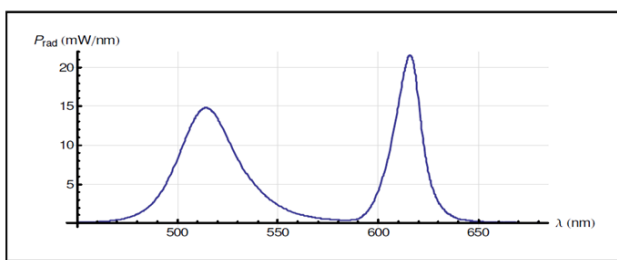
Profile Lumis LED



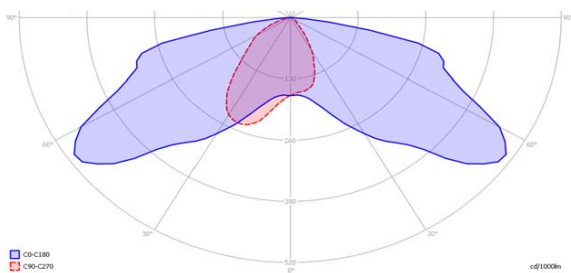
Lightsource



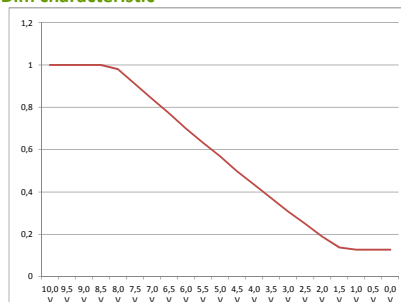
Spectral distribution



Lightchart



Dim characteristic



Lumis Led

Golden Green 56 Watt

Innolumis

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- S/P ratio: 2,4
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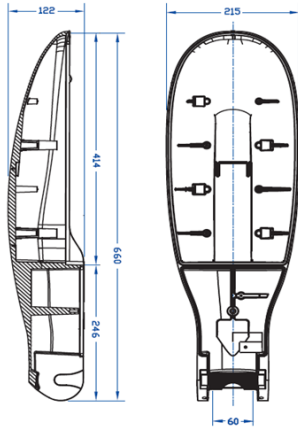
Specifications

· Type	Golden Green	· Connection	3 or 5-pin Wieland plug (supplied)
· Version	Green color with golden glow	· 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		Optical cover: Glass, thermally cured
· Color composition by source	6 x Green 4 x Red	· Sizes (lxbxh)	660*214*122 mm
		· Weight	4,7 kg
· Flux	3200 lumen	· Color	Ral 7032, Pebble Grey
· 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)	· Color options	All standard RAL colors at additional charge
	x/y = 0.405/0.501	· Installation	Assembly 42-60 mm standard Integrated flexi-fit
· Light color (color point)	not applicable	· Installation height	8-12 meters
· Light color comparable in Kelvin (K)	Good	· Adjustable tilt	Yes, 5 degrees per setting
· Colour recognition	2,4	· Maintenance	Closed with allen-screw from the bottom
· S/P ratio	Max. 58 Watt	· Driver and light source compartment	Sealed for Life
· Power	220V/240V - 50/60Hz	· Lifetime	80.000 hours
· Driver	Integrated	· Failure rate and Lumen maintenance	< 10% by 80.000 hours > 70% by 80.000 hours
· Cos φ (Cos Phi)	> 0,9	· Application	Green residential areas Populated rural areas Green and sustainable character of a specific area
· 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: Dyandimmer Liandimmer SDU OLC PLM * Dimmer must be galvanically isolated!		

Lumis Led

Golden Green 56 Watt

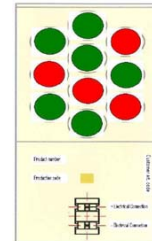
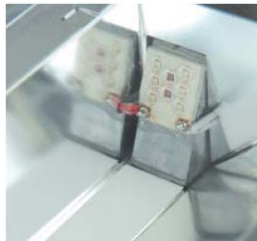
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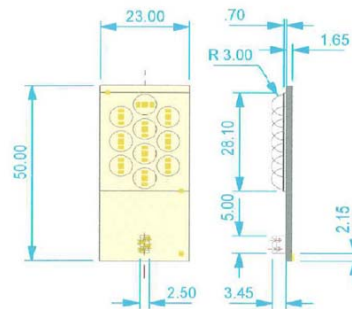
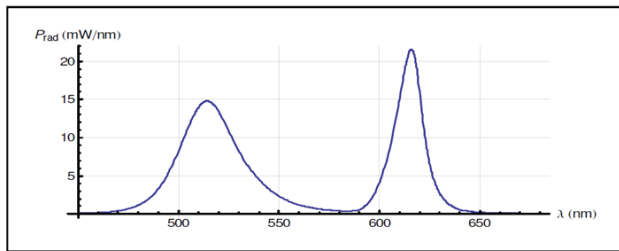
Profile Lumis LED



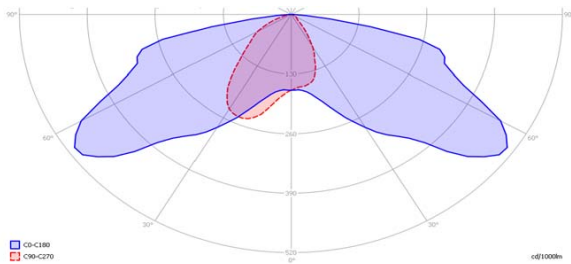
Lightsource



Spectral distribution



Lightchart



Dim characteristic

