

GO 



Greek representative

GEORING LED

85 A El Venizelou

16344 Ilioupolis

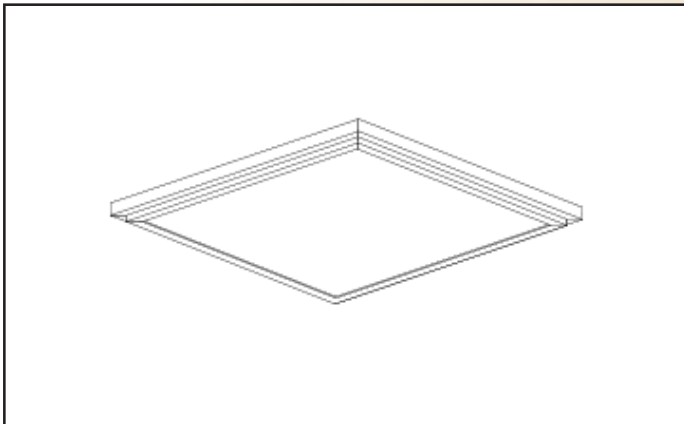
Greece

Tel: +30 210 9765717

mobile: +30 6944 576009

Email: LED@GEOringLED.com

Web www.GEOringLED.com



307 x 307 x 19mm

12 x 12 x 3/4"

(Dimensions in inches are approximations based on metric.)

22W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

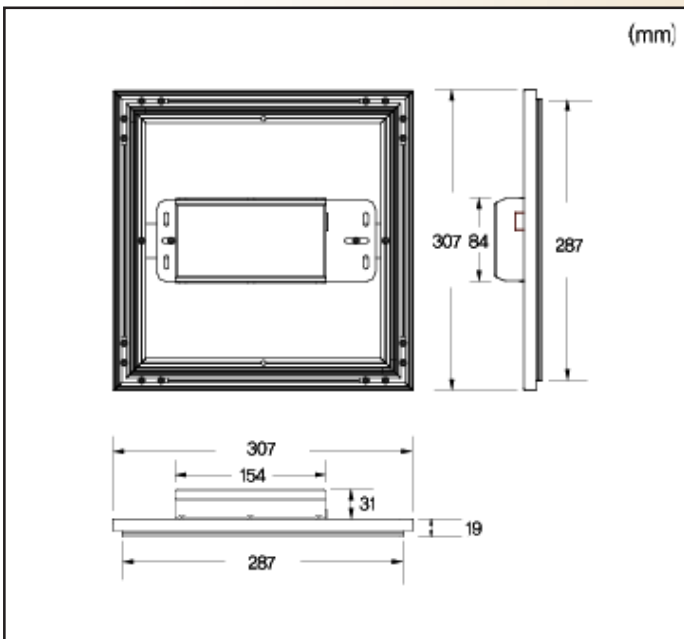
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation

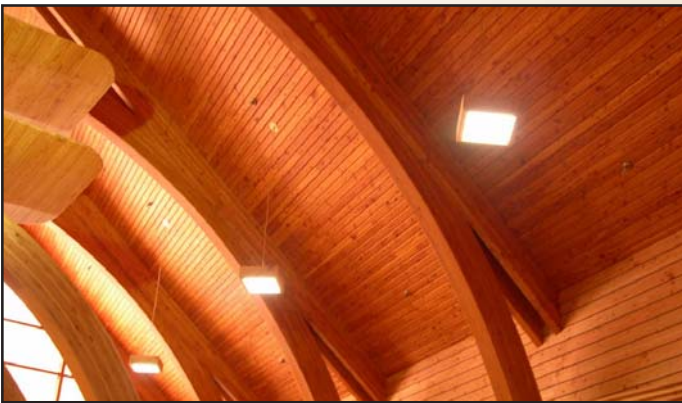


Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
(www.goenergyeffective.com)

*please refer to our website for details.

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PLF™ technology

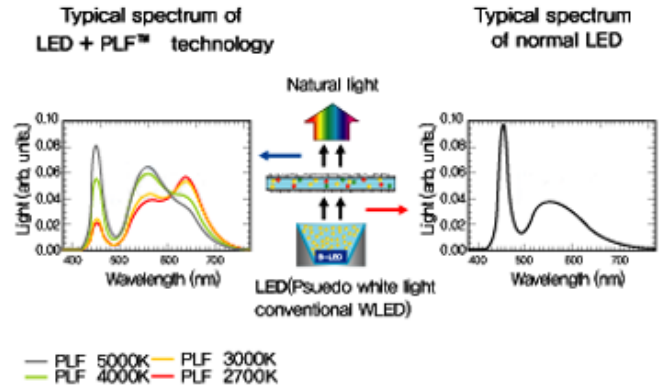


Fig.1

High reliability employing heat sink design of frame

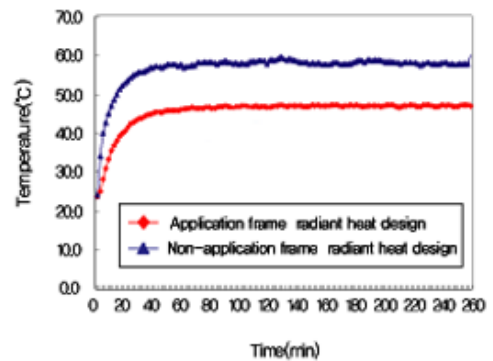


Fig.2

Certifications



Specifications

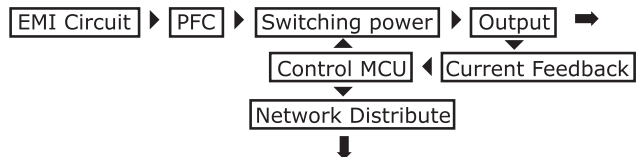
Model name	S33T1-D1/N1/W1/L1
Size(mm)	307 x 307 x 19
Power consumption	22W
Illumination(lx, at 1M)	D 510 N 467 W 383 L 321 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%
Luminous flux	D 1300 N 1200 W 1100 L 1000
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture. Power Supply Unit sold separately. Depending on their physical proximity, up to three R01 units can be connected to a single PSU.

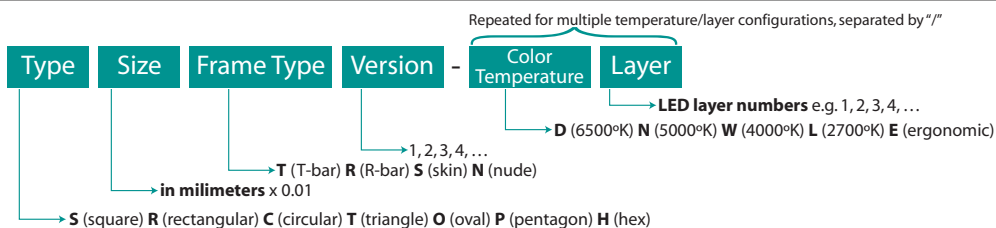
Driving circuit specifications

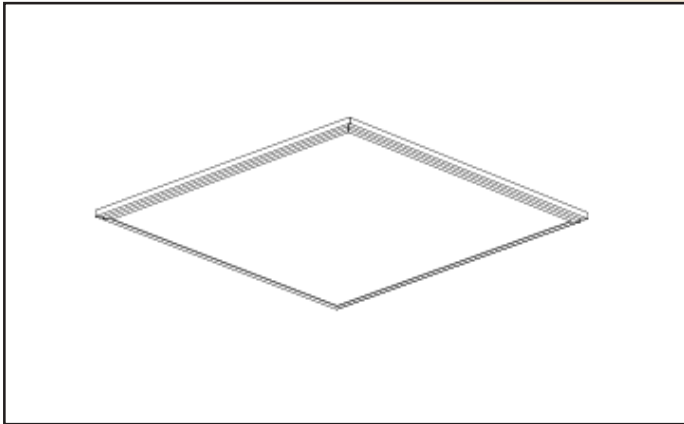
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





600 x 600 x 24mm

23⁵/₈ x 23⁵/₈ x 1"

(Dimensions in inches are approximations based on metric.)

82W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

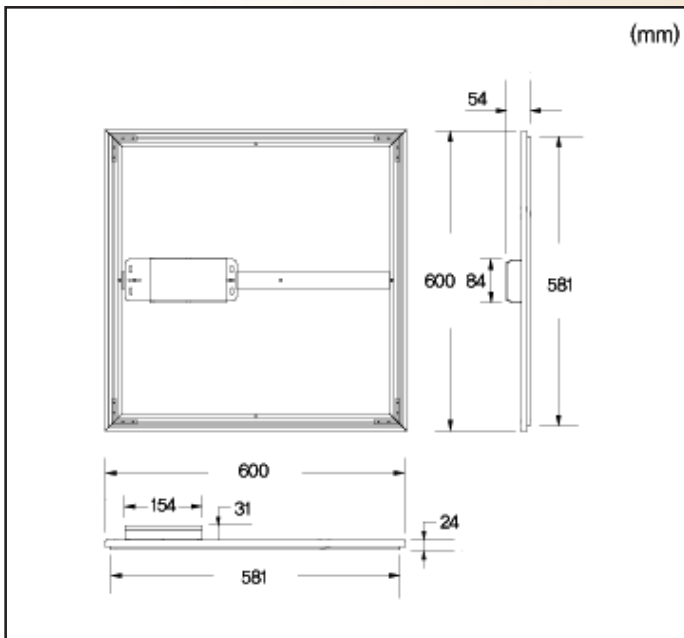
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

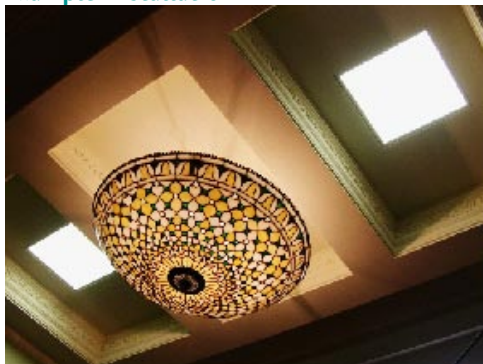
Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

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www.goenergyeffective.com



Example Installation

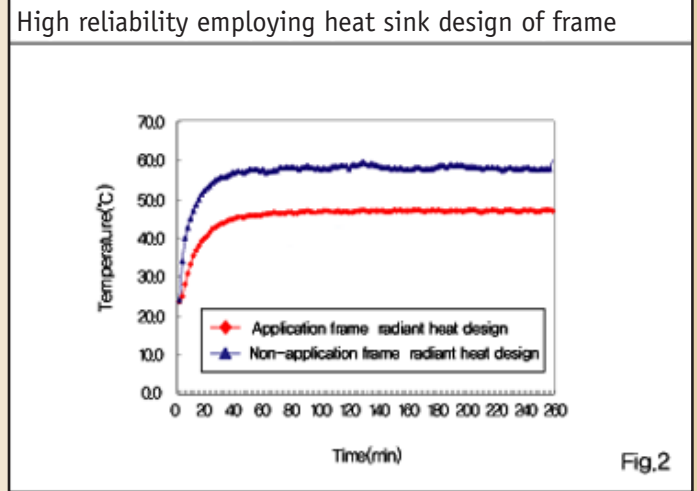
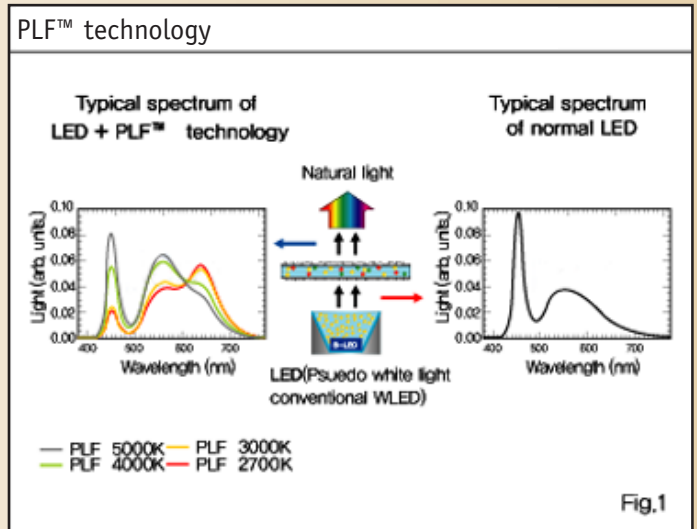
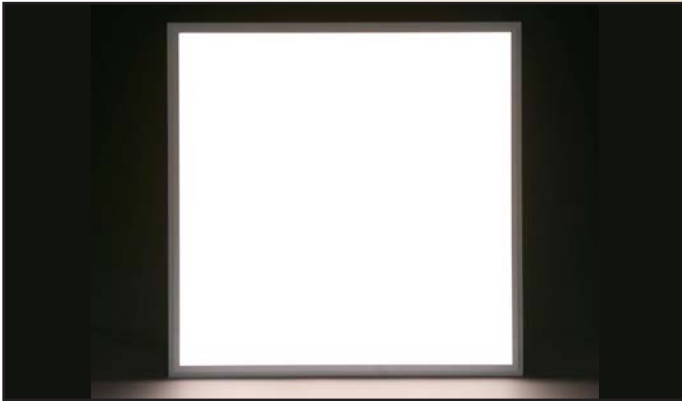


Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
(www.goenergyeffective.com)

*please refer to our website for details.

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Certifications

Specifications	
Model name	S66T3-D2/N2/W2/L2
Size(mm)	600 x 600 x 24
Power consumption	82W
Illumination(lx, at 1M)	D 1980 N 1812 W 1485 L 1247 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%
Luminous flux	D 5600 N 5300 W 4800 L 4300
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller
Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.	

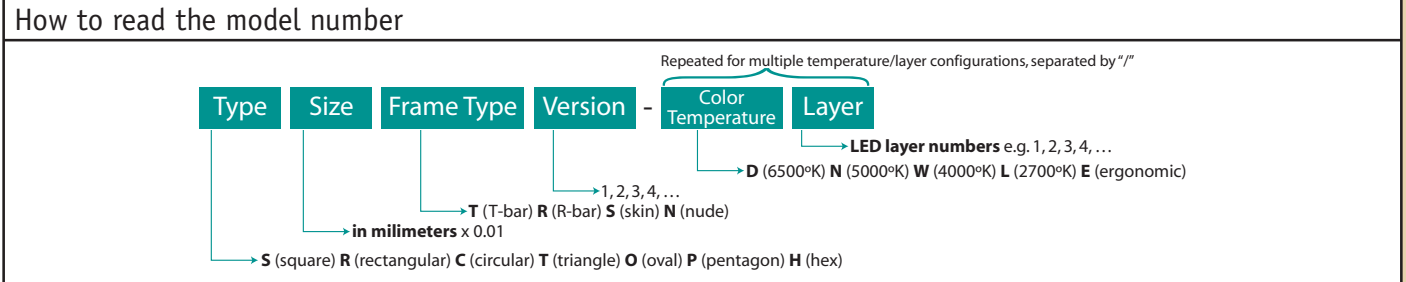
Driving circuit specifications

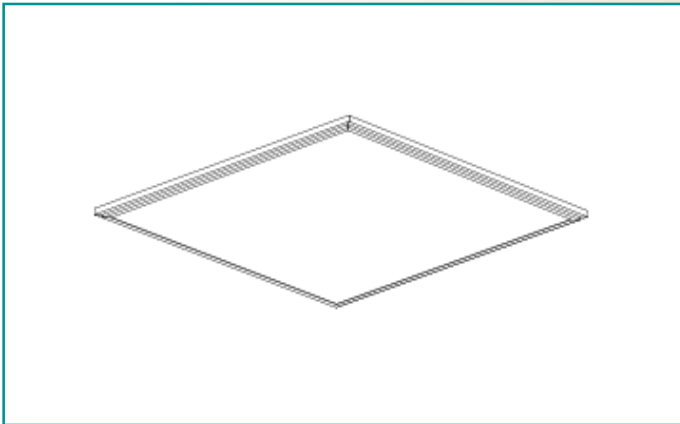
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram

```

    graph LR
      EMI[EMI Circuit] --> PFC[PFC]
      PFC --> SW[Switching power]
      SW --> Output[Output]
      Output --> MCU[Control MCU]
      MCU --> SW
      MCU --> FB[Current Feedback]
      FB --> MCU
      MCU --> ND[Network Distribute]
      ND --> Output
    
```





600 x 600 x 24mm

23⁵/₈ x 23⁵/₈ x 1"

(Dimensions in inches are approximations based on metric.)

84W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

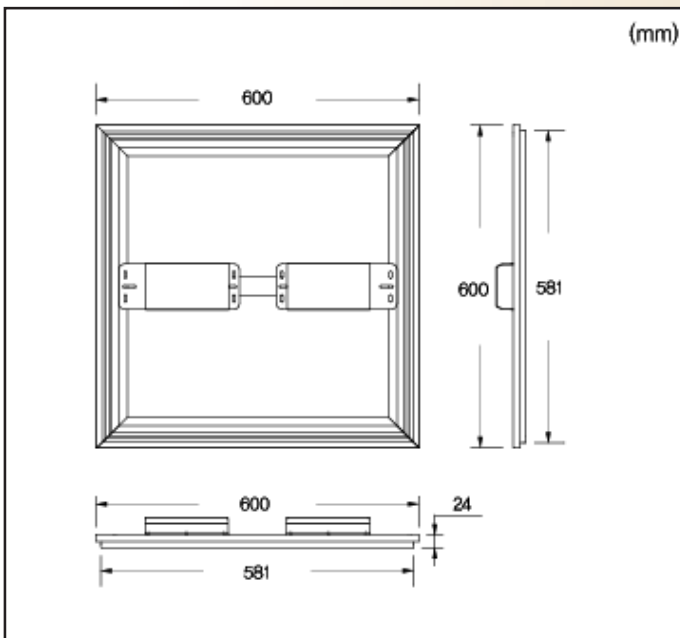
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation

Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
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PLF™ technology

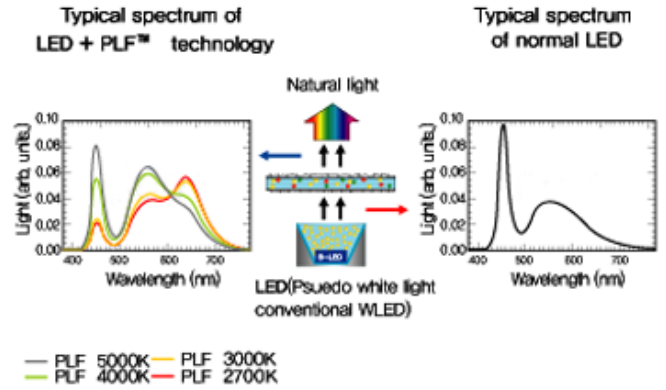


Fig.1

High reliability employing heat sink design of frame

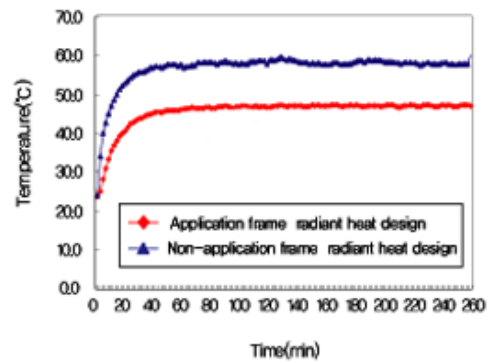


Fig.2

Certifications



Specifications

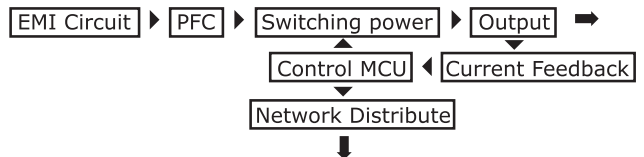
Model name	S66T3-E2
Size(mm)	600 x 600 x 24
Power consumption	84W
Illumination(Ix, at 1M)	D ~ L 1620 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%, 2700K~ 6300K (±10%)
Color temperature	2700K~ 6300K (±10%)
Luminous flux	D ~ L 5100
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

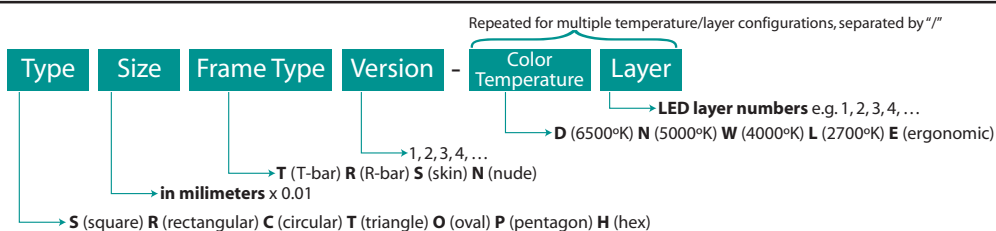
Driving circuit specifications

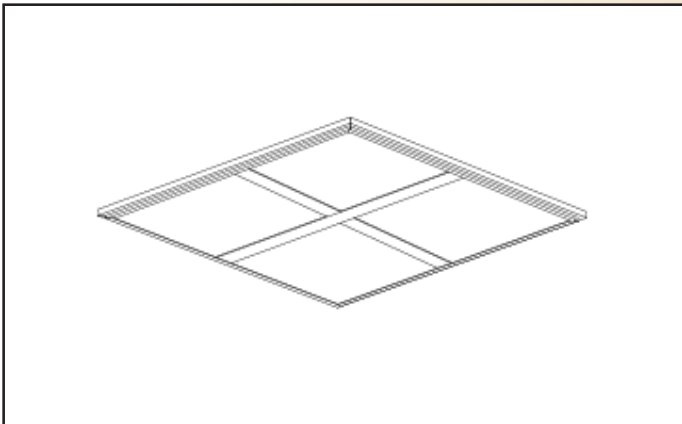
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





600 x 600 x 19mm

23⁵/₈ x 23⁵/₈ x 3/4"

(Dimensions in inches are approximations based on metric.)

60W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

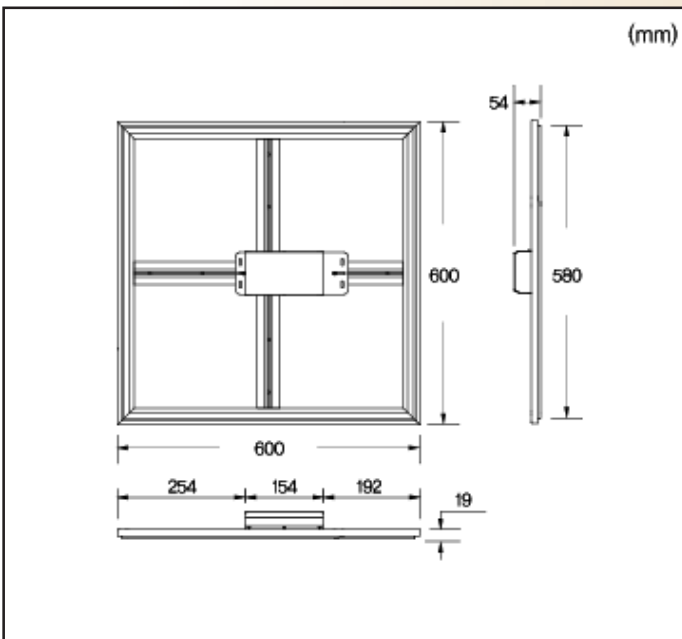
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
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Example Installation



Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
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PLF™ technology

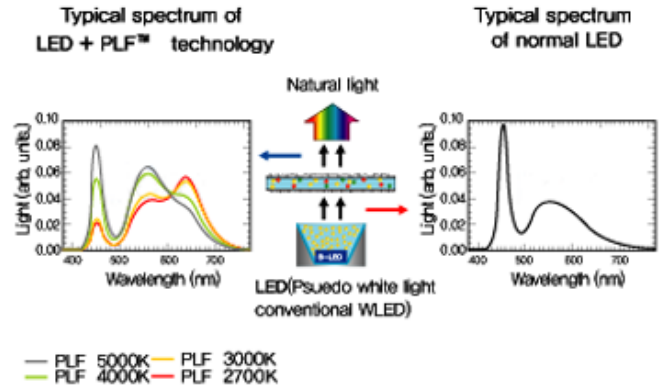


Fig.1

High reliability employing heat sink design of frame

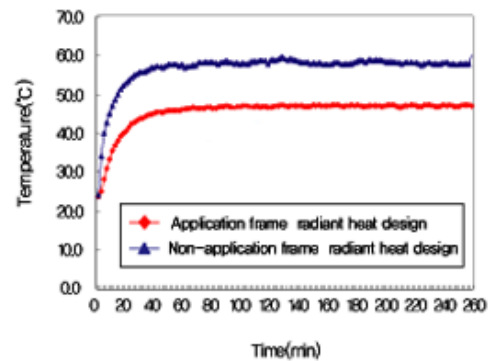


Fig.2

Certifications



Specifications

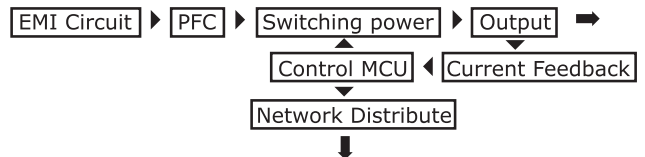
Model name	S66T2-D1/N1/W1/L1
Size(mm)	600 x 600 x 19
Power consumption	60W
Illumination(lx, at 1M)	D 1498 N 1371 W 1124 L 944 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%,
Luminous flux	D 4000 N 3800 W 3400 L 3000
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

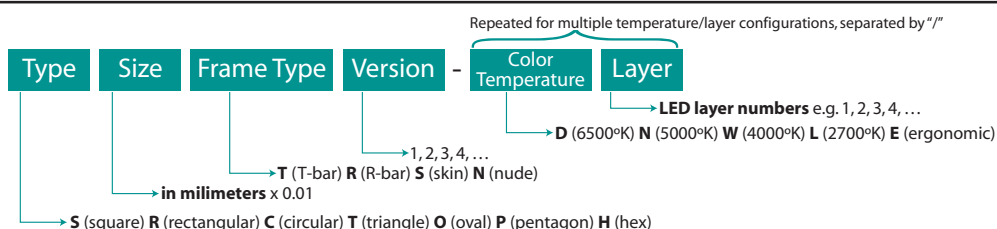
Driving circuit specifications

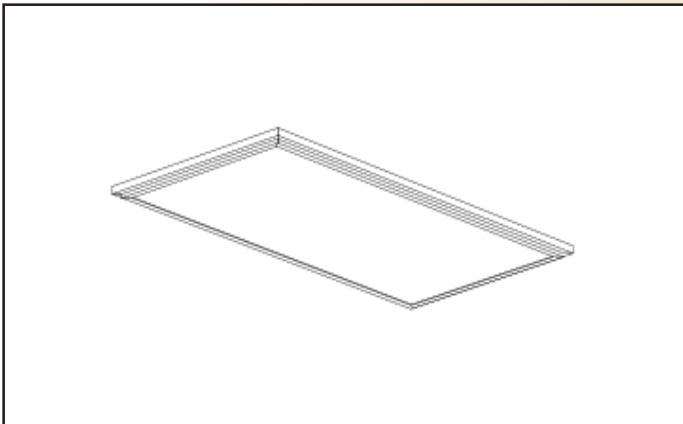
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





329 x 620 x 24mm

13 x 24³/₈ x 1"

(Dimensions in inches are approximations based on metric.)

62W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

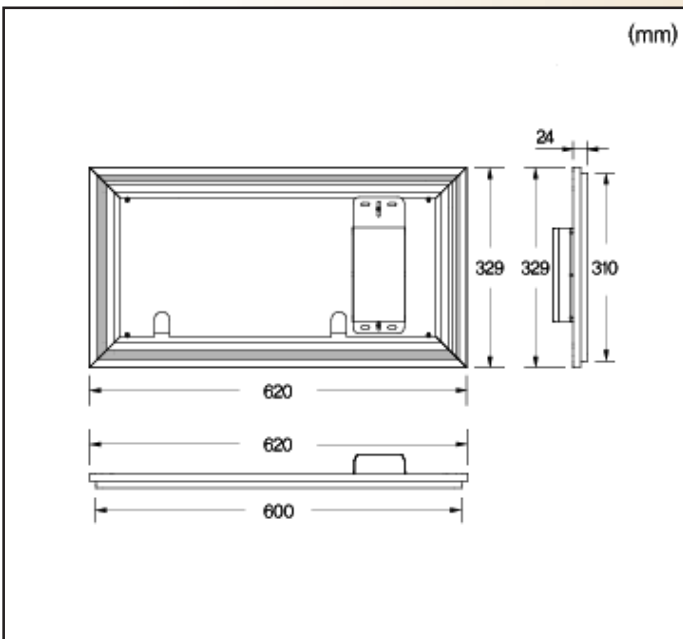
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

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Example Installation



Available Installation kits

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PLF™ technology

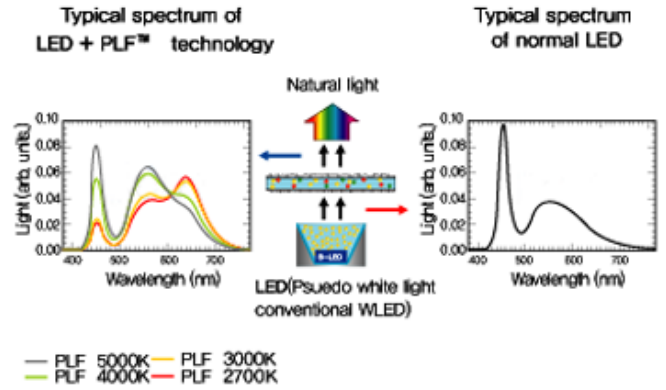


Fig.1

High reliability employing heat sink design of frame

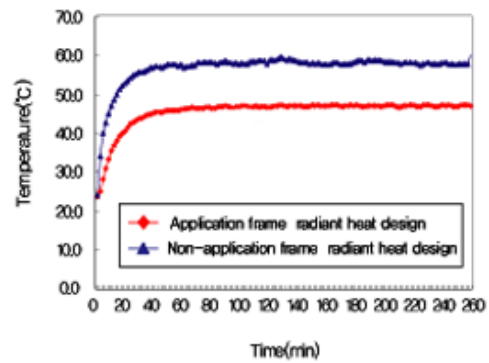


Fig.2

Certifications



Specifications

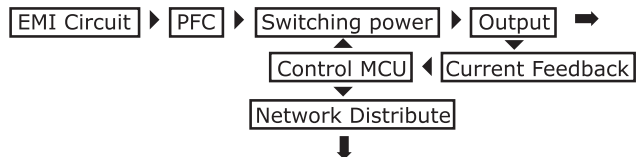
Model name	R36T1-D2/N2/W2/L2
Size(mm)	329 x 620 x 24
Power consumption	62W
Illumination(lx, at 1M)	D 1190 N 1089 W 893 L 750 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%,
Luminous flux	D 4000 N 3700 W 3400 L 3000
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

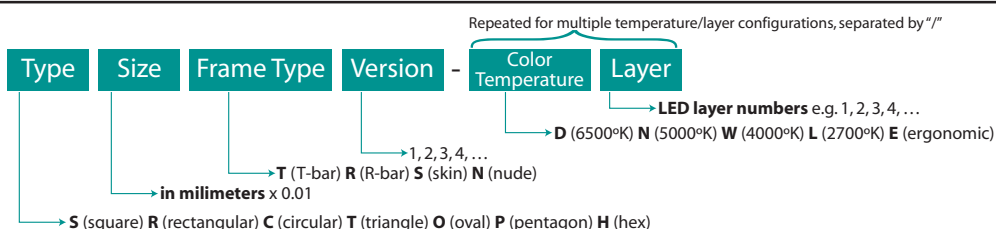
Driving circuit specifications

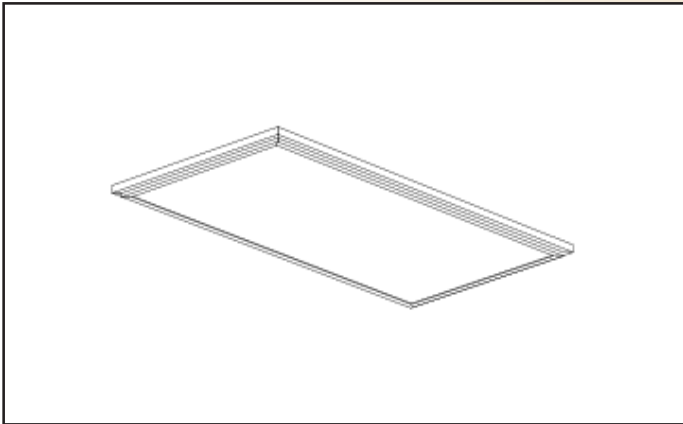
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





330 x 620 x 24mm

13 x 24³/₈ x 1"

(Dimensions in inches are approximations based on metric.)

67W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

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Ergonomic Light

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High Uniformity

80% or better consistency of luminance across planar surface.

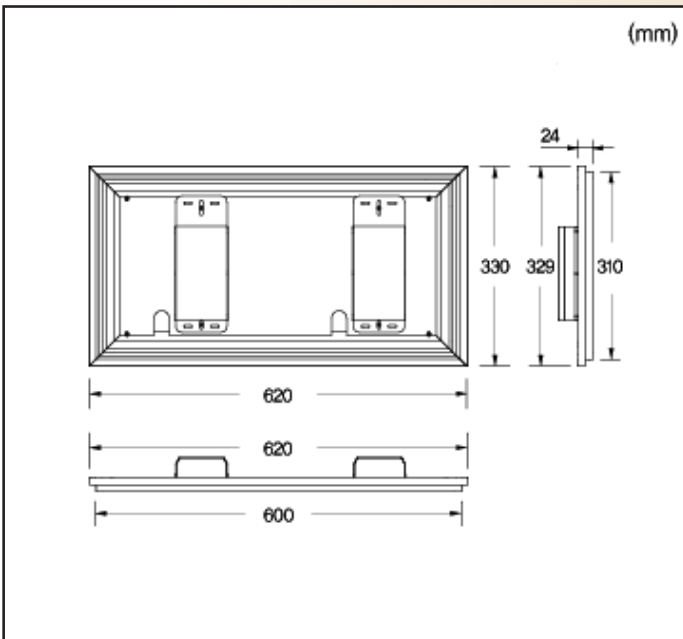
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

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Example Installation



Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
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PLF™ technology

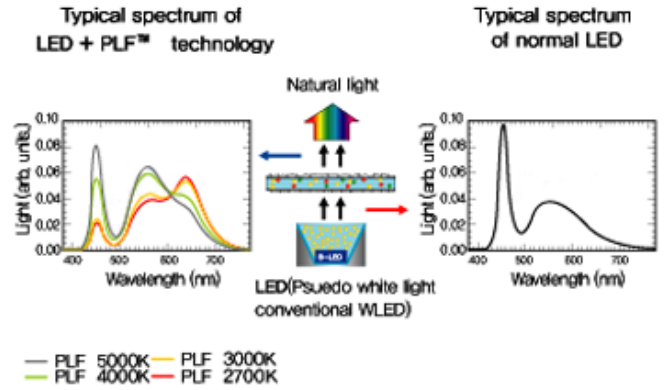


Fig.1

High reliability employing heat sink design of frame

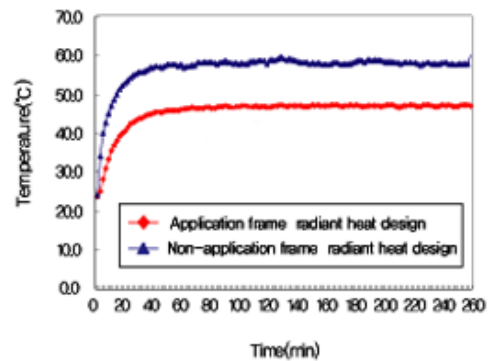


Fig.2

Certifications



Specifications

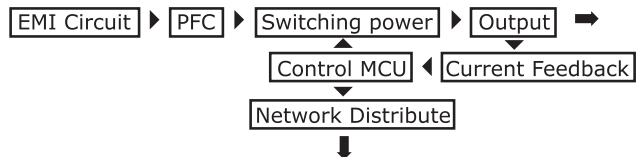
Model name	R36T1-E2
Size(mm)	330 x 620 x 24
Power consumption	67W
Illumination(lx, at 1M)	D ~ L 1100 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%, 2700K~ 6300K (±10%)
Color temperature	2700K~ 6300K (±10%)
Luminous flux	D ~ L 3600
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

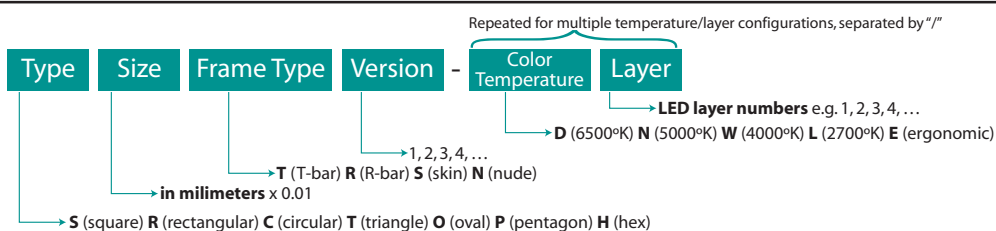
Driving circuit specifications

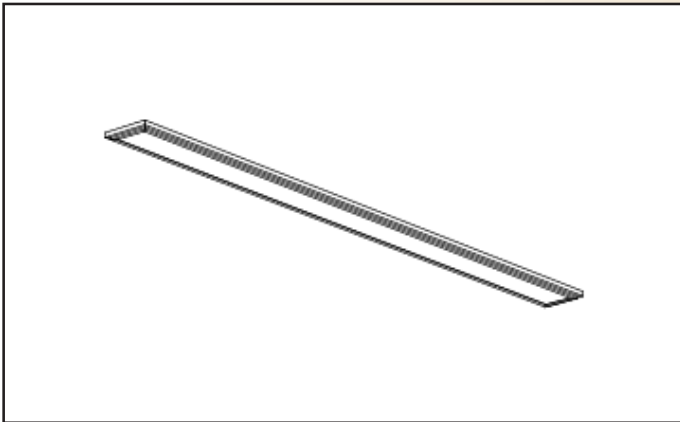
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





97 x 2017 x 19mm

3⁷/₈ x 79³/₈ x 3/4"

(Dimensions in inches are approximations based on metric.)

65W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

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No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

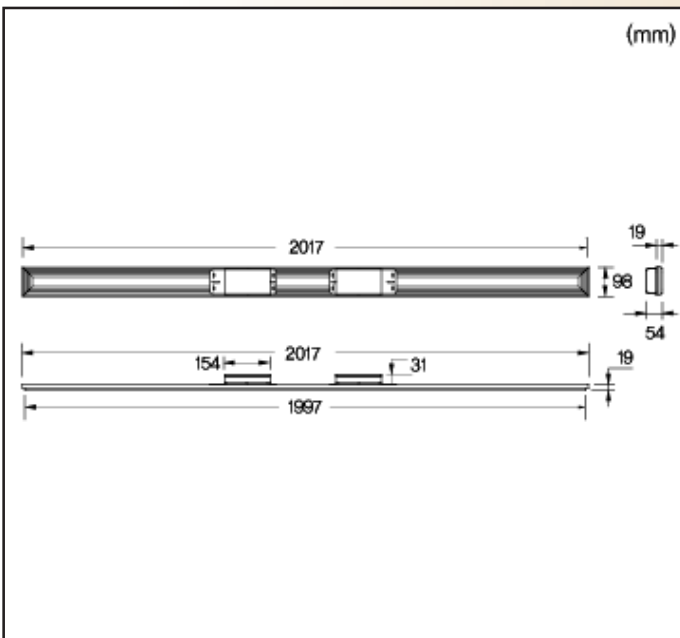
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
(www.goenergyeffective.com)

*please refer to our website for details.

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PLF™ technology

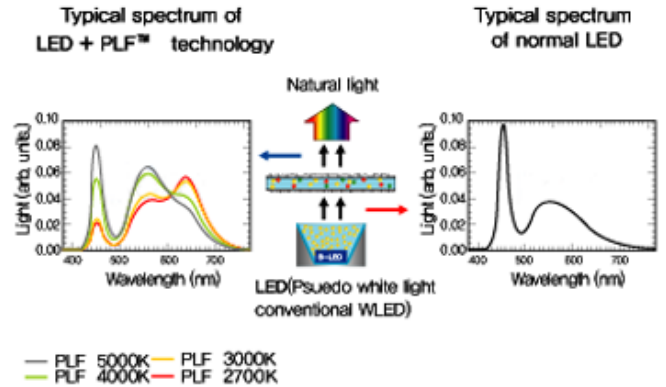


Fig.1

High reliability employing heat sink design of frame

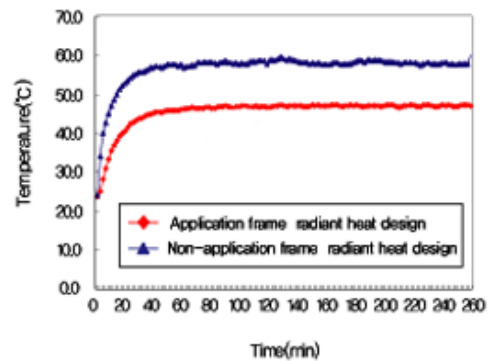


Fig.2

Certifications



Specifications

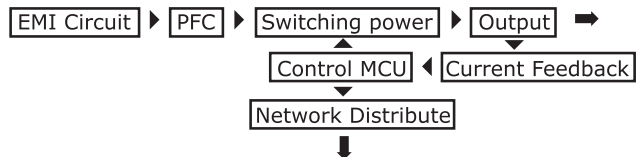
Model name	R120T1-E1
Size(mm)	98 x 2017 x 19
Power consumption	65W
Illumination(lx, at 1M)	D ~ L 610 D: 6300K±10%, N: 5000K±10%, W: 4000K±10%, L: 2700K±10%
Color temperature	2700K ~ 6300K (±10%)
Luminous flux	D ~ L 2800
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

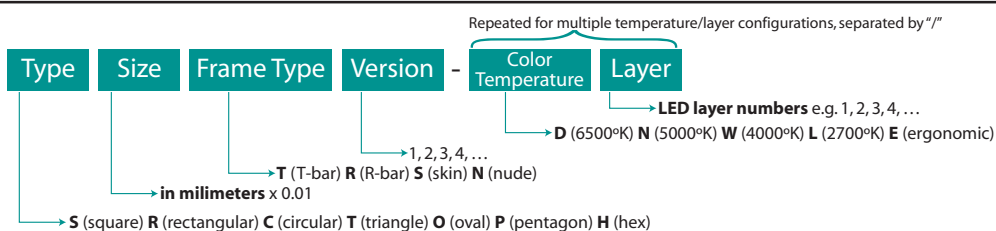
Driving circuit specifications

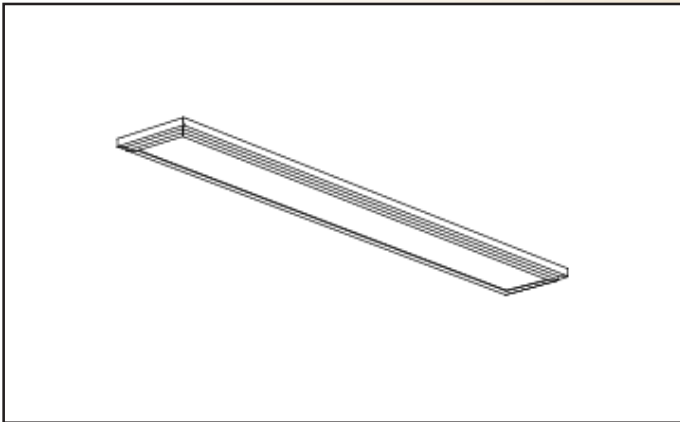
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





97 x 1028 x 19mm

3⁷/₈ x 23⁵/₈ x 3/4"

(Dimensions in inches are approximations based on metric.)

36W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

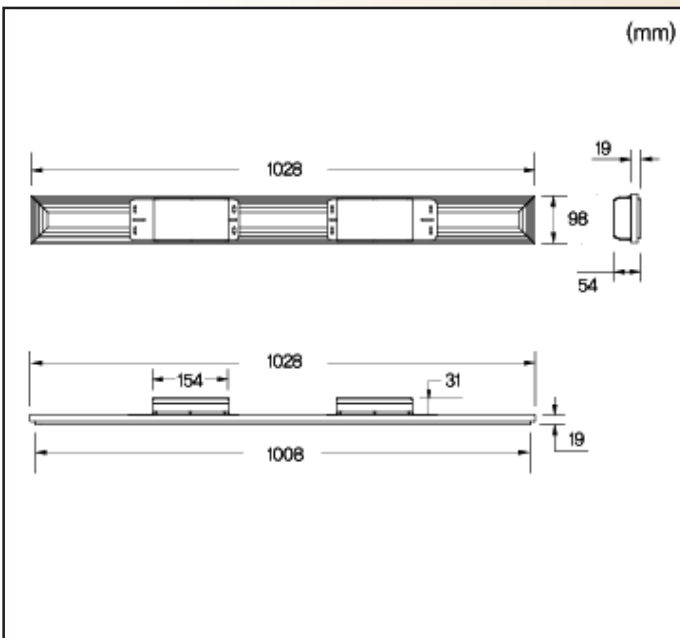
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
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PLF™ technology

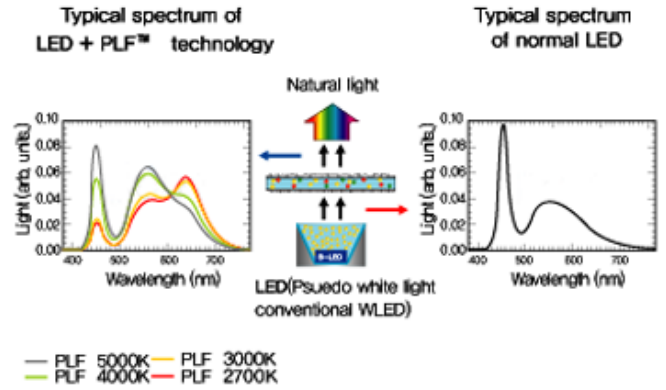


Fig.1

High reliability employing heat sink design of frame

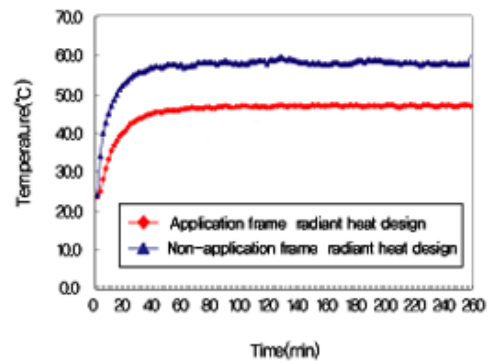


Fig.2

Certifications



Specifications

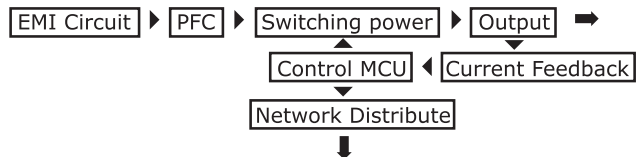
Model name	R110T1-E1
Size(mm)	98 x 1028 x 19
Power consumption	36W
Illumination(lx, at 1M)	D ~ L 440 D: 6300K±10%, N: 5000K±10%, W: 4000K±10%, L: 2700K±10%
Color temperature	2700K ~ 6300K (±10%)
Luminous flux	D ~ L 1300
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

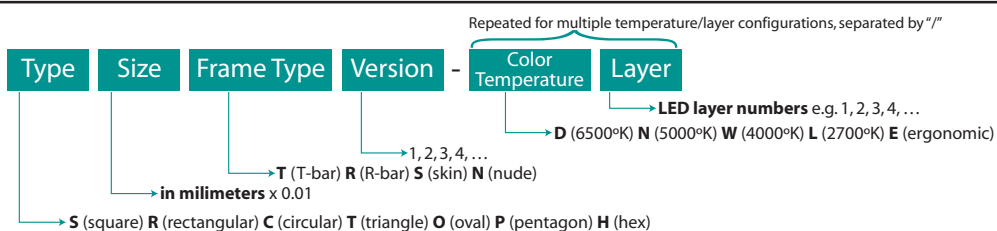
Driving circuit specifications

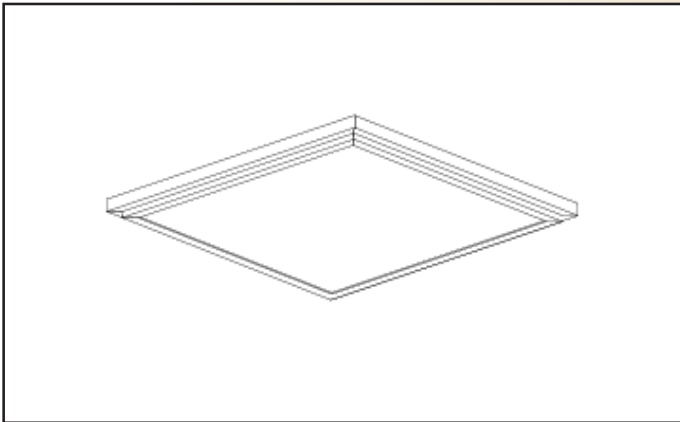
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





307 x 307 x 24mm

12 x 12 x 1"

(Dimensions in inches are approximations based on metric.)

36W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

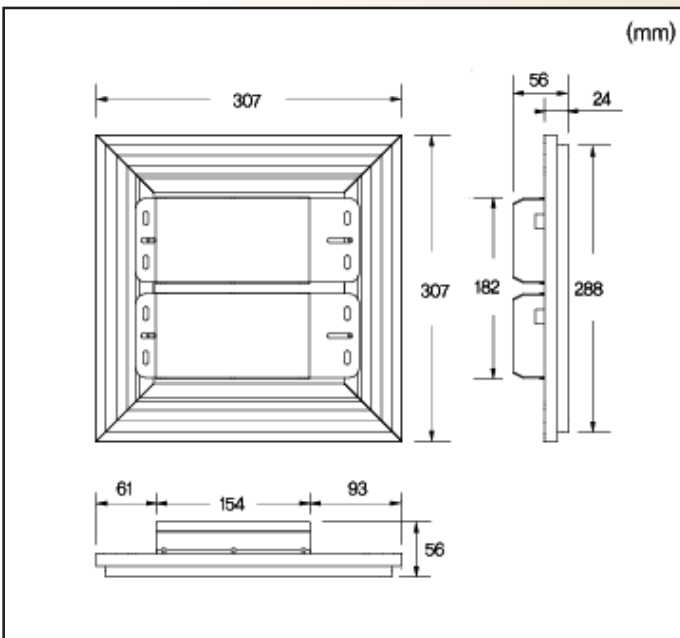
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
(www.goenergyeffective.com)

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PLF™ technology

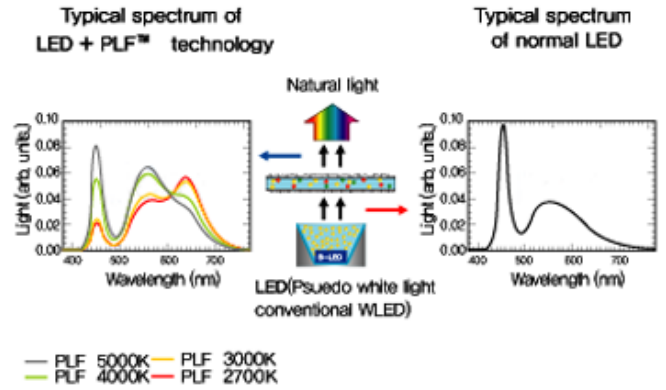


Fig.1

High reliability employing heat sink design of frame

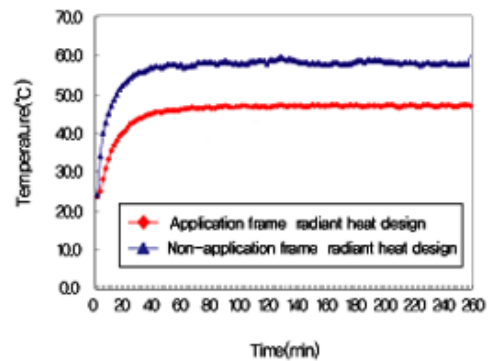


Fig.2

Certifications



Specifications

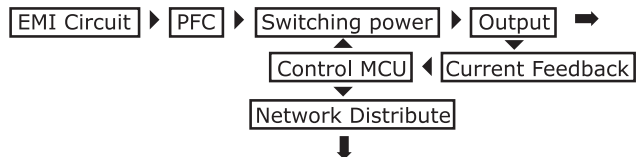
Model name	S33T1-E2
Size(mm)	307 x 307 x 24
Power consumption	36W
Illumination(lx, at 1M)	D ~ L 630 D: 6300K±10%, N: 5000K±10%, W: 4000K±10%, L: 2700K±10%
Color temperature	2700K ~ 6300K (±10%)
Luminous flux	D ~ L 1900
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

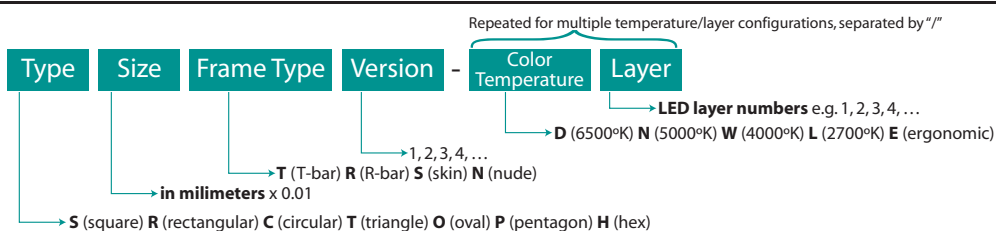
Driving circuit specifications

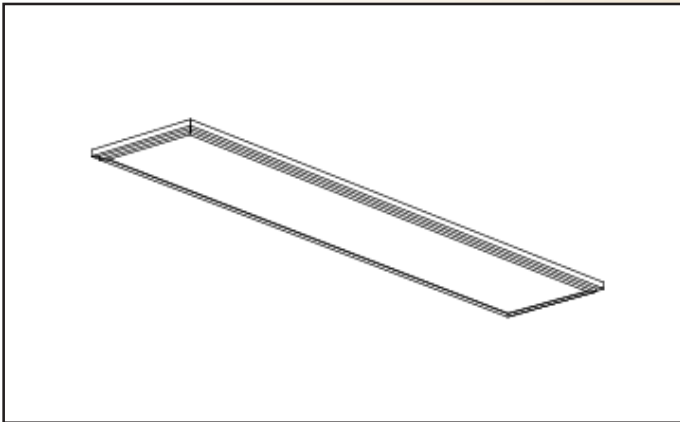
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





300 x 1220 x 19mm

11⁷/₈ x 48 x 3³/₄"

(Dimensions in inches are approximations based on metric.)

42W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

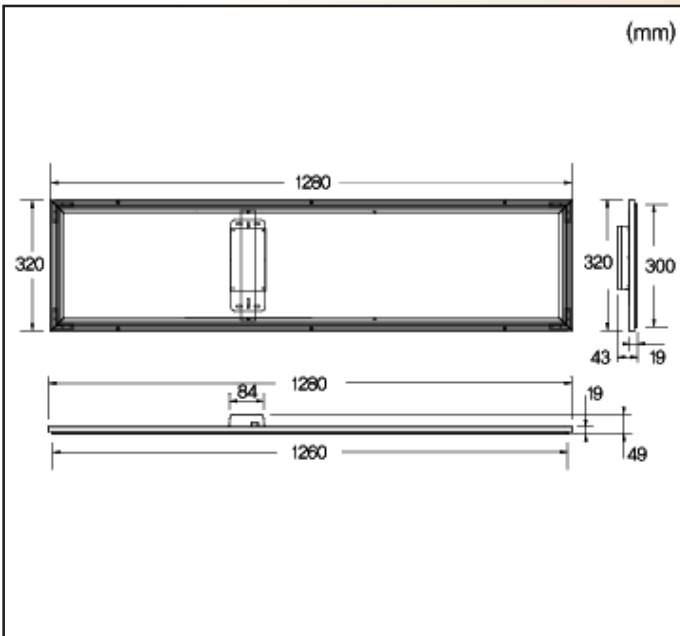
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation

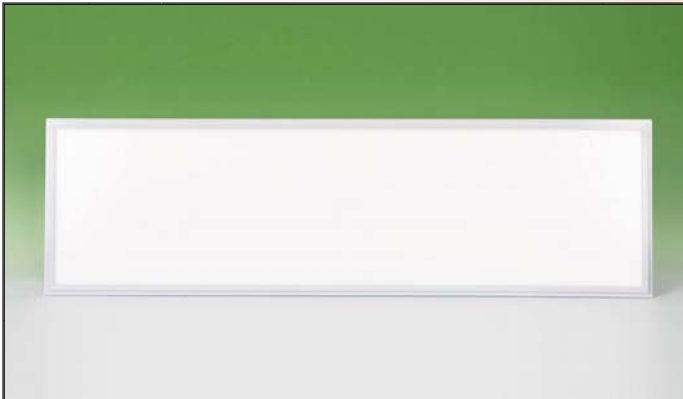


Available Installation kits

IK-01, IK-02, IK-03, IK-05A, IK-06
(www.goenergyeffective.com)

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PLF™ technology

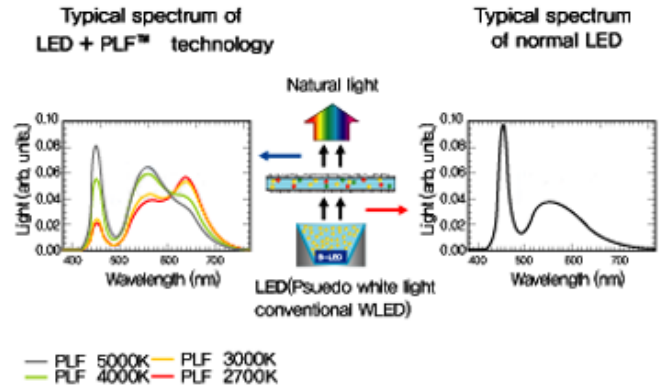


Fig.1

High reliability employing heat sink design of frame

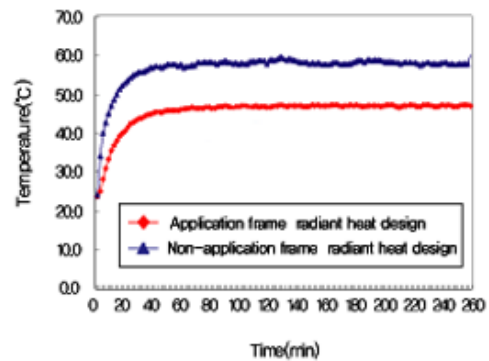


Fig.2

Certifications



Specifications

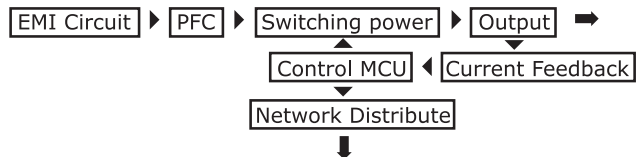
Model name	R312T1-D1/N1/W1/L1
Size(mm)	300 x 1220 x 19
Power consumption	42W
Illumination(lx, at 1M)	D 700 N 641 W 525 L 441 D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%
Luminous flux	D 2340 N 2250 W 2070 L 1800
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

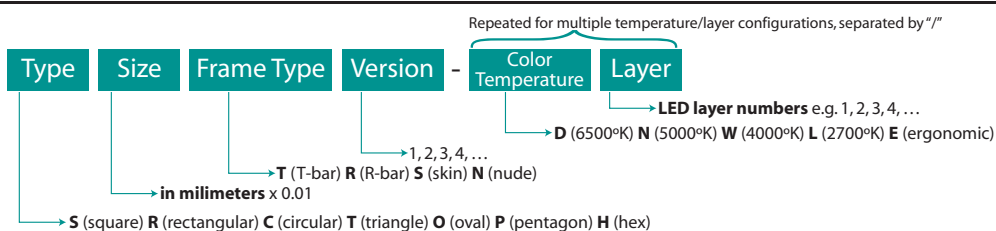
Driving circuit specifications

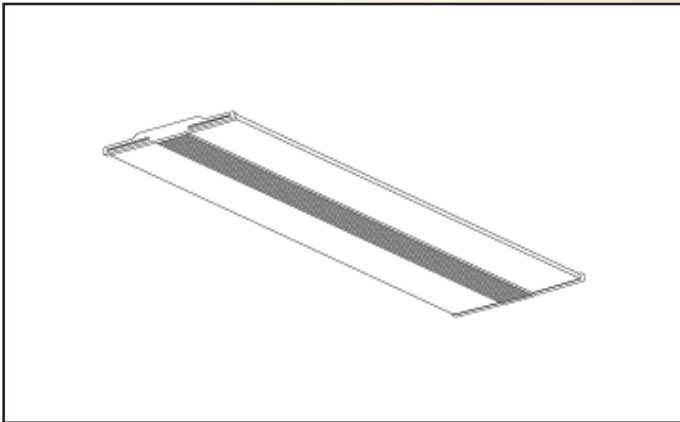
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





314 x 1180 x 33mm

12³/₈ x 46¹/₂ x 1³/₄"

(Dimensions in inches are approximations based on metric.)

83W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

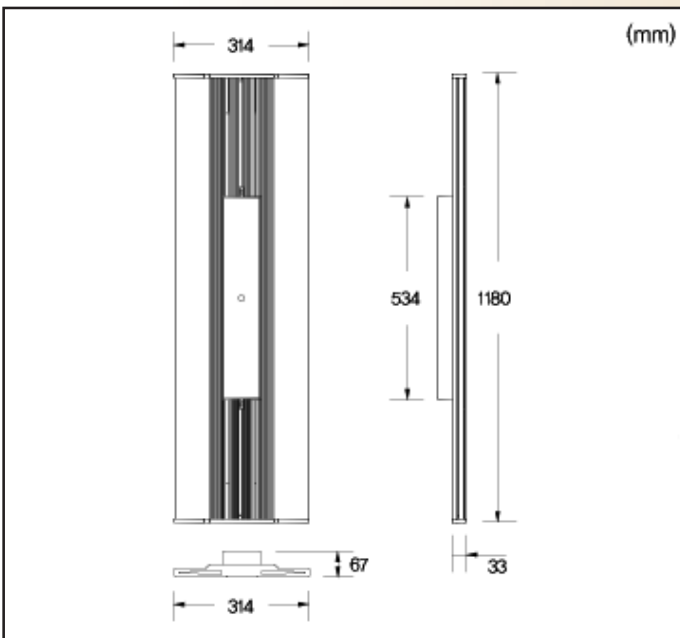
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



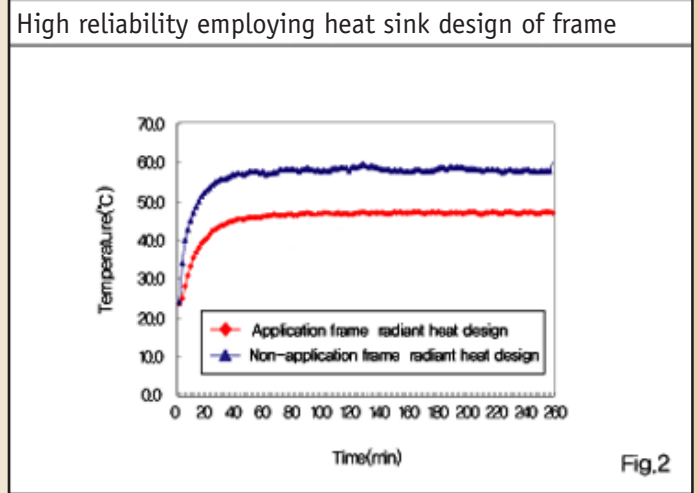
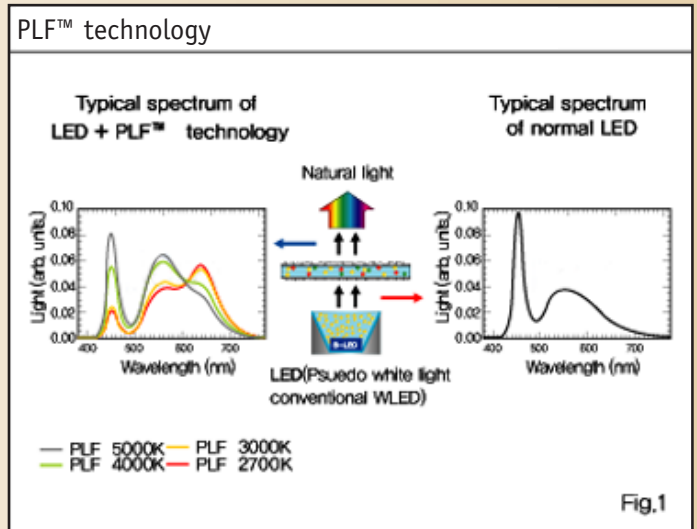
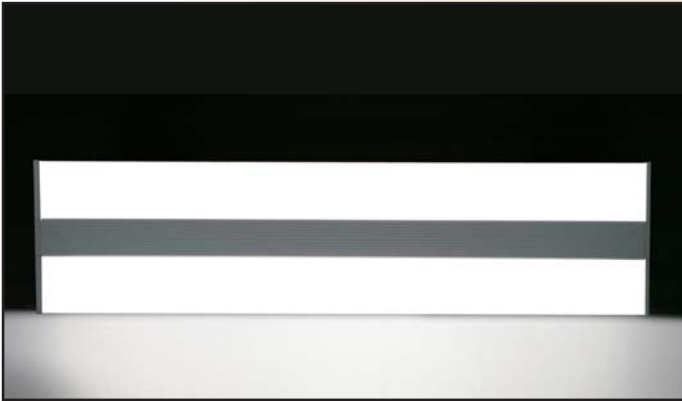
Available Installation kits

IK-05B

(www.goenergyeffective.com)

*please refer to our website for details.

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Certifications

Specifications	
Model name	R312N1-E2
Size(mm)	314 x 1180 x 33
Power consumption	83W
Illumination(lx, at 1M)	D ~ L 1100 E™D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%, 2700K~ 6300K (±10%)
Color temperature	D ~ L 3800
Luminous flux	Aluminum anodized
Frame	AC 95~240 V, 50~60 Hz
Input power	IR Remote controller
Control method	

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

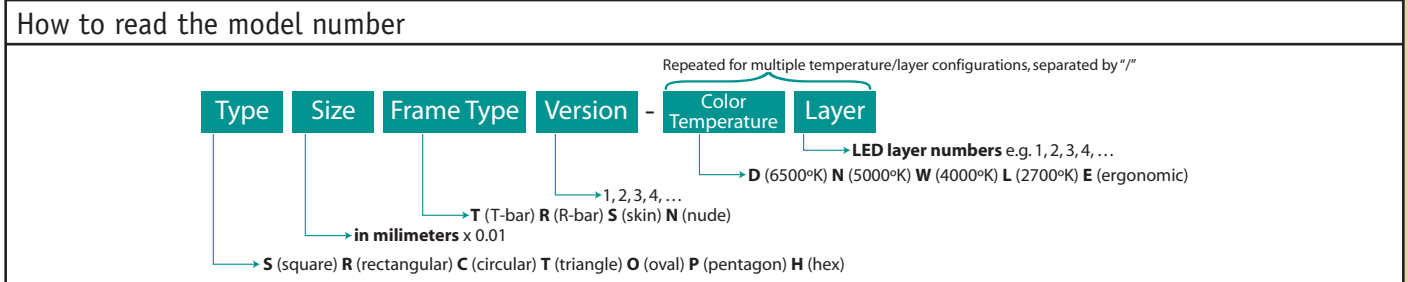
Driving circuit specifications

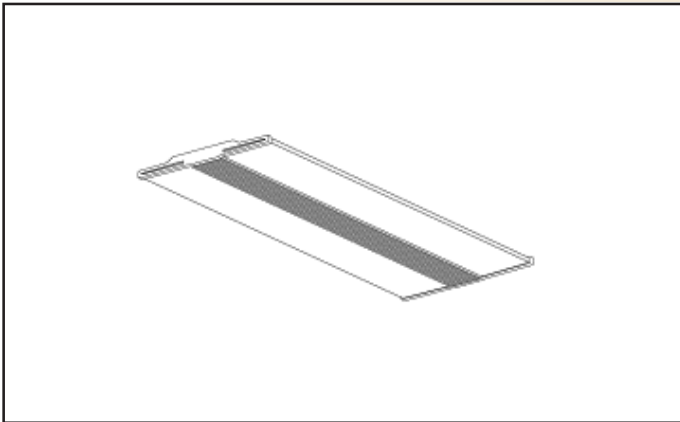
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram

```

    graph LR
      EMI[EMI Circuit] --> PFC[PFC]
      PFC --> SW[Switching power]
      SW --> Output[Output]
      Output --> MCU[Control MCU]
      MCU --> SW
      MCU --> FB[Current Feedback]
      FB --> MCU
      MCU --> ND[Network Distribute]
      ND --> Output
    
```





314 x 887 x 33mm

12³/₈ x 35 x 1³/₄"

(Dimensions in inches are approximations based on metric.)

64W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

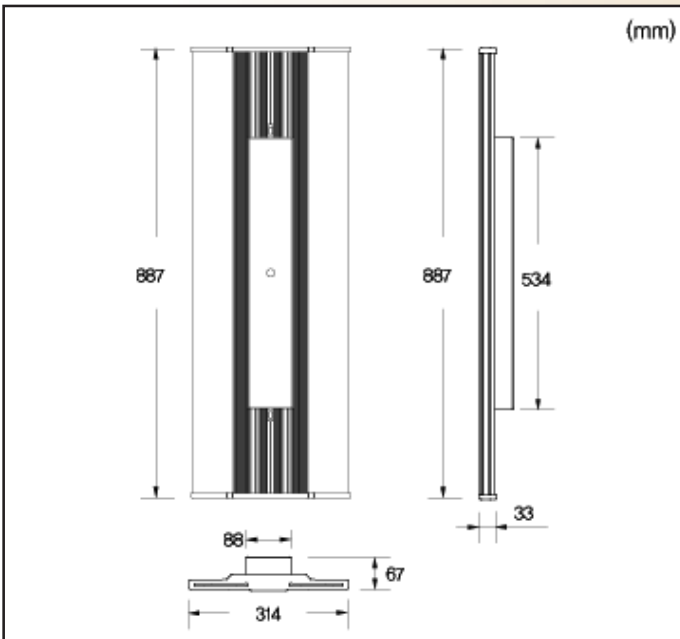
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



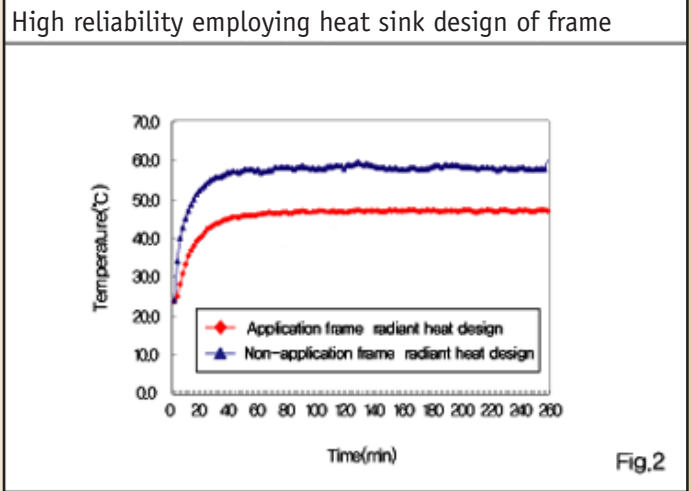
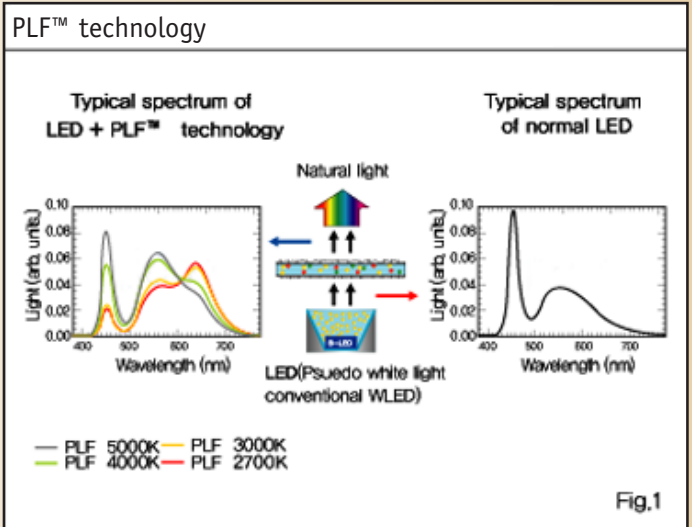
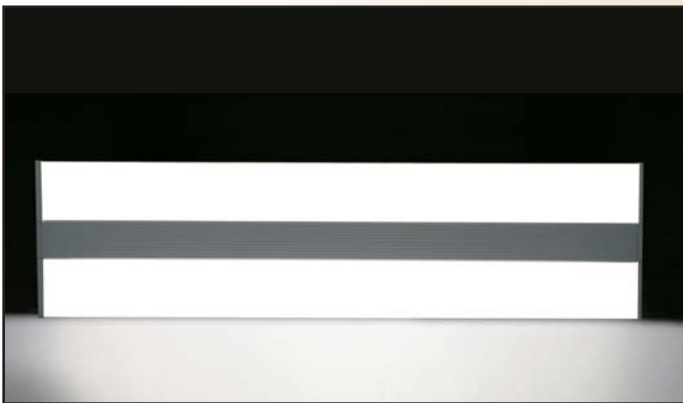
Available Installation kits

IK-05B

(www.goenergyeffective.com)

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Certifications

Specifications	
Model name	R39N1-E2
Size(mm)	314 x 887 x 33
Power consumption	64W
Illumination(Ix, at 1M)	D ~ L 1000 D: 6300K±10%, N: 5000K±10%, W: 4000K±10%, L: 2700K±10%
Color temperature	2700K ~ 6300K (±10%)
Luminous flux	D ~ L 2800
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller
Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.	

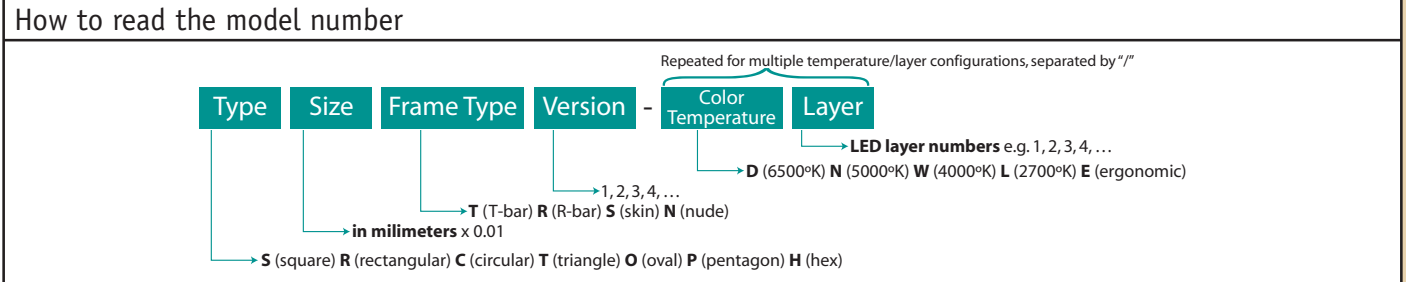
Driving circuit specifications

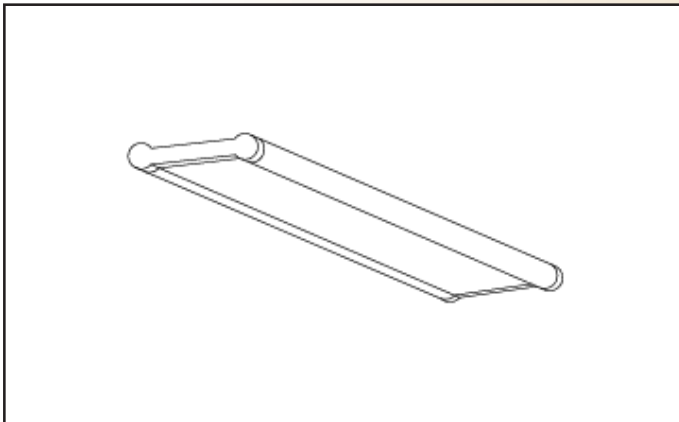
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram

```

    graph LR
      EMI[EMI Circuit] --> PFC[PFC]
      PFC --> SW[Switching power]
      SW --> Output[Output]
      Output --> MCU[Control MCU]
      MCU --> SW
      MCU --> FB[Current Feedback]
      FB --> MCU
      MCU --> ND[Network Distribute]
    
```





194 x 885 x 40mm

7⁵/₈ x 34⁷/₈ x 1⁵/₈"

(Dimensions in inches are approximations based on metric.)

60W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

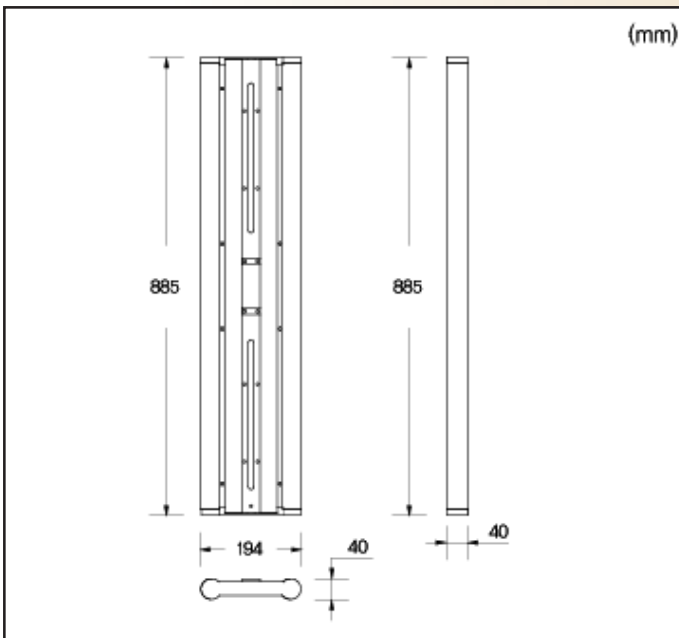
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



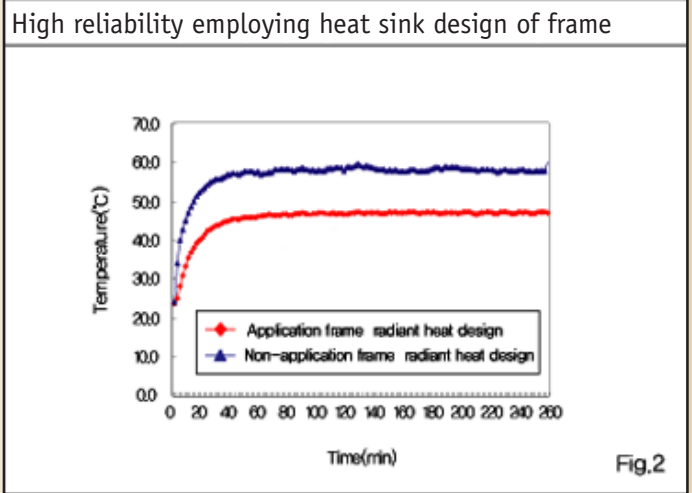
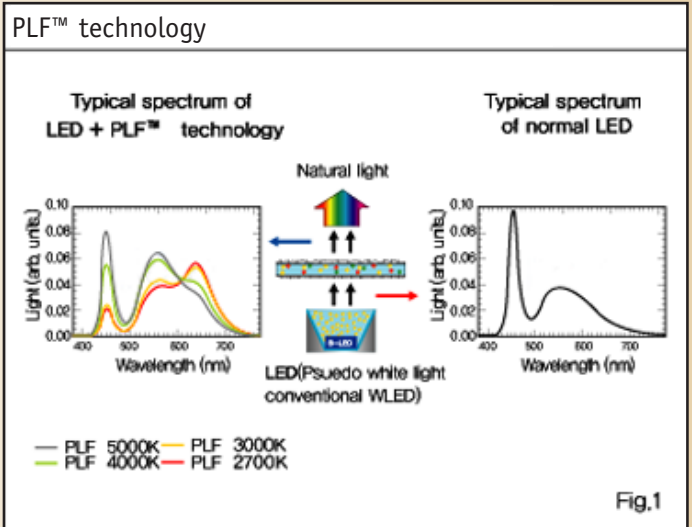
Available Installation kits

IK-07

(www.goenergyeffective.com)

*please refer to our website for details.

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Certifications

Specifications	
Model name	R29S1-E2
Size(mm)	194 x 885 x 40
Power consumption	60W
Illumination(lx, at 1M)	D ~ L 750 E™D:6300K±10%, N:5000K±10%, W:4000K±10%, L:2700K±10%, 2700K~ 6300K (±10%)
Color temperature	D ~ L 2200
Luminous flux	Aluminum anodized
Frame	AC 95~240 V, 50~60 Hz
Input power	IR Remote controller
Control method	
Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.	

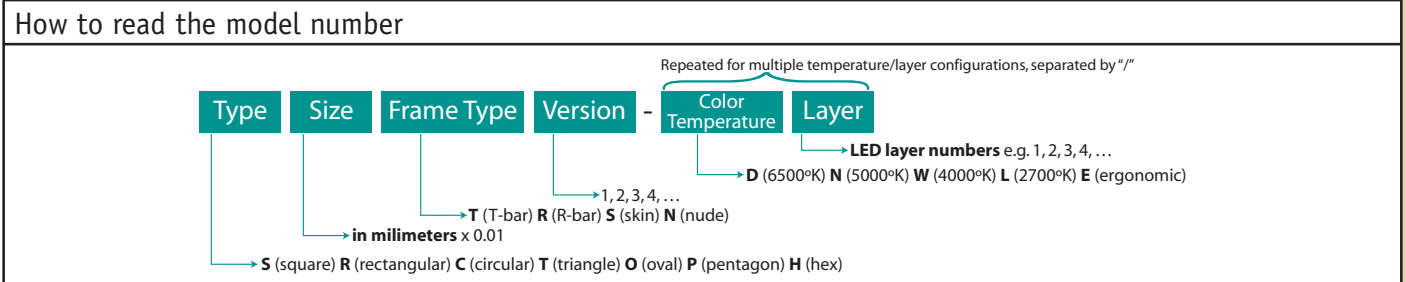
Driving circuit specifications

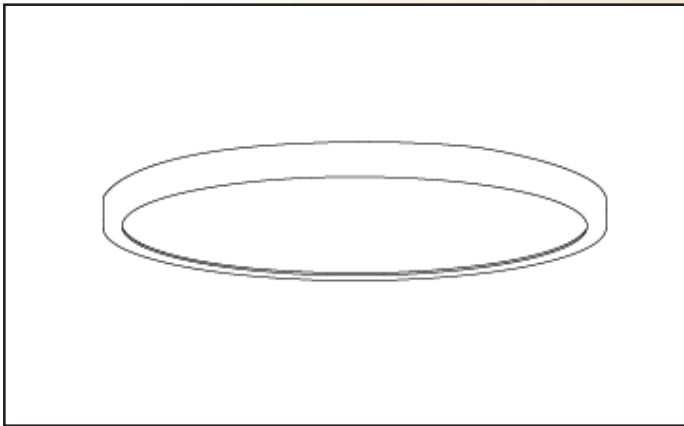
Max. capacity : 100W
 Power factor at max load : 90% or above
 Input VAC : 100 ~ 240V
 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram

```

    graph LR
      EMI[EMI Circuit] --> PFC[PFC]
      PFC --> SW[Switching power]
      SW --> Output[Output]
      Output --> MCU[Control MCU]
      MCU --> SW
      MCU --> FB[Current Feedback]
      FB --> MCU
      MCU --> ND[Network Distribute]
    
```





Ø600 x H24mm

Ø23⁵/₈ x H1"

(Dimensions in inches are approximations based on metric.)

67W

Features & Benefits

Long Life Time

Up to 50,000 hours of energy effective lighting.

Environment Friendly

RoHS compliant product, No Cadmium, Lead, or Mercury. Unlike fluorescent, there are no concerns over disposal.

Low Wattage

Reduces power consumption by 20% or more when compared with older systems. Conforms to California title 24.

Low Heat Generation

Extra savings through reduction of cooling load.

Natural Light

Superior colour rendering over other LED sources due to unique PLF™ technology; High pupil lumen factor*.

Ergonomic Light

No EMI, ballast noise, UV or glare. Non-flickering light reduces eye strain, headaches and other workplace complaints associated with fluorescent lighting. Remote controlled dimming and (on E models only) colour temperature adjustment to suit changing activities and moods.

High Uniformity

80% or better consistency of luminance across planar surface.

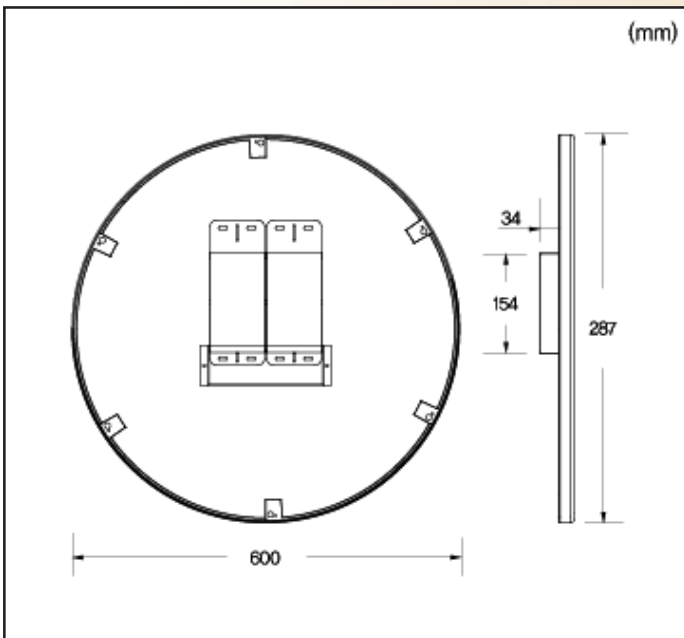
Solid Construction

Robust; nothing fragile such as bulbs, filaments and no room for insects inside the fixture.

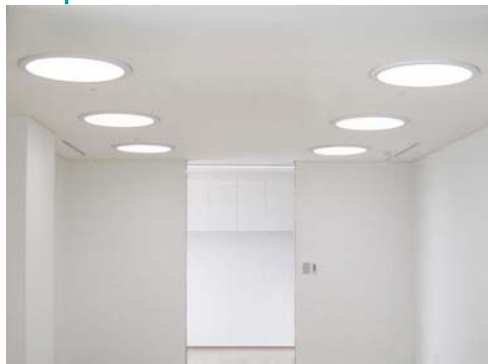
Intelligent Lighting

Compatible with leading building automation systems RS485, DMX512 (Under development).

*Refer to web site for more information:
www.goenergyeffective.com



Example Installation



Available Installation kits

IK-03, IK-05A

(www.goenergyeffective.com)

*please refer to our website for details.

The company reserves the right to change specifications and alter or improve the design or construction of its products as described herein and to furnish them when so altered without reference to the illustrations or descriptions above.



PLF™ technology

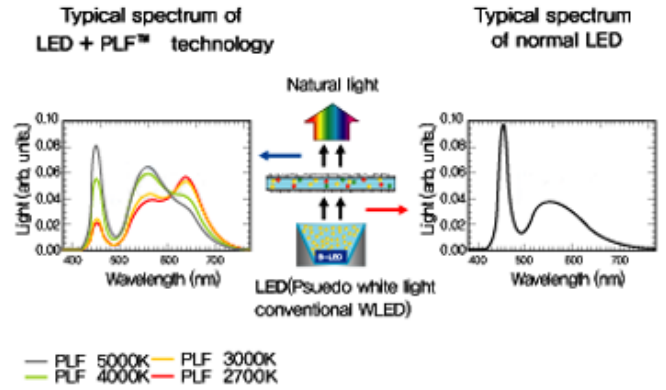


Fig.1

High reliability employing heat sink design of frame

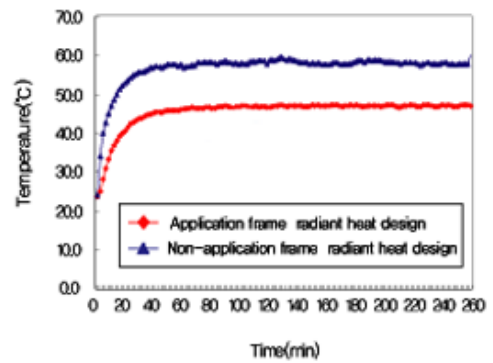


Fig.2

Certifications



Specifications

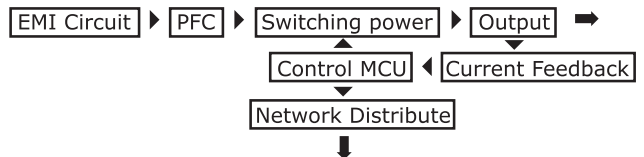
Model name	C6S1-E2
Size(mm)	Ø600 x 24H
Power consumption	67W
Illumination(lx, at 1M)	D ~ L 1180 D: 6300K±10%, N: 5000K±10%, W: 4000K±10%, L: 2700K±10%
Color temperature	2700K ~ 6300K (±10%)
Luminous flux	D ~ L 3800
Frame	Aluminum anodized
Input power	AC 95~240 V, 50~60 Hz
Control method	IR Remote controller

Notes: DC extension wire harness to be ordered separately to mount PSU remotely from the fixture.

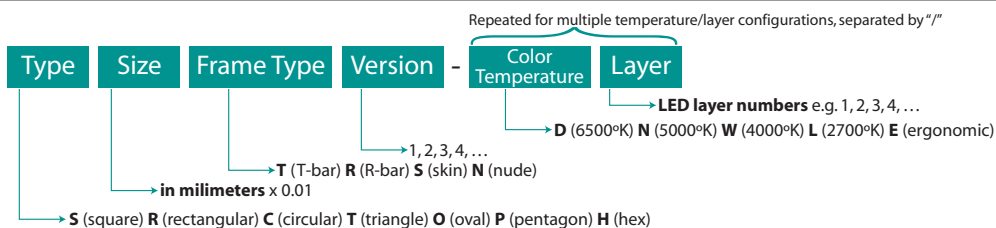
Driving circuit specifications

Max. capacity : 100W
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 Input frequency AC : 50/60Hz
 Operating temp./humidity : -10°C~45°C, 75±20% RH
 Store temp./humidity : -40°C~85°C, 75±20% RH

Concept block diagram



How to read the model number





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