

Catalogo – ILLUMINAZIONE A LED

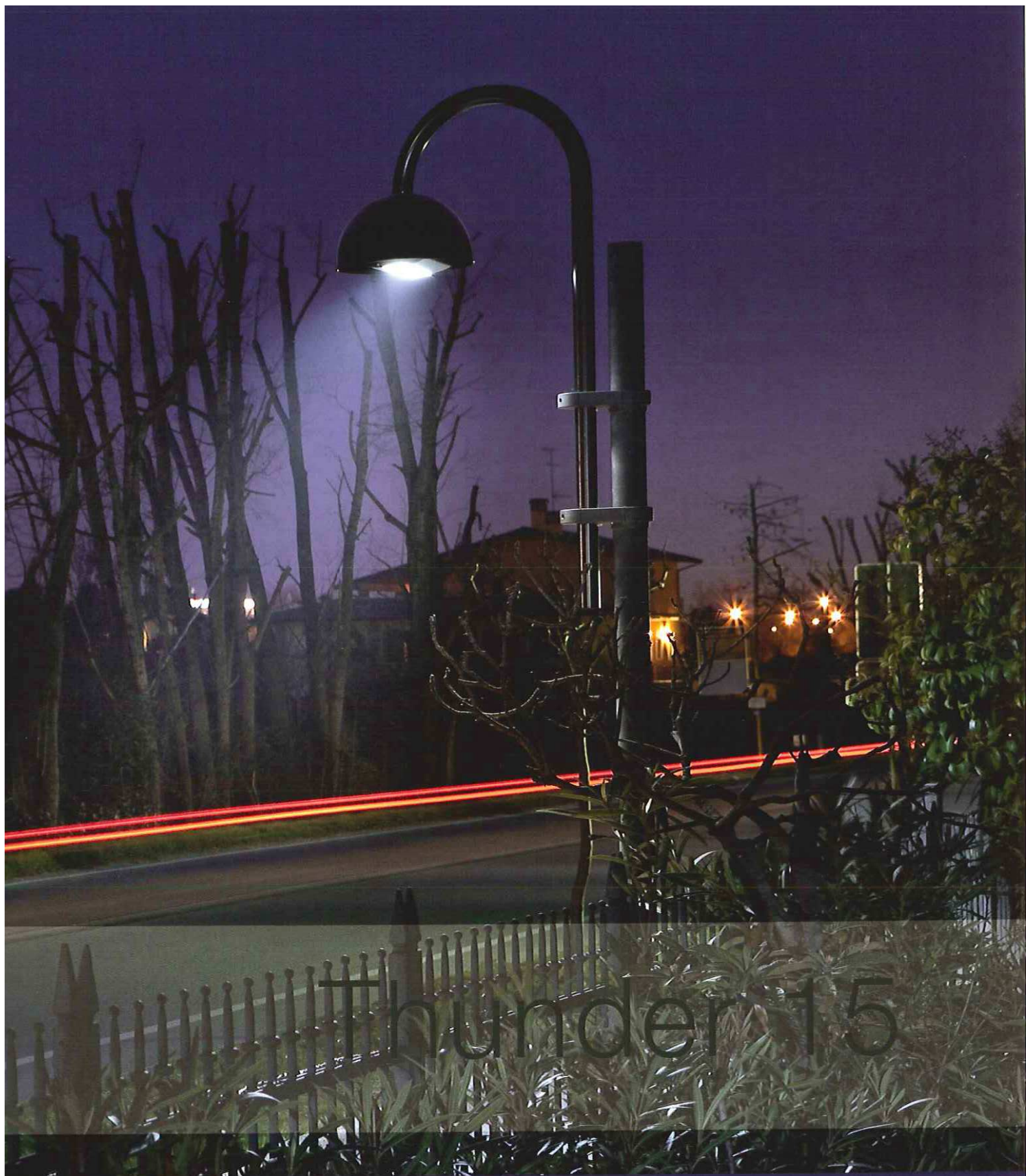
illuminazione stradale



ZA TEXTILE

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Thunder 15

Street Lighting



THUNDER 15AF

Cod. F0070A09

Vertical pole installation - fixed inclination

16 White LED - 1.280 lm - 140°x0°+45°

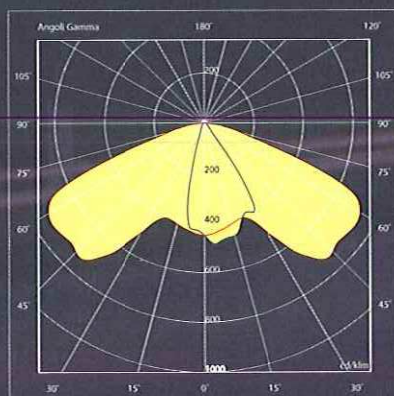
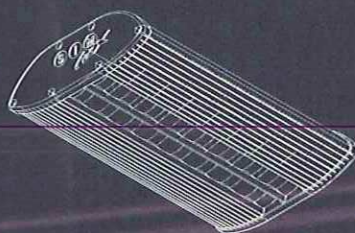
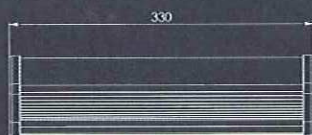


THUNDER 15AR

Cod. F0087A09

Vertical pole installation - Adjustable inclination

16 White LED - 1.280 lm - 140°x45°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 20W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 16 LED 1.1 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
> 0.9

Massa
Weight 5 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

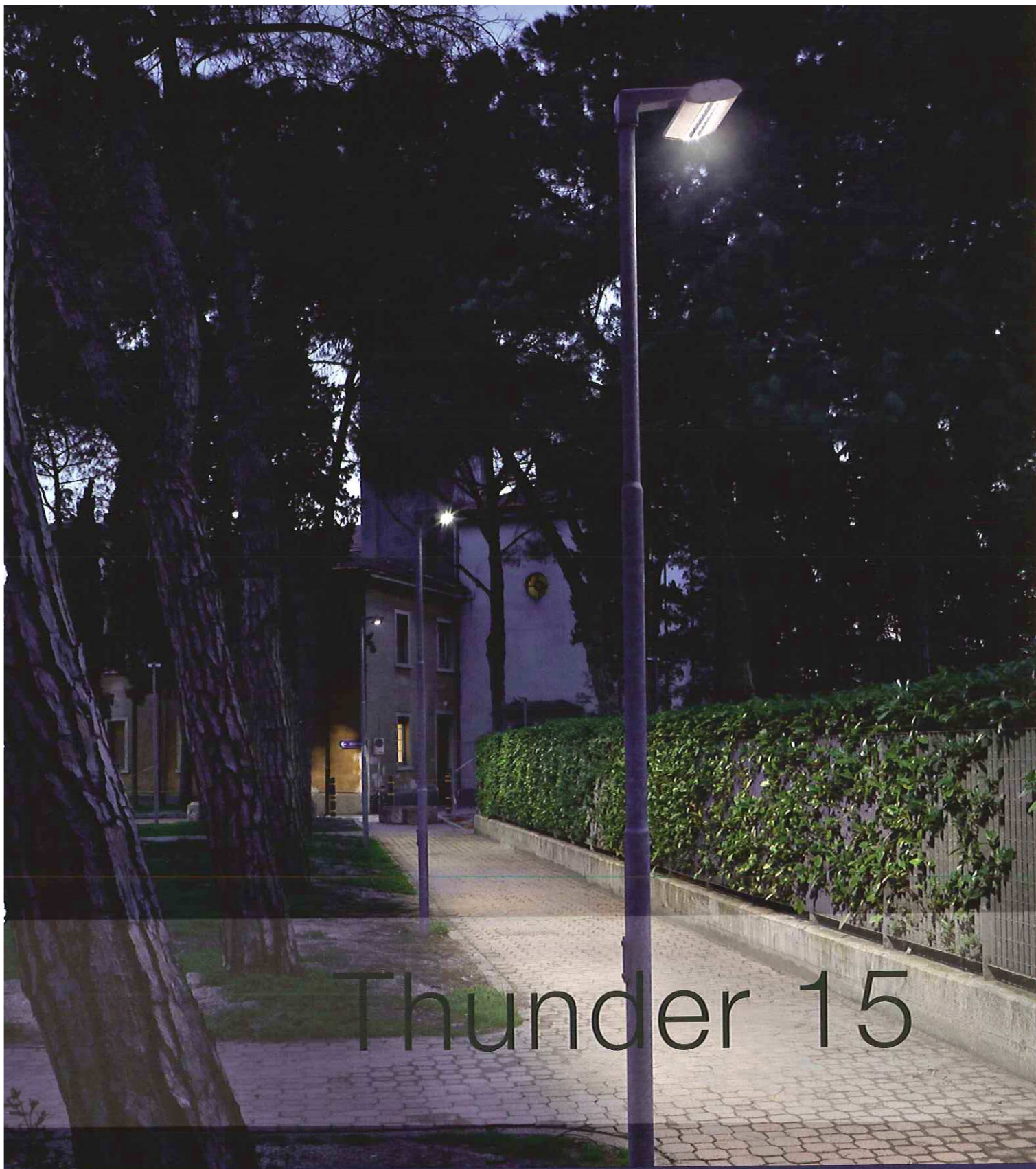
Disponibili anche nelle varianti
Available also for varying 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented
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Thunder 15

Street Lighting



THUNDER 15AF

Cod. F0070A09

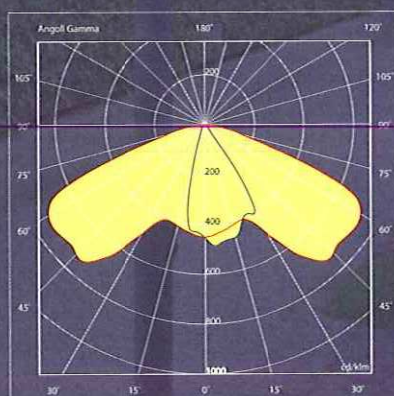
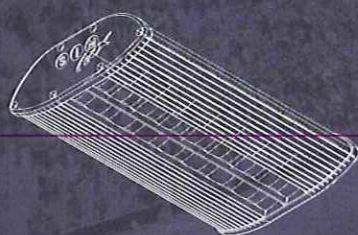
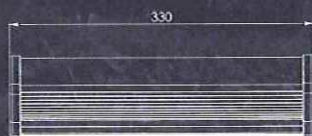
Vertical pole installation - fixed inclination
16 White LED - 1.280 lm - 140°x0°+45°



THUNDER 15AR

Cod. F0087A09

Vertical pole installation - Adjustable inclination
16 White LED - 1.280 lm - 140°x45°



Tensione <i>Voltage</i>	180÷260V
Potenza massima complessiva <i>Total Power System</i>	20W
Grado di protezione lampada <i>Lamp Degrees of protection</i>	IP66
Grado di protezione alimentatore <i>Power Supply Degrees of protection</i>	IP44
Classe isolamento lampada <i>Lamp insulation class</i>	classe III
Classe isolamento alimentatore <i>Power Supply insulation class</i>	classe II
Fonte luminosa <i>Light emitters</i>	16 LED 1.1 W
Temperatura Colore <i>Colour temperature</i>	5000 K
Resa cromatica <i>Rendering index</i>	(Ra) > 85
Vita LED <i>LED lifetime</i>	>50.000 h
Rendimento <i>Efficiency</i>	89%
Ts-Ta PFC	<21°C > 0.9
Massa <i>Weight</i>	5 Kg
Materiale <i>Material</i>	Alluminio e PMMA <i>Alluminio e PMMA</i>
Temperatura operativa <i>Operative Temperature</i>	-30°C + 50°C
Umidità operativa lampada <i>Lamp Operative Humidity</i>	0-100 % R
Disponibili anche nelle varianti <i>Available also for varying</i>	90÷140V AC 10÷30V DC
	4.000/3.000 K
	RAL a richiesta <i>RAL on demand</i>



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Thunder 25

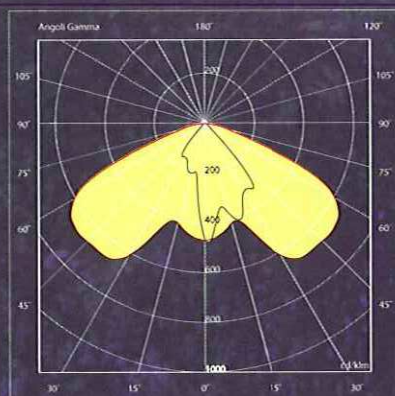
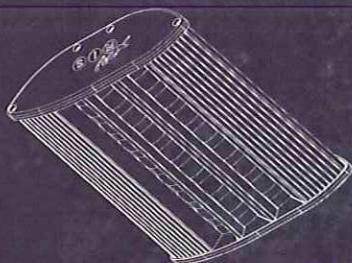
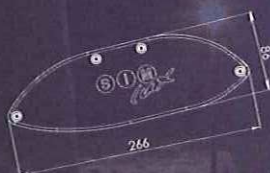
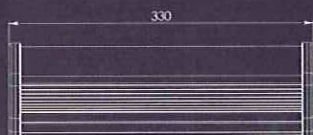
Street Lighting



 **THUNDER 25PF** **Cod. F0113A10**
Vertical pole installation - Fixed inclination
24 White LED - 1.920 lm - 140°x-30°+50°

 **THUNDER 25PR** **Cod.F0114A10**
Vertical pole installation - Adjustable inclination
24 White LED - 1.920 lm - 140°x80°

 **THUNDER 25PH** **Cod.F0115A10**
Horizontal pole installation - Adjustable inclination
24 White LED - 1.920 lm - 140°x80°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 30W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 24 LED 1.1 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC < 21°C
> 0.9

Massa
Weight 6,5 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

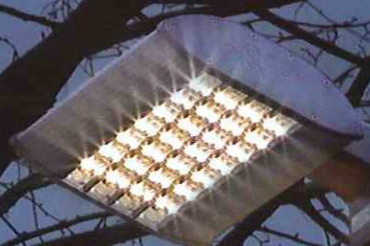
Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



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Thunder 30

Street Lighting



THUNDER 30AF Cod. F0071A09

Vertical pole installation - Fixed inclination
32 White LED - 2.560 lm - 140°x0°+45°



THUNDER 30AR Cod. F0088A09

Vertical pole installation - Adjustable inclination
32 White LED - 2.560 lm - 140°x45°



THUNDER 30AH Cod. F0072A09

Horizontal pole installation - Adjustable inclination
32 White LED - 2.560 lm - 140°x45°



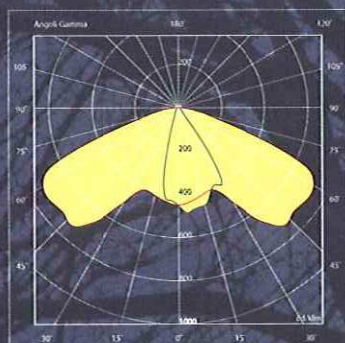
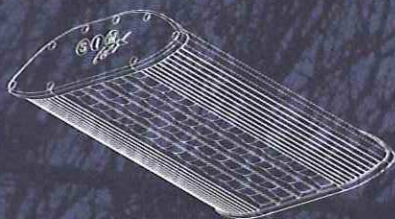
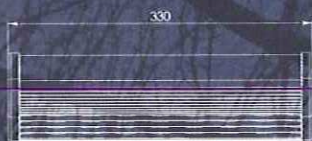
THUNDER 30G Cod. F0073A09

Tunnel double line installation - Fixed inclination
32 White LED - 2.560 lm; 140°x45°



THUNDER 30BW Cod. F0061A09

Wall installation - fixed inclination
32 White LED - 2.560 lm - 100°x45°



Tensione <i>Voltage</i>	180÷260V
Potenza massima complessiva <i>Total Power System</i>	38W
Grado di protezione lampada <i>Lamp Degrees of protection</i>	IP66
Grado di protezione alimentatore <i>Power Supply Degrees of protection</i>	IP44/IP66 thunder 30G
Classe isolamento lampada <i>Lamp insulation class</i>	classe III
Classe isolamento alimentatore <i>Power Supply insulation class</i>	classe II

Fonte luminosa <i>Light emitters</i>	32 LED 1.1 W
Temperatura Colore <i>Colour temperature</i>	5000 K

Resa cromatica <i>Rendering index</i>	(Ra) > 85
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Vita LED <i>LED lifetime</i>	>50.000 h
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Rendimento <i>Efficiency</i>	89%
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Ts-Ta PFC	< 21°C > 0.9
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Massa <i>Weight</i>	6,5 Kg
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Materiale <i>Material</i>	Alluminio e PMMA
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Temperatura operativa <i>Operative Temperature</i>	-30°C + 50°C
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Umidità operativa lampada <i>Lamp Operative Humidity</i>	0-100 % R
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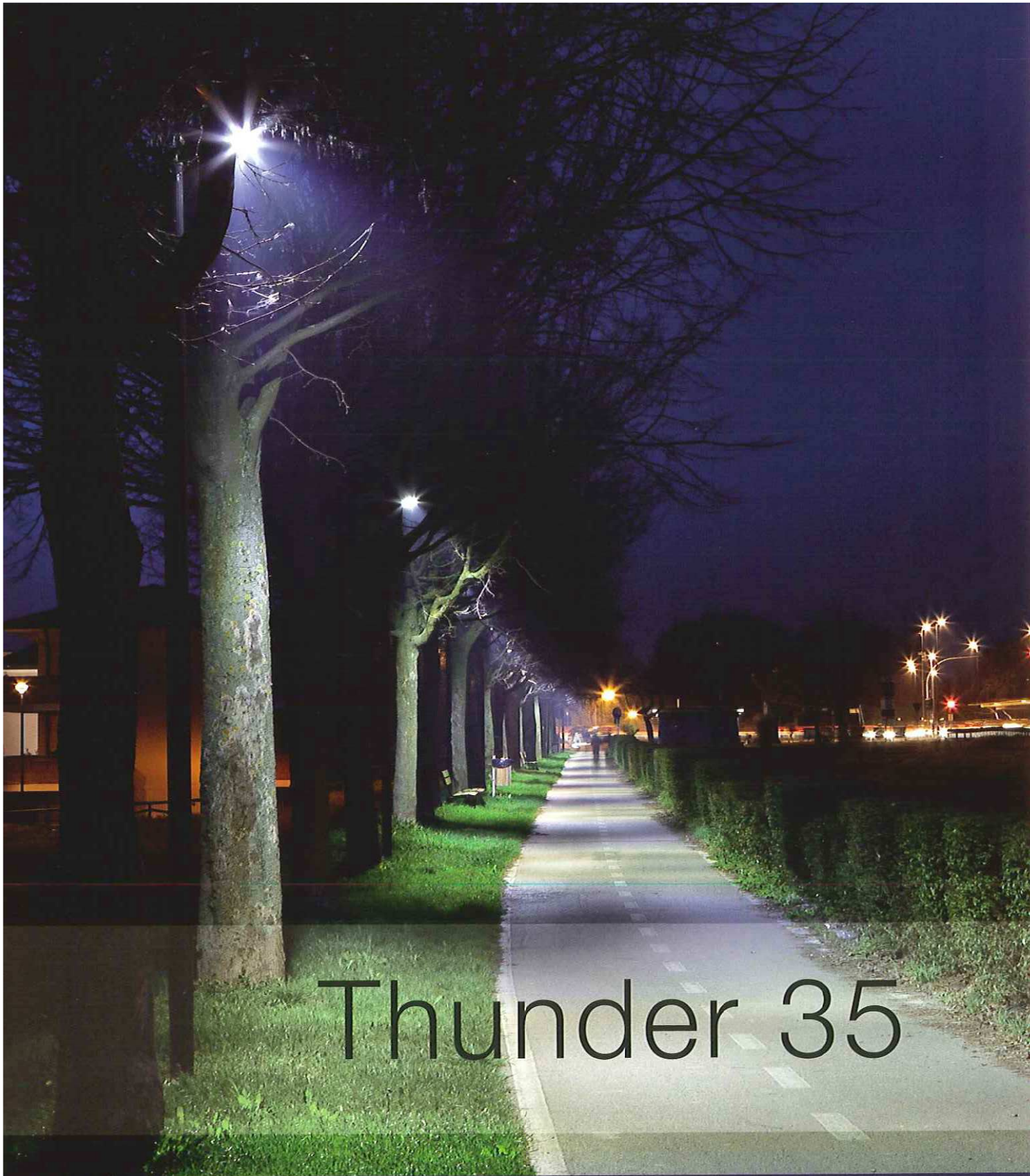
Disponibili anche nelle varianti <i>Available also for Voltage</i>	90÷140V AC 10÷30V DC
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4.000/3.000 K

RAL a richiesta
RAL on demand



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Thunder 35

Street Lighting



 THUNDER 35PF **Cod. F0116A10**

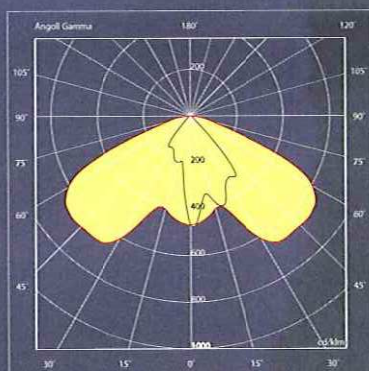
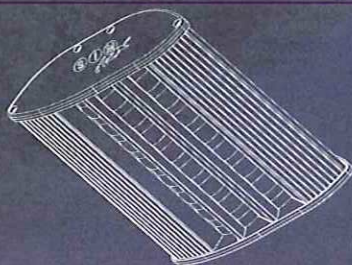
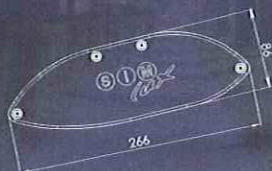
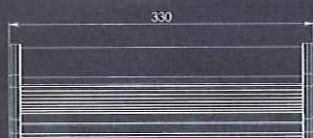
Vertical pole installation - Fixed inclination
24 White LED - 2.560 lm - 140°x-30°+50°

 THUNDER 35PR **Cod. F0117A10**

Vertical pole installation - Adjustable inclination
24 White LED - 2.560 lm - 140°x80°

 THUNDER 35PH **Cod. F0118A10**

Horizontal pole installation - Adjustable inclination
24 White LED - 2560 lm - 140°x80°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 40W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 24 LED 1.4 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering Index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
>0.9

Massa
Weight 6,5 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented
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Thunder 45

Street Lighting



 THUNDER 45AF **Cod. F0074A09**

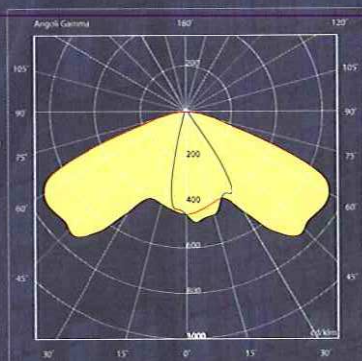
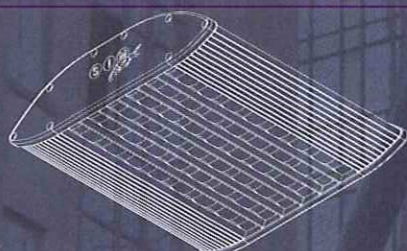
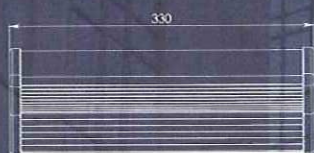
Vertical pole installation - Fixed inclination
48 White LED - 3840 lm - 140°x0°+45°

 THUNDER 45AR **Cod. F0089A09**

Vertical pole installation - Adjustable inclination
48 White LED - 3840 lm - 140°x45°

 THUNDER 45AH **Cod. F0076A09**

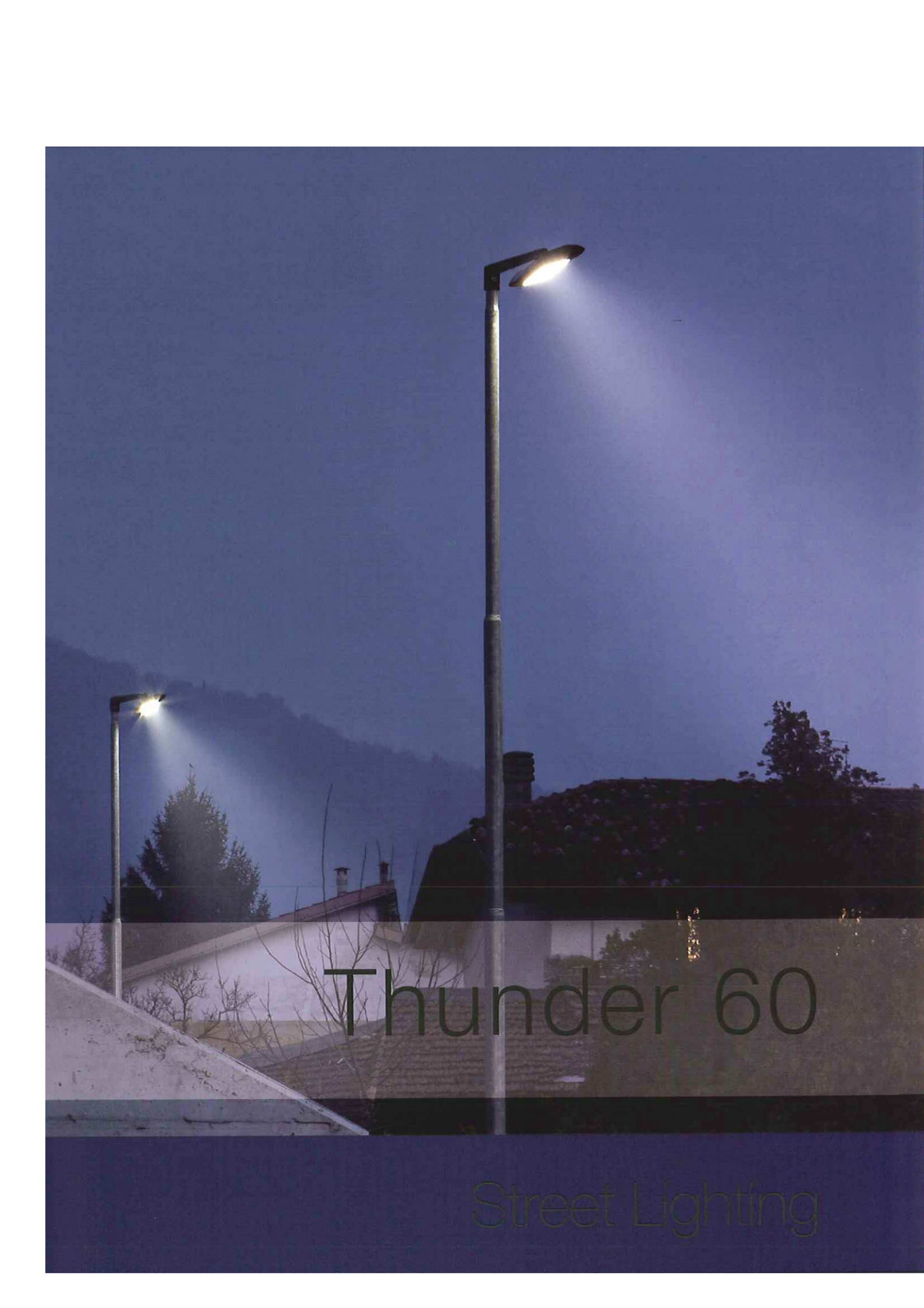
Horizontal pole installation - Adjustable inclination
48 White LED - 3840 lm - 140°x45°



Tensione <i>Voltage</i>	180÷260V
Potenza massima complessiva <i>Total Power System</i>	55W
Grado di protezione lampada <i>Lamp Degrees of protection</i>	IP66
Grado di protezione alimentatore <i>Power Supply Degrees of protection</i>	IP44 /IP66 thunder 45G
Classe isolamento lampada <i>Lamp insulation class</i>	classe III
Classe isolamento alimentatore <i>Power Supply insulation class</i>	classe II
Fonte luminosa <i>Light emitters</i>	48 LED 1.1 W
Temperatura Colore <i>Colour temperature</i>	5000 K
Resa cromatica <i>Rendering index</i>	(Ra) > 85
Vita LED <i>LED lifetime</i>	>50.000 h
Rendimento <i>Efficiency</i>	89%
Ts-Ta PFC	<21°C >0.9
Massa <i>Weight</i>	8 Kg
Materiale <i>Material</i>	Alluminio e PMMA <i>Aluminium e PMMA</i>
Temperatura operativa <i>Operative Temperature</i>	-30°C + 50°C
Umidità operativa lampada <i>Lamp Operative Humidity</i>	0-100 % R
Disponibili anche nelle varianti <i>Available also for Voltage</i>	90÷140V AC 10÷30V DC
	4.000/3.000 K
	RAL a richiesta <i>RAL on demand</i>



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Thunder 60

Street Lighting



THUNDER 60AF Cod. F0079A09

Vertical pole installation - Fixed inclination
64 White LED - 5.120 lm - 140°x0°+45°



THUNDER 60AR Cod. F0092A09

Vertical pole installation - Adjustable inclination
64 White LED - 5.120 lm - 140°x45°



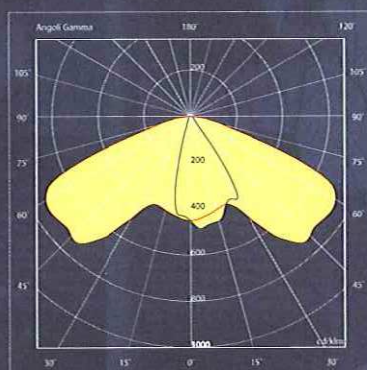
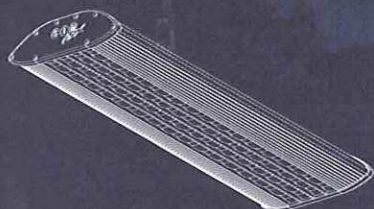
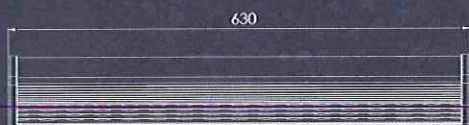
THUNDER 60AH Cod. F0080A09

Horizontal pole installation - Adjustable inclination
64 White LED - 5.120 lm - 140°x45°



THUNDER 60H Cod. F0063A09

Horizontal pole installation - Adjustable inclination
64 White LED - 5.120 lm - 140°x45°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 75W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 64 LED 1.1 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
>0.9

Massa
Weight 10 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

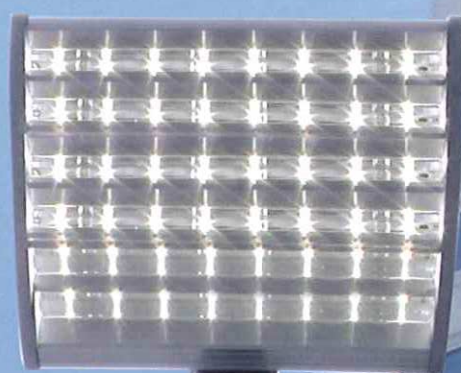
Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented
Cut-of L.R. Lombardia n° 17/2000



Thunder 70

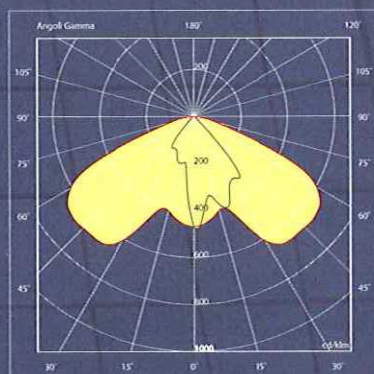
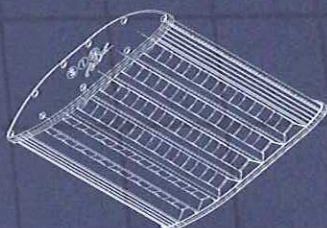
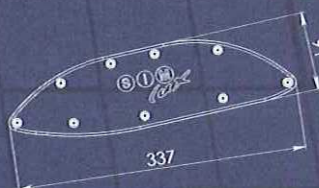
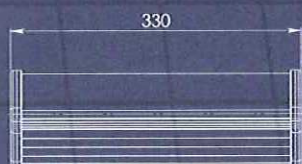
Street Lighting



 **THUNDER 70PF** **Cod. F0064A09**
Dual Optics - Vertical pole installation - Fixed inclination
48 White LED - 5.280 lm - 140°x-30°+50°

 **THUNDER 70PR** **Cod. F0093A09**
Dual Optics - Vertical pole installation - Adjustable inclination
48 White LED - 5.280 lm - 140°x80°

 **THUNDER 70PH** **Cod. F0094A09**
Dual Optics - Horizontal pole installation - Adjustable inclination
48 White LED - 5.280 lm - 140°x80°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 80W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 48 LED 1.4 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
> 0.9

Massa
Weight 8 Kg

Materiale
Material Alluminio e PMMA
Aluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

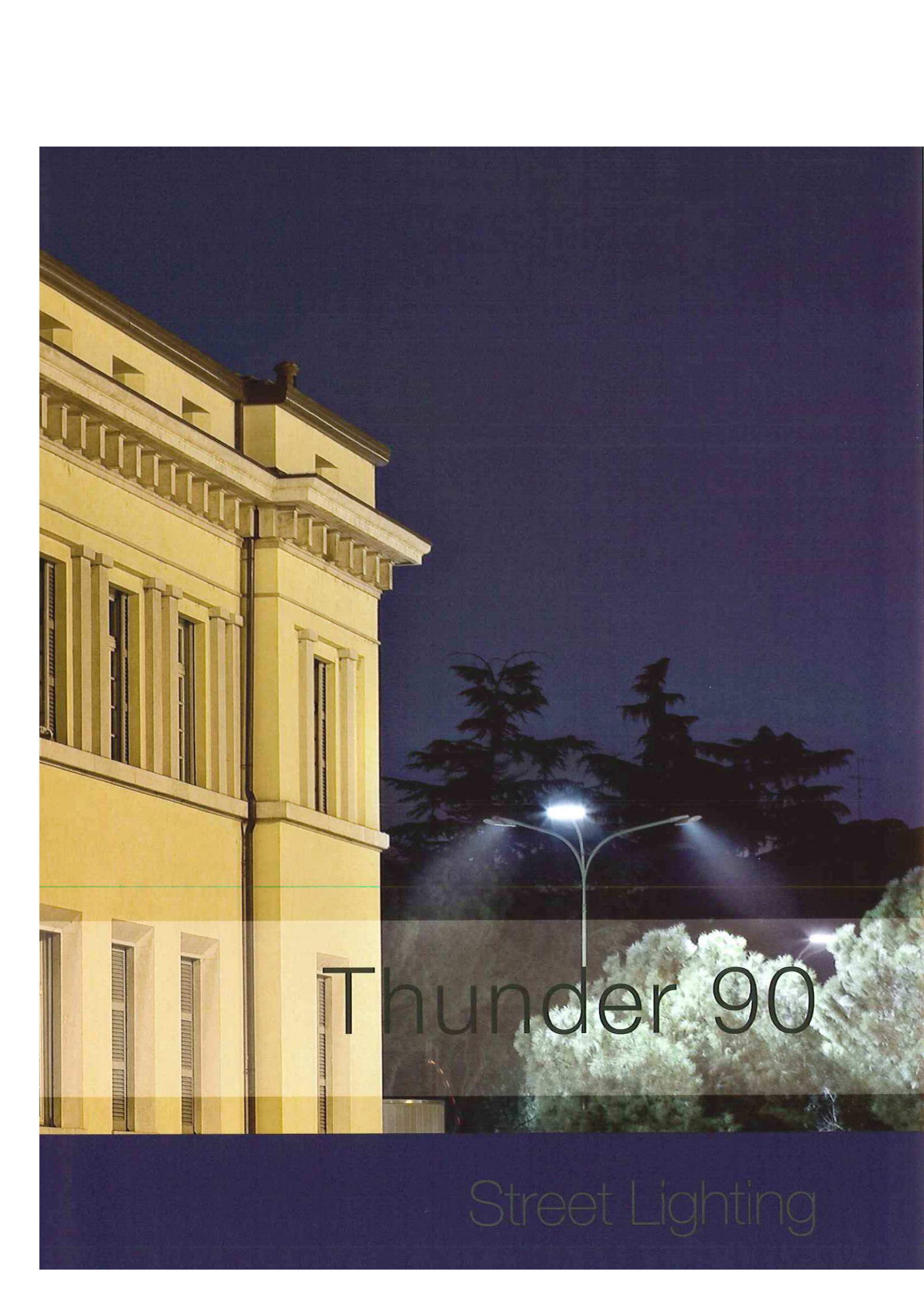
Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented
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A nighttime photograph featuring a classical building on the left, illuminated with warm yellow light. The building has multiple stories with rectangular windows and decorative cornices. To the right, a modern street lamp with two curved arms is lit, casting a bright white glow. The background shows dark silhouettes of trees against a deep blue night sky. The overall scene is a blend of traditional architecture and modern urban lighting.

Thunder 90

Street Lighting



THUNDER 90AF **Cod. F0082A09**

Vertical pole installation - Fixed inclination
96 White LED - 7680 lm - 140°x0°+45°



THUNDER 90AR **Cod. F0095A09**

Vertical pole installation - Adjustable inclination
96 White LED - 7680 lm - 140°x45°



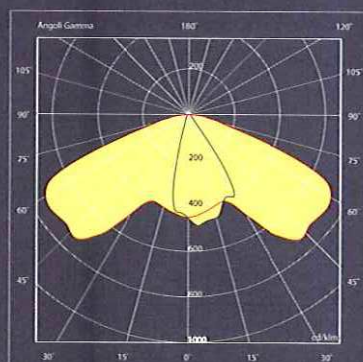
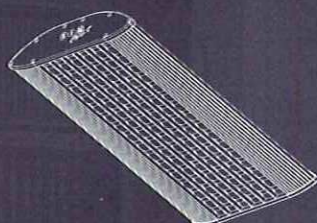
THUNDER 90AH **Cod. F0084A09**

Horizontal pole installation - Adjustable inclination
96 White LED - 7680 lm - 140°x45°



THUNDER 90H **Cod. F0083A09**

Horizontal pole installation - Adjustable inclination
96 White LED - 7680 lm - 140°x45°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 110W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 96 LED 1.1 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
>0.9

Massa
Weight 13 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented
Cut-off L.R. Lombardia n° 17/2000



Thunder 100

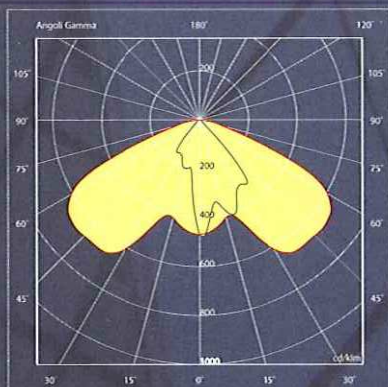
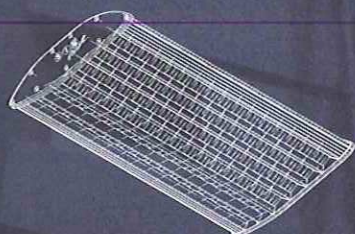
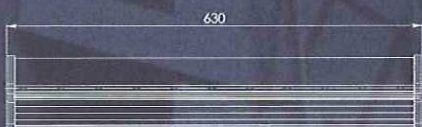
Street Lighting



 **THUNDER 100PF** **Cod. F0085A09**
Dual Optics - Vertical pole installation - Fixed inclination
96 White LED - 7.680 lm - 140°x-30°+50°

 **THUNDER 100PR** **Cod. F0096A09**
Dual Optics - Vertical pole installation - Adjustable inclination
96 White LED - 7.680 lm - 140°x80°

 **THUNDER 100PH** **Cod. F0097A09**
Dual Optics - Horizontal pole installation - Adjustable inclination
96 White LED - 7.680 lm - 140°x80°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 110W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP44

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 96 LED 1.1 W

Temperatura Coloure
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
>0.9

Massa
Weight 13 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

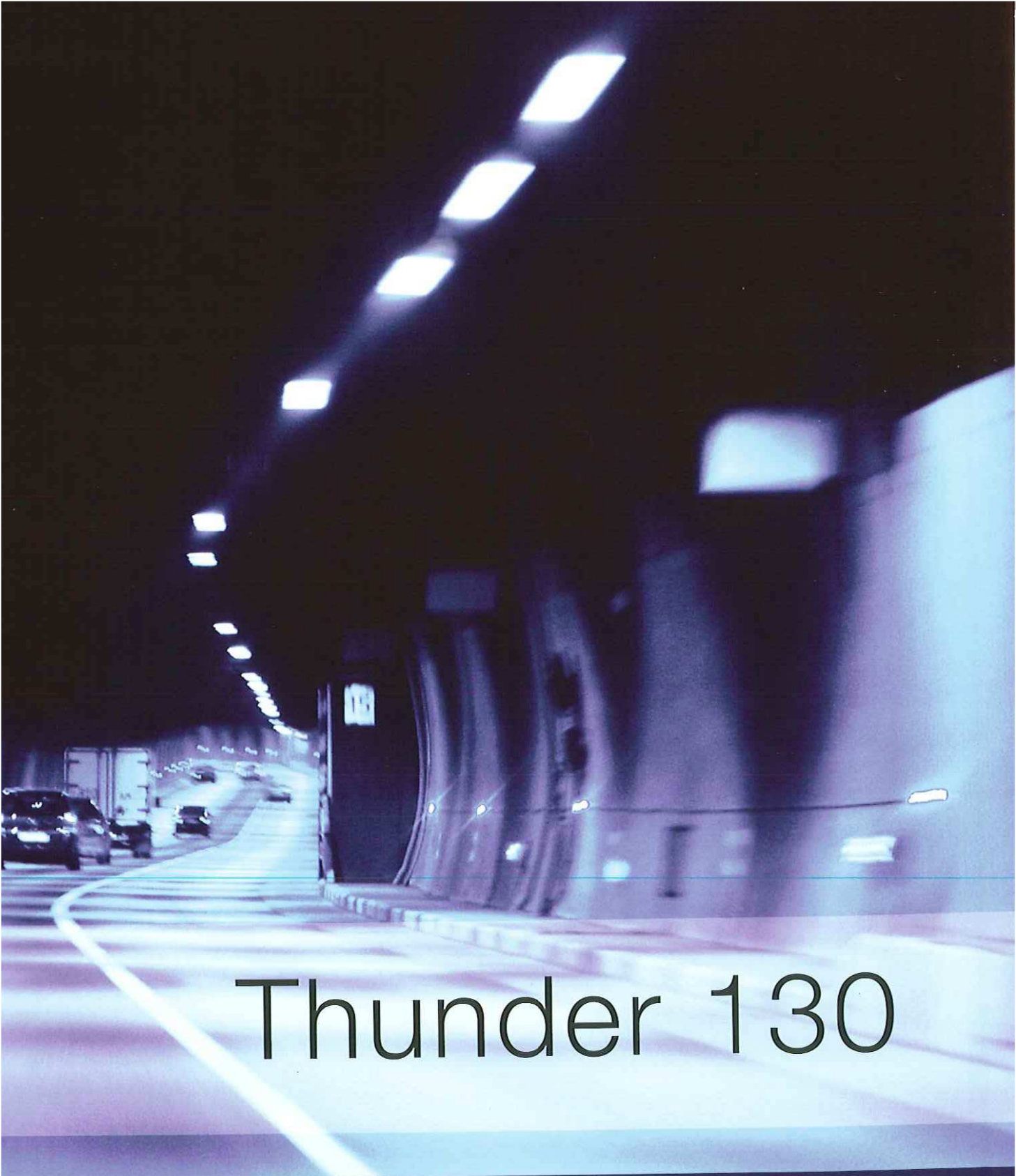
Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented
Cut-of L.R. Lombardia n° 17/2000



Thunder 130

Street Lighting

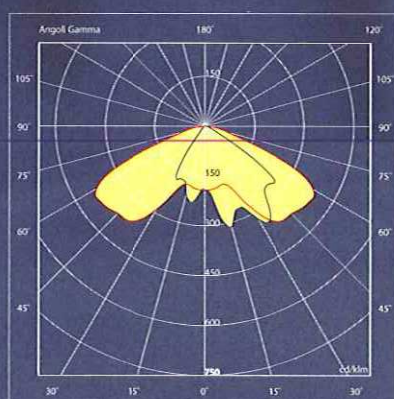
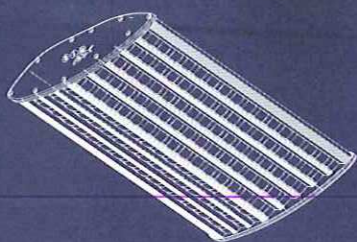
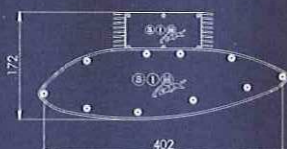


THUNDER 130G

Cod. F0086A09

Dual optic - Tunnel single line installation

128 White LED - 10240 lm - 140°x-30°+60°



Tensione
Voltage 180÷260V

Potenza massima complessiva
Total Power System 150W

Grado di protezione lampada
Lamp Degrees of protection IP66

Grado di protezione alimentatore
Power Supply Degrees of protection IP66

Classe isolamento lampada
Lamp insulation class classe III

Classe isolamento alimentatore
Power Supply insulation class classe II

Fonte luminosa
Light emitters 128 LED 1.1 W

Temperatura Colore
Colour temperature 5000 K

Resa cromatica
Rendering index (Ra) > 85

Vita LED
LED lifetime >50.000 h

Rendimento
Efficiency 89%

Ts-Ta
PFC <21°C
>0.9

Massa
Weight 15,5 Kg

Materiale
Material Alluminio e PMMA
Alluminio e PMMA

Temperatura operativa
Operative Temperature -30°C + 50°C

Umidità operativa lampada
Lamp Operative Humidity 0-100 % R

Disponibili anche nelle varianti
Available also for Voltage 90÷140V AC
10÷30V DC

4.000/3.000 K

RAL a richiesta
RAL on demand



Optic: SIMLUX® Patented

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