

ITALWARMI SRL

PANEL LIGHT 2012-S-06

06W 150x150



5 Years Warranty (3 years for driver)

60 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

40W incandescent bulb

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-150x150-06W-WW	280
Pure White	5700-6000 K	PN-150x150-06W-PW	360

Technical specification

Total consumption	6W
Power Efficiency	>80%
Working Voltage	13±0.5 V
LED efficiency	115 lm/watt
LED operating current	350 mA
LED quantity and type	n.48 SMD 3014
Input	100-240 V AC
Power factor	>0.90
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-40°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

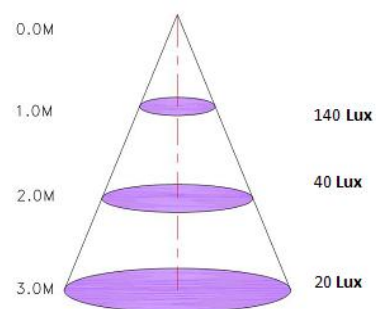
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	140
2	40
3	20



Sizes and packing information

150x150x12 mm

48 pcs / box

Net weight 900g

12W 150x150



5 Years Warranty (3 years for driver)

60 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

100W incandescent bulb

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-150x150-12W-WW	560
Pure White	5700-6000 K	PN-150x150-12W-PW	730

Technical specification

Total consumption	12W
Power Efficiency	>84%
Working Voltage	12.5±0.5 V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n.96 SMD 3014
Input	100-240 V AC
Power factor	>0.91
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

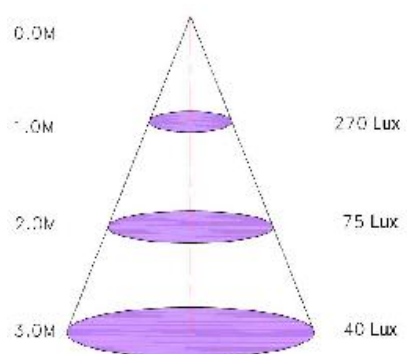
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	270
2	75
3	40



Sizes and packing information

150x150x12 mm

48 pcs / box

Net weight 900g

20W 150x1200



5 Years Warranty (3 years for driver)

80lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

40W traditional T8 tube

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-150x1200-20W-WW	1400
Pure White	5700-6000 K	PN-150x1200-20W-PW	1600

Technical specification

Total consumption	20/45W
Power Efficiency	>84%
Working Voltage	26.5±1 V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n.192 SMD 3014
Input	100-240 V AC
Power factor	>0.91
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

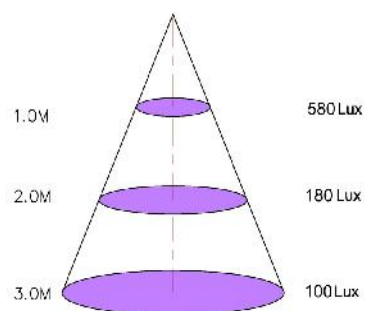
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	580
2	180
3	100



Sizes and packing information

1195x145x12 mm

8 pcs / box

Net weight 2.3kg

Photometric curve

Same as 300*300mm 20W panel

45W 150x1200



5 Years Warranty (3 years for driver)

72lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

80W traditional T8 tube

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-150x1200-45W-WW	2800
Pure White	5700-6000 K	PN-150x1200-45W-PW	3200

Technical specification

Total consumption	45W
Power Efficiency	>84%
Working Voltage	26.5±1 V
LED efficiency	115 lm/watt
LED operating current	1400mA
LED quantity and type	n.376 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

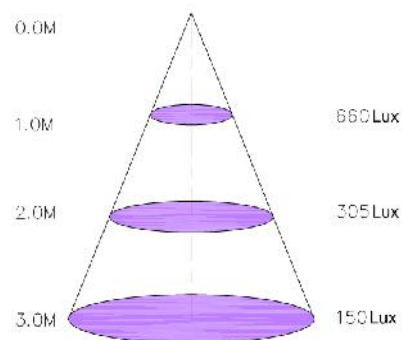
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	660
2	305
3	150



Sizes and packing information

1195x145x12 mm

8 pcs / box

Net weight 2.3kg

Photometric curve

Same as 300*1200mm panel 45W

12W 168x168



5 Years Warranty (3 years for driver)

60 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

100W incandescent bulb

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-168x168-12W-WW	560
Pure White	5700-6000 K	PN-168x168-12W-PW	730

Technical specification

Total consumption	12W
Power Efficiency	>84%
Working Voltage	12.5±0.5 V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n.96 SMD 3014
Input	100-240 V AC
Power factor	>0.91
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

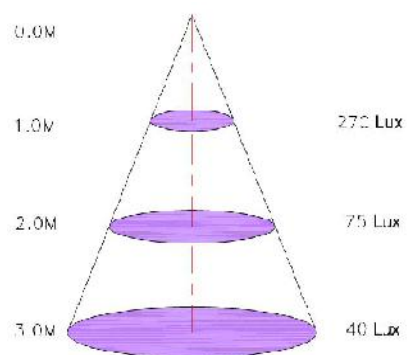
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	270
2	75
3	40



Sizes and packing information

168x168x12 mm

48 pcs / box

Net weight 540g

12W 300x300



5 Years Warranty (3 years for driver)

60 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

100W incandescent bulb

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-300x300-12W-WW	560
Pure White	5700-6000 K	PN-300x300-12W-PW	730

Technical specification

Total consumption	12W
Power Efficiency	>85%
Working Voltage	12.5±0.5 V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n.96 SMD 3014
Input	100-240 V AC
Power factor	>0.91
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

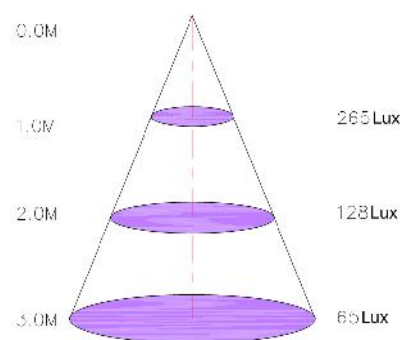
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	265
2	128
3	65



Sizes and packing information

295x295x12 mm
12 pcs / box
Net weight 1,2 kg

20W 300x300



5 Years Warranty (3 years for driver)

73 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

150W incandescent bulb

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-300x300-20W-WW	1120
Pure White	5700-6000 K	PN-300x300-20W-PW	1460

Technical specification

Total consumption	20W
Power Efficiency	>86%
Working Voltage	26.5±1V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n.192 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

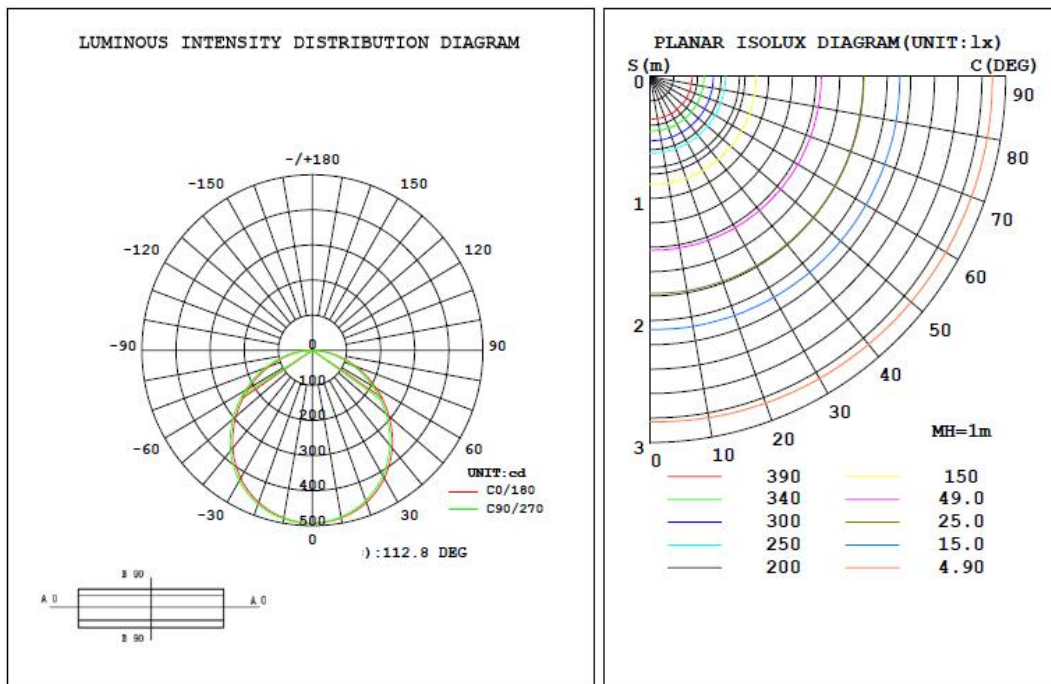
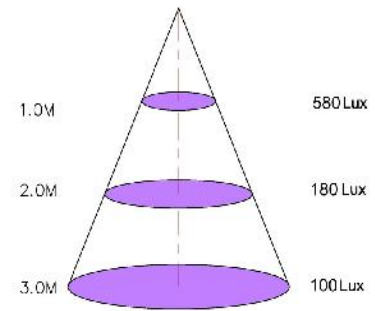
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	580
2	180
3	100



Photometric curve

Sizes and packing information

295x295x12 mm

12 pcs / box

Net weight 1,2 kg

26W 300x600



5 Years Warranty (3 years for driver)

80 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

150W incandescent bulb

40W Fluorescent replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-300x600-26W-WW	1900
Pure White	5700-6000 K	PN-300x600-26W-PW	2100

Technical specification

Total consumption	26W
Power Efficiency	>86%
Working Voltage	33±1V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n. 240 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

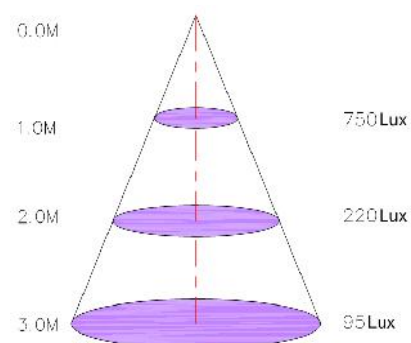
Pendant fixture, colored frame, dimmable driver

Certifications

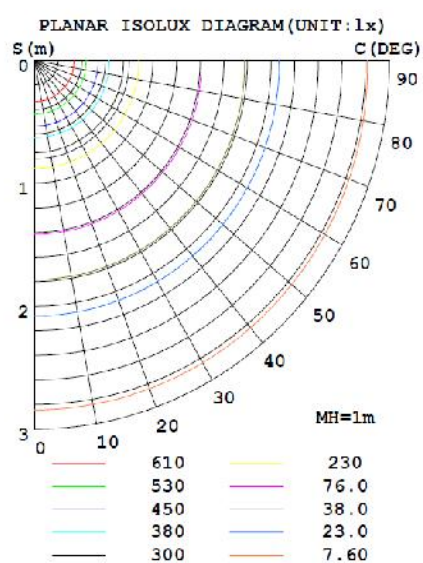
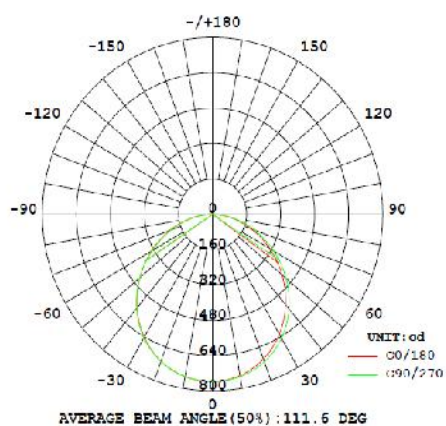
CE RoHS

Optical data

height (m)	Lux
1	750
2	220
3	95



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Photometric curve

Sizes and packing information

295x595x12 mm

4 pcs / box

Net weight 2,5 kg

26W 600x600



5 Years Warranty (3 year for driver)

80 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

150W incandescent bulb

40W Fluorescent Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-600x600-26W-WW	1900
Pure White	5700-6000 K	PN-600x600-26W-PW	2100

Technical specification

Total consumption	26W
Power Efficiency	>86%
Working Voltage	33±1 V
LED efficiency	115 lm/watt
LED operating current	700 mA
LED quantity and type	n. 240 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

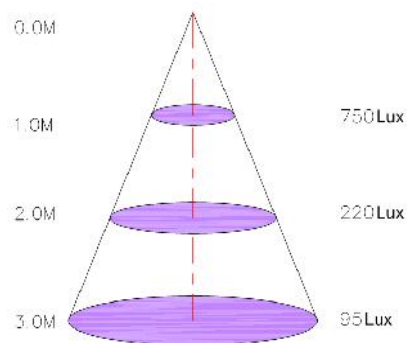
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

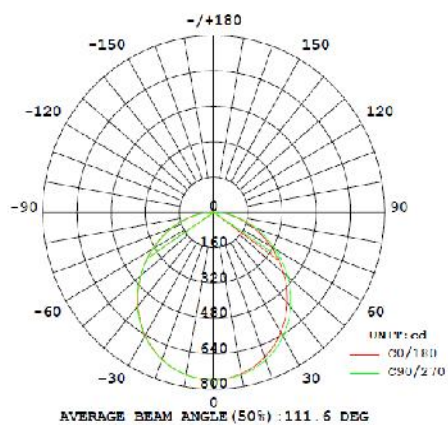
Optical data

height (m)	Lux
1	750
2	220
5	95

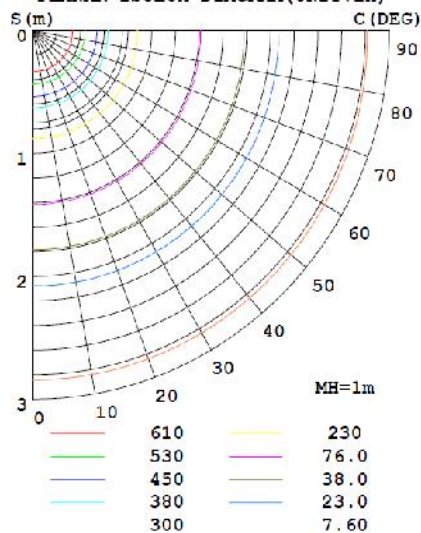


Photometric curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



Sizes and packing information

595x595x12 mm
 4 pcs / box
 Net weight 4,2 kg

40W 600x600



5 Years Warranty (3 years for driver)

77 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

80W traditional T8 tube

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-600x600-40W-WW	2900
Pure White	5700-6000 K	PN-600x600-40W-PW	3100

Technical specification

Total consumption	45W
Power Efficiency	>86%
Working Voltage	26.5±1 V
LED efficiency	115 lm/watt
LED operating current	1400 mA
LED quantity and type	n. 376 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

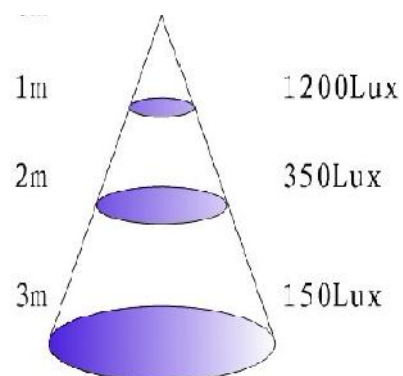
Pendant fixture, colored frame, dimmable driver

Certifications

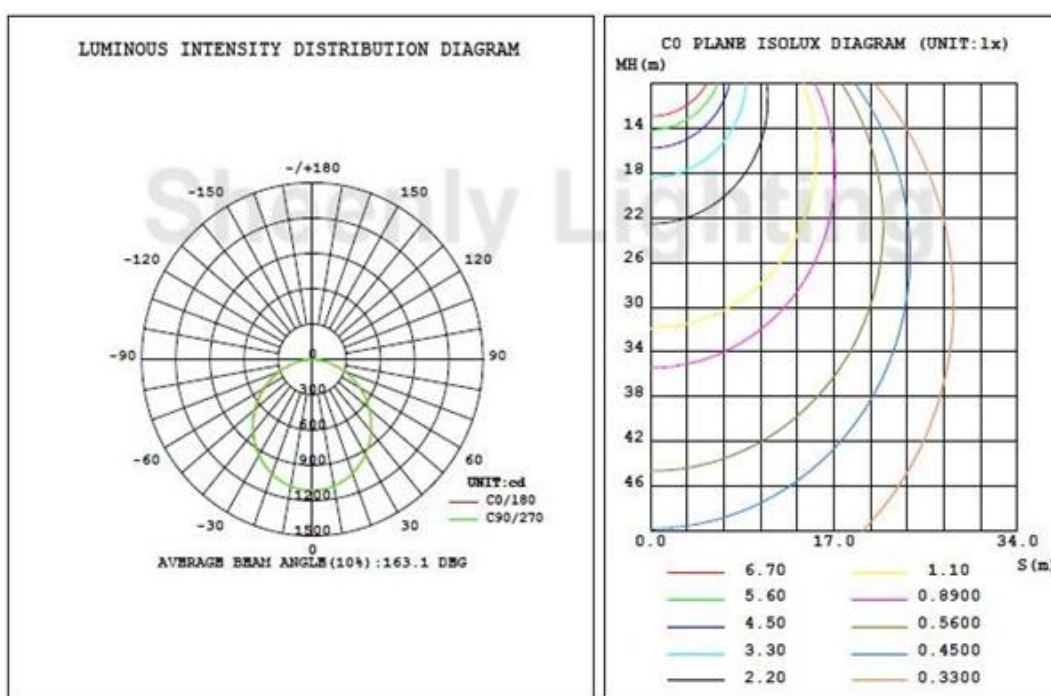
CE RoHS

Optical data

height (m)	Lux
1	1200
2	350
3	150



Photometric curve



Sizes and packing information

595x595x12 mm
 4 pcs / box
 Net weight 4,2 kg

50W 600x600



5 Years Warranty (3 years for driver)

84 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

116W traditional T8 tube

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-600x600-50W-WW	3800
Pure White	5700-6000 K	PN-600x600-50W-PW	4200

Technical specification

Total consumption	50W
Power Efficiency	>86%
Working Voltage	32±1 V
LED efficiency	115 lm/watt
LED operating current	1400 mA
LED quantity and type	n. 740 SMD 3528
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

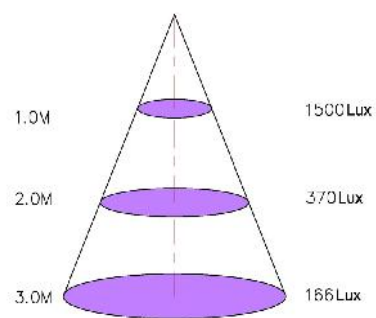
Pendant fixture, colored frame, dimmable driver

Certifications

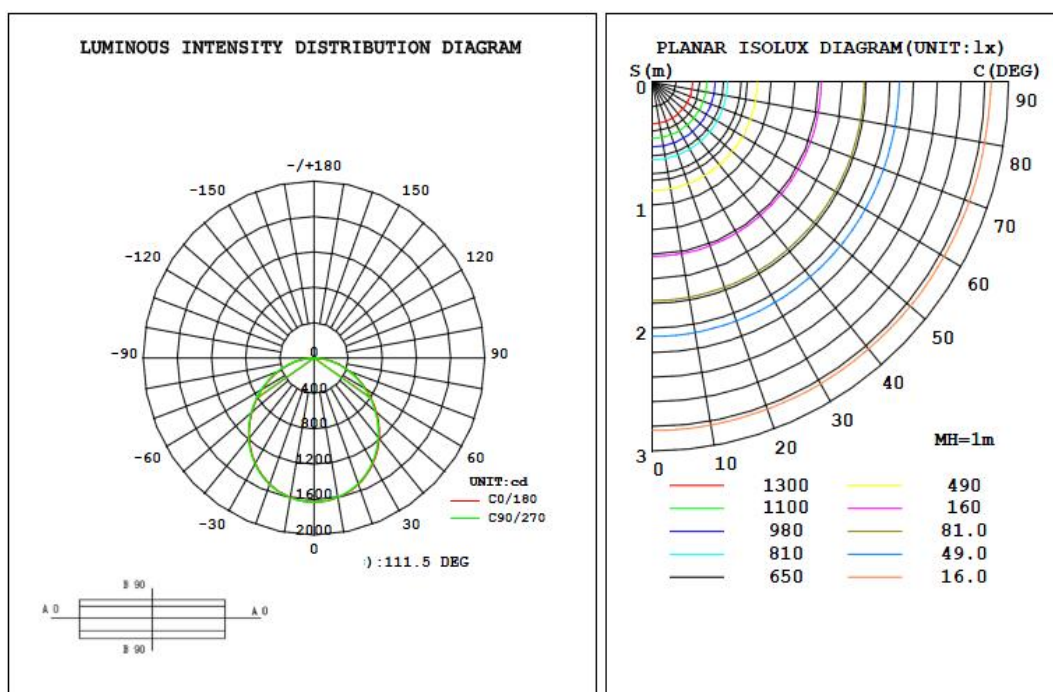
CE RoHS

Optical data

height (m)	Lux
1	1500
2	370
3	166



Photometric curve



Sizes and packing information

595x595x12 mm
 4 pcs / box
 Net weight 4,2 kg

45W 300x1200



5 Years Warranty (3 years for driver)

71 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

200W incandescent lamp

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-300x1200-45W-WW	2800
Pure White	5700-6000 K	PN-300x1200-45W-PW	3200

Technical specification

Total consumption	45W
Power Efficiency	>86%
Working Voltage	26.5±1V
LED efficiency	115 lm/watt
LED operating current	1400 mA
LED quantity and type	N376. SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

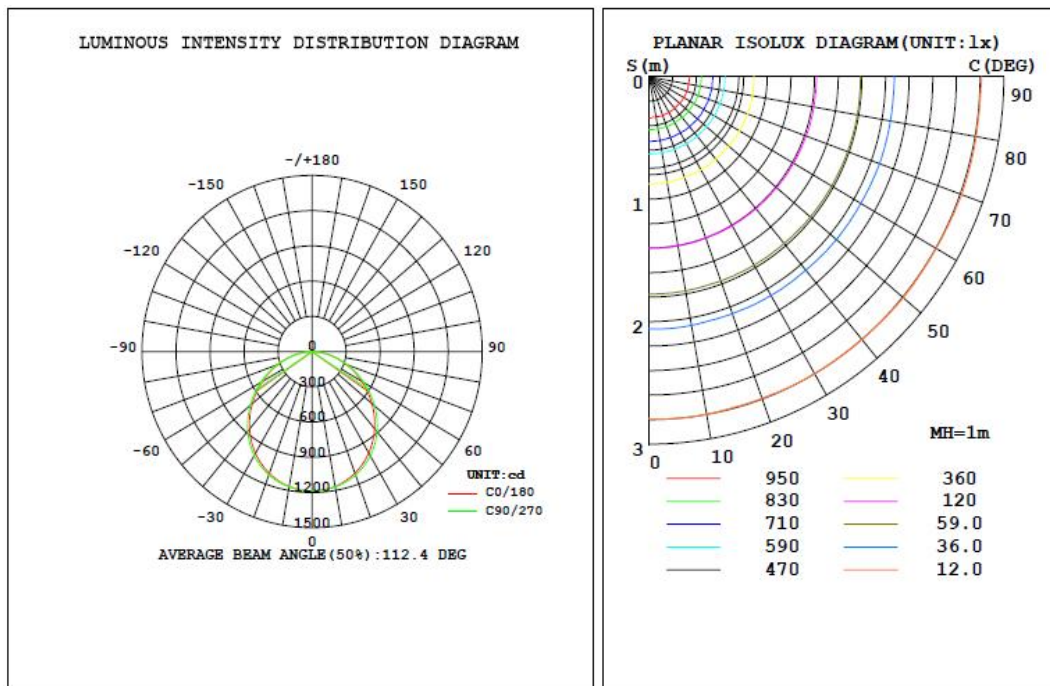
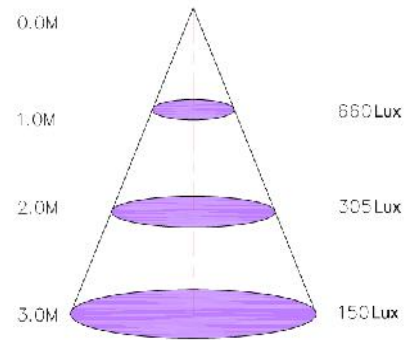
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	660
2	305
3	150



Photometric curve

Sizes and packing information

295x1195x12 mm

4 pcs / box

Net weight 4,5 kg

45W 600x1200



5 Years Warranty (3 years for driver)

71 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

200W incandescent lamp

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-600x1200-45W-WW	2800
Pure White	5700-6000 K	PN-600x1200-45W-PW	3200

Technical specification

Total consumption	45W
Power Efficiency	>86%
Working Voltage	26.5±1 V
LED efficiency	15 lm/watt
LED operating current	400 mA
LED quantity and type	n.376 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

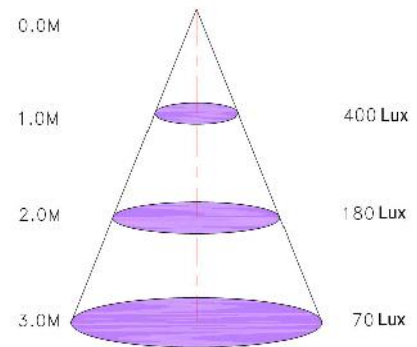
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	400
2	180
3	70



Sizes and packing information

595x1195x12 mm

4 pcs / box

Net weight 11 kg

70W 600x1200



5 Years Warranty (3 years for driver)

76 lm/W Lamp Efficiency for cold white

50.000 h Life span

IP 20 Protection grade

320W incandescent lamp

Replacing

Color	Temperature	Code	Lumen
Warm White	3000-3300 K	PN-600x1200-70W-WW	4700
Pure White	5700-6000 K	PN-600x1200-70W-PW	5300

Technical specification

Total consumption	70W
Power Efficiency	>86%
Working Voltage	40.5±1 V
LED efficiency	115 lm/watt
LED operating current	1400 mA
LED quantity and type	n.576 SMD 3014
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

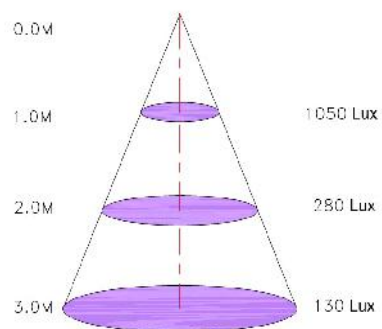
Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Optical data

height (m)	Lux
1	1050
2	280
3	130



Sizes and packing information

595x1195x12 mm

4 pcs / box

Net weight 11 kg

25W 620x620 RGB with external driver



5 Years Warranty (3 years for driver)

50.000 h Life span

IP 20 Protection grade

Color	Temperature	Code	Lumen
RGB color	RGB	PN-620x620-25W-RGB	300

Technical specification

Total consumption	25W
Power Efficiency	>84%
Working Voltage	12 V
LED quantity and type	n. 96 SMD 5050
Input	100-240 V AC
Power factor	>0.93
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

Pendant fixture, colored frame, dimmable driver

Certifications

CE RoHS

Sizes and packing information

618x618x12 mm
4 pcs / box
Net weight 4,2 kg

50W 620x620 W+RGB with external driver



5 Years Warranty (3 years for driver)

50.000 h Life span

IP 20 Protection grade

Color	Temperature	Code	Lumen
RGB+ White	RGB+White	PN-620x620-25W-W+RGB	2400

Technical specification

Total consumption	50W
Power Efficiency	>86%
Working Voltage	12V
LED quantity and type	n. 240+96 SMD 5050
Input	100-240 V AC
Power factor	>0.94
Beam Angle	120°
Led type	Epistar SMD
CRI	80
Operating temp.	-20°C +40°C
Housing material	Anodized aluminium + PMMA
Others	The panels are dimmable ready

Optionals

Pendant fixture, colored frame, dimmable driver



Certifications

CE RoHS

Sizes and packing information

618x618x12 mm
4 pcs / box
Net weight 4,2 kg

Accessories

<p>"W" Recessed fixture</p>	 A set of aluminum "W" shaped recessed fixture brackets and several brass screws.	 A square recessed fixture with a blue light panel installed in a ceiling.
<p>Clip in fixture</p>	 A metal clip-in bracket and several brass screws.	 A rectangular clip-in fixture with a blue light panel installed in a ceiling.
<p>Column surface mounted</p>	 A set of white plastic mounting brackets and several brass screws.	 A square surface-mounted fixture with a white light panel installed on a ceiling.
<p>L surface mounted</p>	 A set of aluminum L-shaped mounting brackets and several brass screws.	 A square surface-mounted fixture with a blue light panel and a metal mounting bracket installed on a ceiling.
<p>S surface mounted</p>	 A set of aluminum S-shaped mounting brackets and several brass screws.	 A square surface-mounted fixture with a blue light panel and metal mounting brackets installed on a ceiling.
<p>"L" Wall-hanging Flush Fixture</p>	 A set of metal wall-hanging brackets and several brass screws.	 A rectangular wall-hanging flush fixture with a white light panel mounted on a wall.

Square pendant fixture		
Disc pendant fixture		

Emergency Kit EMG		
Box 4 holes BOX-4FC		
Box 6 holes BOX-6FA		

Dimmer drivers available on request