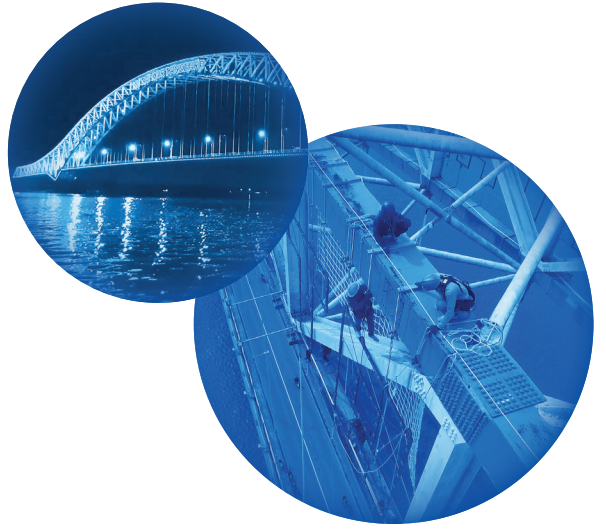


Panasonic

PROJECT CATALOGUE 2024

PROFESSIONAL LIGHTING FIXTURE

 Indonesia Market



Panasonic is the world's largest brand of electrical products, always supporting the progress of the times, continuing to be committed to seeking new ways to fulfill the mission to improve human life and help advance society through superior products from Panasonic, creating an easier, safer, living space. healthier, more enjoyable, and more sustainable for people and the environment.

Panasonic introduces solutions with technology and know-how for useful lighting design job references. Providing happiness to customers is one of Panasonic's core values. Together to create a better life.

Live Your Best

Panasonic LED

The best lighting for the world

LED lighting is adopted as a substitute for conventional light sources, mainly for the purpose of saving energy, considering the impact on the environment, increasing efficiency, etc. Until now, the development of LED technology and the use of LED have developed rapidly, such as the use of LED technology to dim the light, change the color of the light, lighting performance, automation, etc.

Now we are in an era where the emotional side can be created to express a wide range of lighting.

LEDs are not only for lighting but also for attracting people's attention and can create a different atmosphere in a room or open space.

Light can create an atmosphere of warmth, coolness, dynamism and serenity which has a major influence on the emotional side of humans. The meaning of lighting will continue to develop, this is one of the important elements that can be expressed in a room or architectural concept.

Panasonic leverages engineering and design expertise for better lighting, this way we will create an attractive environment with you. Experience for yourself how our LED lighting products add value to any application.



CONTENTS

Introduction

The meaning of lighting for
a better world

P.A1-A2

Contents

P.A3-A4

Lighting Solutions
for Professionals

P.B1-B2

Job References

P.B3-B16



INDOOR LIGHTING

Special Down Light

P.01-14

System light
I - Series
J- Series
Adjustable Dowlight
Glareless Family
Down Light Waterproof
Spot Track Light
Pendant Linier

General Base Light

P.15-34

iD Series
iD Series Rainproof
HACCP & Clean Food Series
System Ceiling

Industrial Light

P.35-42

LED Tri-Proof Batten
LED Tri-Proof JPO
LED High Bay

Cove & Contour Lighting

P.43-44

LED Flexible Strip Light



 **OUTDOOR LIGHTING**

Street Light **P.45-46**
Street Light EVO Series

Flood Light **P.47-48**
Flood Light C Series

Decorative Light **P.49-56**
LED Flood Light (Mono & RGBW Color)
LED Wall Washer (Mono & RGBW Color)
LED Pixel Light
LED Inground (Mono & RGBW Color)
LED Step Light
LED Bollard Light
Constant Voltage Driver

Appendix

Index Product Number
P.C1-C3

Precaution on Using
LED Base Lighting
P.C4

Panasonic's UNIQUE PROFESSIONAL ASSISTANCE

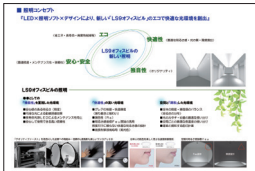
Beauty, Comfort and Reliability. In addition to these 3 core values on offer, we also provide professional assistance through our light engineering support, technical tools and Panasonic unique technologies. We provide solutions that balance our customer's business success and environmental & social sustainability.

Lighting Engineering Support

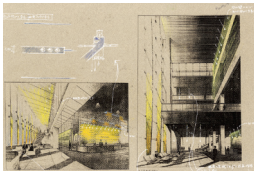
Panasonic provides professional lighting using its unique technical know-how

01.

Planing and Basic design



Creating the lighting concept



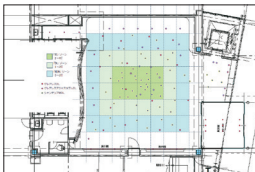
Sketching image of the proposal



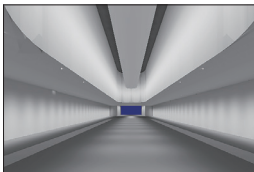
Collaborating with designers and architects

02.

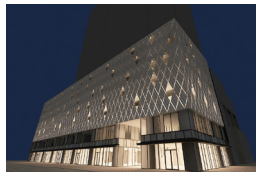
Design and Implementation



Light distribution plan



Considering the human sense of brightness through "Feu"



Verification by "Real CG"

03.

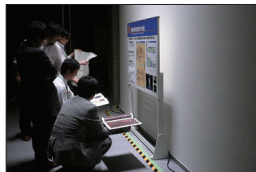
Testing and On-site validation



Use various lamp to test contrast effects



Experimentation through a mock-up



Examination of the appearance of the light distribution and color

04.

Validation after completion



Confirmation and adjustment on site at time of delivery



Validation of illumination and "Feu" after delivery



Accumulation of know-how

* Lighting evaluation index [Feu]

LIGHTING SOLUTIONS

Panasonic are proud to introduce a wide range of lighting fixtures as solutions to meet today's society's needs in areas ranging from urban infrastructure design, to workspace innovation along with retail and manufacturing facilities.

Panasonic LED, Light up the way to a better world.

INFRASTRUCTURE Safety & Reliability



Road Lighting

INDUSTRIAL Rationality & Productivity



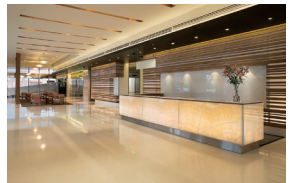
Warehouse Lighting

COMMERCIAL Vitality & Promotion



Office Lighting

HOSPITALITY Comfort & Relaxation



Hotel Lighting



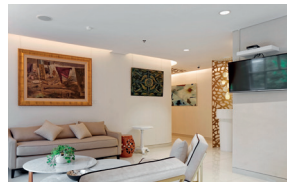
Sports Facility Lighting



Factory Lighting



Retail shop Lighting



Residence Lighting

Job References

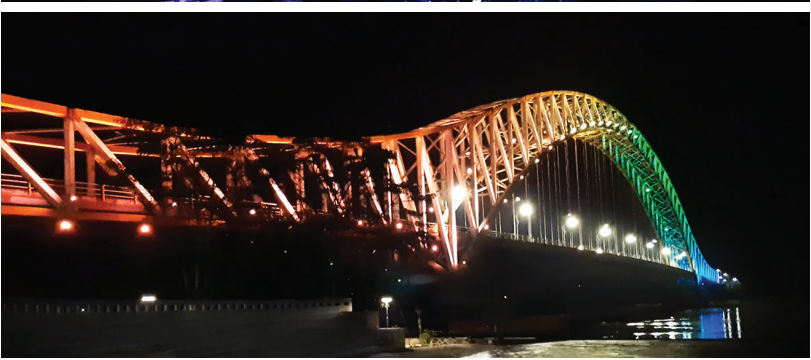
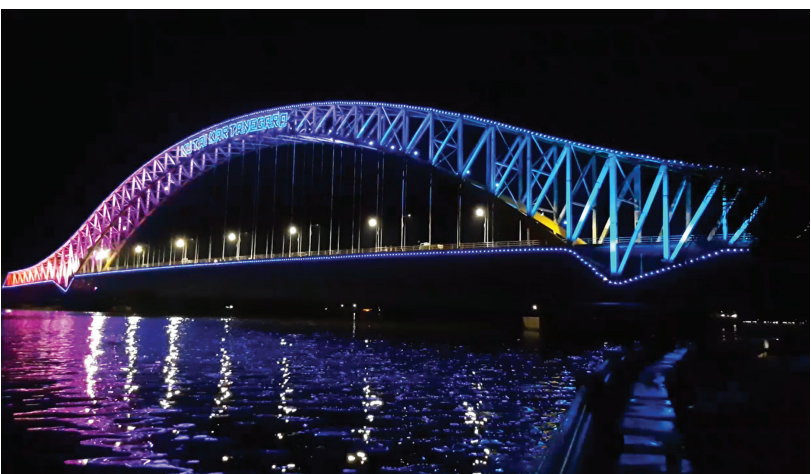
Decorative lighting for city beautification

TENGGARONG BRIDGE KUTAI KARTANEGARA, KALIMANTAN

- INDONESIA -

Beauty & Dynamic Lighting.

Dynamic Lighting in an iconic city building by using many light colors that change as desired, can add aesthetic value to a more beautiful urban planing concept.



Property Information
Completion : Oktober 2020
Lighting : LED Flood Light RGBW,
LED Pixel Light



Property Information
Location : View from street
Completion : Oktober 2020
Lighting : LED Flood Light RGBW



Before installation



Installation

G20 PROJECT BALI

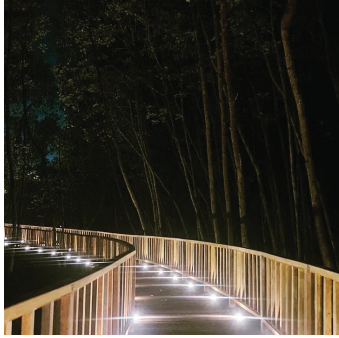
- INDONESIA -



Property Information
Location : Monumen KTT G20 Bali
Completion : November 2022
Lighting : LED Flood Light , LED Strip Light



Property Information
Location : Mangrove Area 'Taman Hutan Raya' Ngurah Rai
Completion : November 2022
Lighting : LED Step Light, LED Mounting Inground



Property Information
Location : Mangrove Area 'Taman Hutan Raya' Ngurah Rai
Completion : November 2022

Lighting : LED Mounting Inground



Property Information
Location : Mangrove Area 'Taman Hutan Raya' Ngurah Rai
Completion : November 2022

Lighting : LED Solar Street Light

TUGU LONTAR, Gresik City - Indonesia



Property Information
Completion : November 2019
Lighting : LED Flood Light RGBW,
LED Pixel RGB
LED Water Fountain,
LED Bolard

MASJID AGUNG, Magetan - Indonesia



Property Information
Completion : Mei 2019
Lighting : LED Flood Light Standard
LED Flood Light RGBW,
LED Wallwasher

Islamic Center Tower, Lampung



Property Information
Completion : December 2019
Lighting : LED Flood Light RGBW,
LED Flood Light Mono Color

TAMAN PUSAT PEMERINTAH BADUNG, Bali - Indonesia



Property Information
Completion : November 2019
Lighting : LED Wallwasher RGBW,
LED Flood Light RGBW,
LED Under Water

TUGU OBOR - ORO ORO OMBO, Madiun City - Indonesia



Property Information
Completion : March 2019
Lighting : LED Decorative, Floodlight & Pixle Light RGBW Color

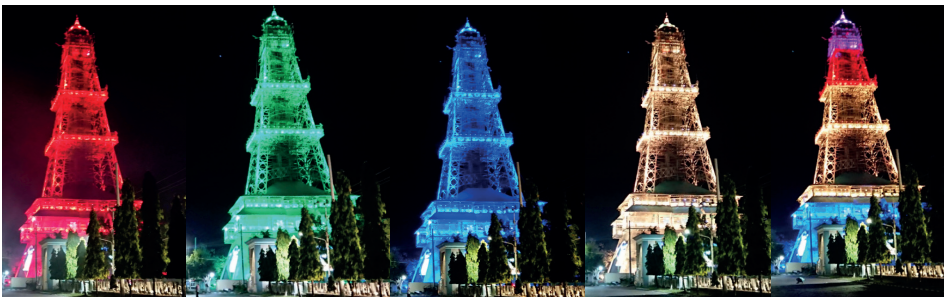
MENARA MASJID PONDOK GONTOR, Ponorogo - Indonesia



Property Information
Completion : Mei 2019
Lighting : LED Decorative, Floodlight RGBW Color

PAKAYA TOWER LIMBOTO, GORONTALO

- INDONESIA -



Property Information
Completion : November 2018
Lighting : LED Wallwasher RGBW
LED Flood Light RGBW
LED Pixel RGBW





Application of stadium lighting

BENTENG FOOTBALL STADIUM

- INDONESIA -



Property Information
Completion : November 2022
Location : Indonesia / Tangerang
Lighting : LED Flood Light G-Type (DMX)

Intelligent Lighting Fixtures.
This stadium uses floodlight lamps from Panasonic with DMX (Digital Multiplex) system control technology, creating a professional level lighting event at a stadium performance.





Job References

Implementing All LED Field Illumination

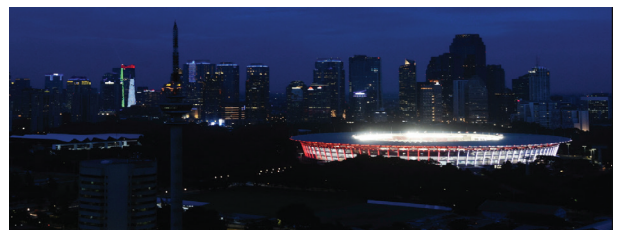
GELORA BUNG KARNO FOOTBALL STADIUM -INDONESIA-



The First newly-built domestic stadium to adopt a full LED Flood light system

3500lx illumination is maintained on the whole pitch, fulfilling the Japanese Soccer Association's standards. By combining three types of floodlights to light the field, it is possible to configure the lighting to meet required luminance. Through the combination of LED and new narrow-angle light distribution lenses, we have developed a lighting module to prevent the overlapping of light, which causes glare. In addition, CRI 80 LEDs provide support for high-color rendering on live television broadcasts, reproducing bright colors.

In case of emergency, the lights can assume functions for the area's primary refuge point or disaster countermeasure department.





Property Information
 Completion : January 2018
 Location : Indonesia / Jakarta
 Owner : Kementrian Serikat Negara RI
 Lighting : Flood Light (High Lumen Salt Resistance)

Space Lighting Layout

Software technology to powerfully and equally illuminate the field.

By controlling the angle, number and position of devices with over 610 lights. This creates an easily playable environment for the athletes.



Light Distribution Layout

The system uses LED hardware technology to reduce glare on the athletes.

By using Panasonic's proprietary design technology, we have been able to achieve a narrow-angle light distribution. By reducing the overlap of light that causes glare, it is reduced both horizontally on the field and even when looking up at the lights.

*Approx. 50% Consumption Reduction
LED Floodlight Module Types

Before: Too much glare on the field
 After: Less glare for an easier play

Application of stadium lighting

GELORA BUNG TOMO FOOTBALL STADIUM

- INDONESIA -



Property Information
Completion : December 2020
Location : Indonesia / Surabaya Sport Center
Lighting : LED Flood Light White Series
LED Flood Light G-Series

Bright, safe and glareless

Lighting throughout the field is the main point to meet lighting needs, especially during professional football matches. By using a floodlight type lamp to illuminate the field, the lighting can be configured to meet the lighting required. The light result is still bright but safe and glareless.





Application of stadium lighting

JAKARTA INTERNATIONAL STADIUM (JIS)

- INDONESIA -



Property Information
 Completion : February 2022
 Location : Indonesia / Jakarta
 Lighting : LED Flood Light G-Type
 LED Wallwasher RGBW
 LED Pixel Light RGBW

High-Quality Light Source.

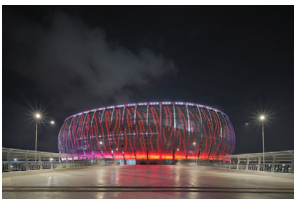
Lighting in the stadium built with high-pressure cast aluminum electric box, stainless steel or chrome-plated fittings, making installation flexible and convenient. It can create a bright, long-lasting and innovative lighting environment, also can create a certain impression and effect in a stadium performance event according to needs. This stadium uses a floodlight type from Panasonic with a DMX (Digital Multiplex) control system. This technology is used as a standard communication protocol to remotely control intelligent lighting fixtures.



Interior Lighting



Exterior Lighting



Application of stadium lighting

KAPTEN I WAYAN DIPTA FOOTBALL STADIUM

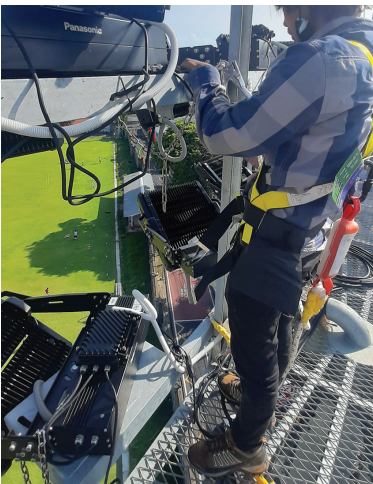
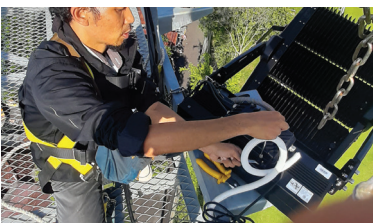
- INDONESIA -



Property Information
Completion : July 2021
Location : Indonesia / Gianyar-Bali (Bali United)
Lighting : LED Flood Light G-Type (DMX)

Intelligent Lighting Fixtures.

Lighting in the stadium is not only about lighting, but can also create a certain impression and effect in a stadium performance event according to needs. This stadium uses a floodlight type from Panasonic with a DMX (Digital Multiplex) control system. This used as a communication protocol standard to remotely control intelligent lighting fixtures.



Application of indoor lighting

LIPPO MALL PURI ST. MORITZ, JAKARTA

- INDONESIA -

Lippo Group's large scale shopping mall within a composite facility



Property Information
Location : Indonesia / Jakarta
Owner : PT Lippo Karawaci Tbk.
Lighting design : LITAC

Energy saving and easy maintenance design for a high grade shopping mall

Low glare LED Downlights and LED Strip Lights are utilized for indirect lighting and energy savings that require minimal maintenance for one of the biggest shopping malls in Jakarta.



Property Information
Location : Indonesia / Jakarta
SUKIYA Lippo Mall Puri, St. Moriz

The minimalist design of the lamp and good lighting can blend with the design of a Japanese-style restaurant.

The LED lighting design utilizes the surrounding area to create a welcoming and comfortable atmosphere for both waiters and customers at this Gyudon restaurant.



SPECIAL DOWN LIGHT

System Light

Glareless Series

Downlight I Series

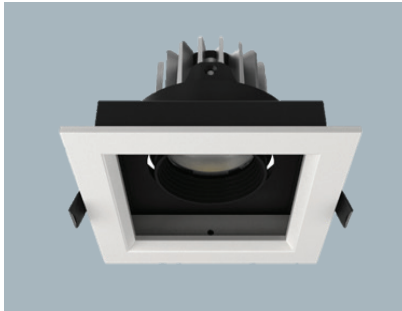
Downlight Waterproof

Downlight J Series

Adjustable Downlight



TOLSO Series

Downlight System Light





Dimension

1 Lamp

Type	W	L	H
 $\varnothing 100$ Cut-Out Size	113mm	113mm	80mm
 $\varnothing 125$ Cut-Out Size	140mm	140mm	97mm

2 Lamps

Type	W	L	H
2 x  $\varnothing 100$ Cut-Out Size	113mm	216mm	80mm
2 x  $\varnothing 125$ Cut-Out Size	140mm	275mm	97mm

Application




Specification

Ambient Temperature : -20°C until 40°C
 Power Factor : 0.9


Body : Aluminum Die Casting
 Diffuse : Polycarbonate
 Driver : Integrated

System Light 1 Lamp



NNP22922031 4000K
 12W • 790lm • 65.8lm/W
 AC 220-240V • 50/60Hz
 CRI 90


NNP22912031 3000K
 12W • 790lm • 65.8lm/W
 AC 220-240V • 50/60Hz
 CRI 90



NNP24922031 4000K
 18W • 1150lm • 63.9lm/W
 AC 220-240V • 50/60Hz
 CRI 90


NNP24912031 3000K
 18W • 1150lm • 63.9lm/W
 AC 220-240V • 50/60Hz
 CRI 90

System Light 2 Lamps



NNP22942031 4000K
 24W • 1580lm • 65.8lm/W
 AC 220-240V • 50/60Hz
 CRI 90

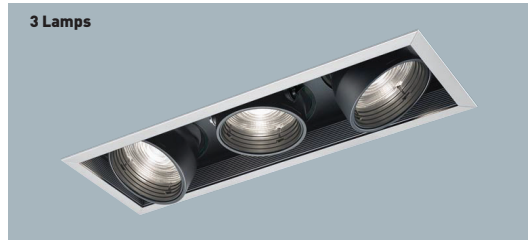
NNP22932031 3000K
 24W • 1580lm • 65.8lm/W
 AC 220-240V • 50/60Hz
 CRI 90



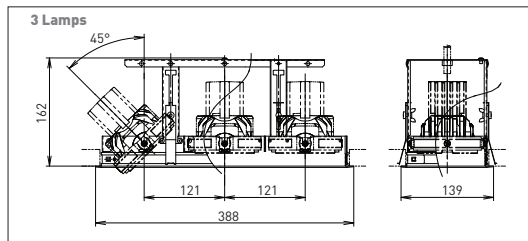
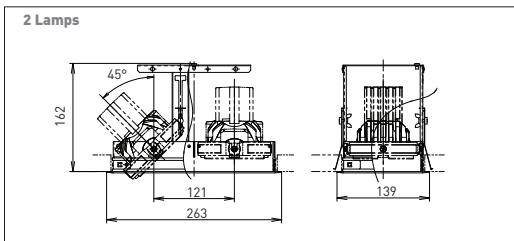
NNP24942031 4000K
 36W • 2300lm • 63.9lm/W
 AC 220-240V • 50/60Hz
 CRI 90

NNP24932031 3000K
 36W • 2300lm • 63.9lm/W
 AC 220-240V • 50/60Hz
 CRI 90

Downlight System Light TOLSO Series



Dimension



Box Frame Unit (for 2 lamps)



Box Frame Unit (for 3 lamps)

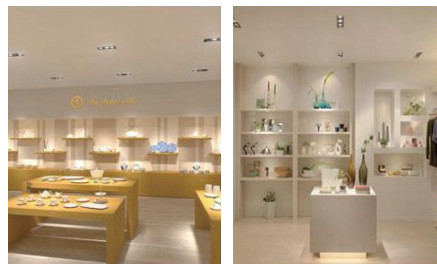
Specification

Ambient Temperature : -20°C until 40°C
Power Factor : 0.85

Body : Aluminum Die Casting
Diffuse : Polycarbonate
Driver : Integrated
Dimming : PWM Dim

Multiple lamps are put together in a box to create a clean ceiling surface. The compact size and reduced glare suppress the presence of equipment and produce a calm space. Directly combined with lamps. In combination with various lamps, it is possible to produce freely according to the space and scene

Application



Downlight System Light TOLSO Series




System Light 2 Lamp

Cut Out 125 x 240
Dimmable 

XNTS51411DLJ9031 4000K
30.8W • 2290lm • 74.4lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51412DLJ9031 3500K
30.8W • 2240lm • 72.7lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51413DLJ9031 3000K
30.8W • 2170lm • 70.5lm/W CRI 85
AC 100-242V • 50/60Hz

Cut Out 125 x 240
Dimmable 

XNTS51431DLJ9031 4000K
30.8W • 2250lm • 73.1lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51432DLJ9031 3500K
30.8W • 2210lm • 71.8lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51433DLJ9031 3000K
30.8W • 2130lm • 69.2lm/W CRI 85
AC 100-242V • 50/60Hz

Cut Out 125 x 240
Dimmable 

XNTS52461DLJ9031 4000K
37.8W • 3110lm • 82.3lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52462DLJ9031 3500K
37.8W • 3060lm • 80.9lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52463DLJ9031 3000K
37.8W • 2980lm • 78.8lm/W CRI 85
AC 100-242V • 50/60Hz


Cut Out 125 x 240
Dimmable 

XNTS52481DLJ9031 4000K
37.8W • 3380lm • 89.4lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52482DLJ9031 3500K
37.8W • 3320lm • 87.8lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52483DLJ9031 3000K
37.8W • 3240lm • 85.7lm/W CRI 85
AC 100-242V • 50/60Hz


System Light 3 Lamp

Cut Out 125 x 375
Dimmable 

XNTS51411TLJ9031 4000K
46.2W • 3435lm • 74.4lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51412TLJ9031 3500K
46.2W • 3360lm • 72.7lm/W CRI 85
AC 100-242V • 50/60Hz


XNTS51413TLJ9031 3000K
46.2W • 3255lm • 70.5lm/W CRI 85
AC 100-242V • 50/60Hz

Cut Out 125 x 375
Dimmable 

XNTS51431TLJ9031 4000K
46.2W • 3375lm • 73.1lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51432TLJ9031 3500K
46.2W • 3315lm • 71.8lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS51433TLJ9031 3000K
46.2W • 3195lm • 69.2lm/W CRI 85
AC 100-242V • 50/60Hz

Cut Out 125 x 375
Dimmable 

XNTS52461TLJ9031 4000K
56.7W • 4665lm • 82.3lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52462TLJ9031 3500K
56.7W • 4590lm • 80.9lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52463TLJ9031 3000K
56.7W • 4470lm • 78.8lm/W CRI 85
AC 100-242V • 50/60Hz

Cut Out 125 x 375
Dimmable 

XNTS52481TLJ9031 4000K
56.7W • 5070lm • 89.4lm/W CRI 85
AC 100-242V • 50/60Hz

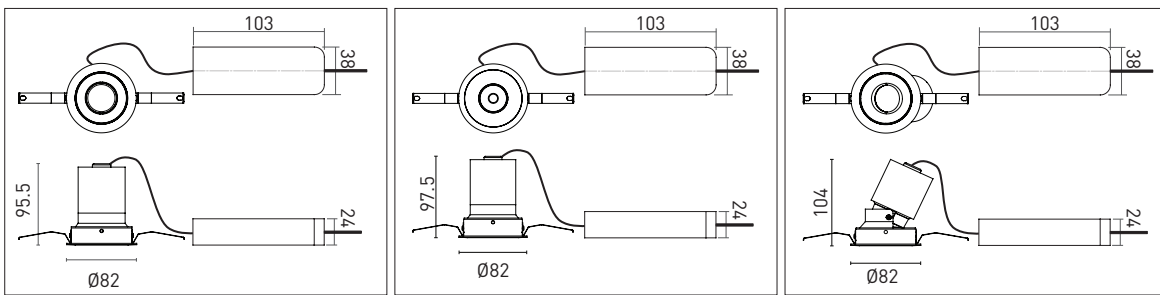
XNTS52482TLJ9031 3500K
56.7W • 4980lm • 87.8lm/W CRI 85
AC 100-242V • 50/60Hz

XNTS52483TLJ9031 3000K
56.7W • 4860lm • 85.7lm/W CRI 85
AC 100-242V • 50/60Hz

Downlight Glareless Series



Dimension



Specification

Ambient Temperature : -20°C until 40°C
 Power Factor : 0.9

Body : Painted Aluminum Die-cast
 Diffuse : Polycarbonate
 Driver : Included
 Dimming : Phase Cut Dim

LED Glareless optical design provides smooth and beautiful light distribution angles. A thin reflector frame that sticks to the thickness of the ceiling surface will look beautiful from the bottom.

Application



FIXED PINHOLE TYPE

Cut Out Ø75 Glare Cut 90° 	Cut Out Ø75 Glare Cut 90°
NNP73296K031 4000K 9W • 380lm • 42.23lm/W AC 220-240V • 50/60Hz CRI 90	NNP73298K031 4000K 9W • 380lm • 42.23lm/W AC 220-240V • 50/60Hz CRI 90
NNP73295K031 3000K 9W • 380lm • 42.23lm/W AC 220-240V • 50/60Hz CRI 90	NNP73297K031 3000K 9W • 380lm • 42.23lm/W AC 220-240V • 50/60Hz CRI 90

ADJUSTABLE GLARELESS TYPE

Cut Out Ø75 Glare Cut 90° 	Cut Out Ø75 Glare Cut 90°
NNP23292K031 4000K 9W • 490lm • 54.45lm/W AC 220-240V • 50/60Hz CRI 90	NNP23294K031 4000K 9W • 490lm • 54.45lm/W AC 220-240V • 50/60Hz CRI 90
NNP23291K031 3000K 9W • 490lm • 54.45lm/W AC 220-240V • 50/60Hz CRI 90	NNP23293K031 3000K 9W • 490lm • 54.45lm/W AC 220-240V • 50/60Hz CRI 90
NNP23290K031 2700K 9W • 490lm • 54.45lm/W AC 220-240V • 50/60Hz CRI 90	

FIXED GLARELESS TYPE

Cut Out Ø75 Glare Cut 90° 	Cut Out Ø75 Glare Cut 90°
NNP73292K031 4000K 9W • 600lm • 66.67lm/W AC 220-240V • 50/60Hz CRI 90	NNP73294K031 4000K 9W • 600lm • 66.67lm/W AC 220-240V • 50/60Hz CRI 90
NNP73291K031 3000K 9W • 600lm • 66.67lm/W AC 220-240V • 50/60Hz CRI 90	NNP73293K031 3000K 9W • 600lm • 66.67lm/W AC 220-240V • 50/60Hz CRI 90
NNP73290K031 2700K 9W • 600lm • 66.67lm/W AC 220-240V • 50/60Hz CRI 90	

Downlight Waterproof Series



Application

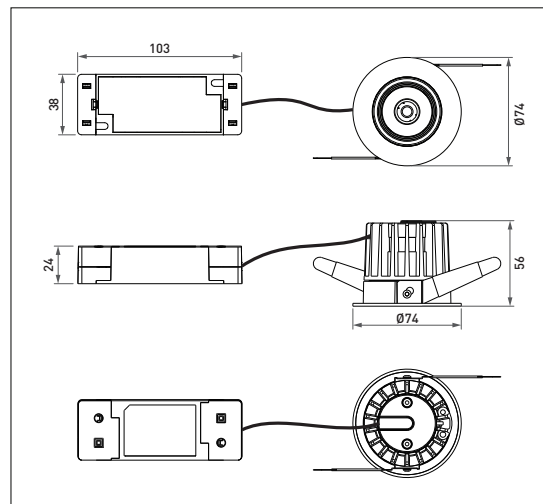


Specification


Ambient Temperature : -20°C until 40°C
 Power Factor : 0.85

Fixture Body : Painted Aluminum Die-cast
 Diffuse : Polycarbonate
 Driver : Integrated

Dimension




12W TYPE

Cut Out Ø65 

NNP73184031 4000K
 12W • 950lm • 79lm/W CRI 90
 AC 220-240V • 50/60Hz

NNP73183031 3000K
 12W • 950lm • 79lm/W CRI 90
 AC 220-240V • 50/60Hz

12W TYPE

Cut Out Ø65 

NNP73186031 4000K
 12W • 950lm • 79lm/W CRI 90
 AC 220-240V • 50/60Hz

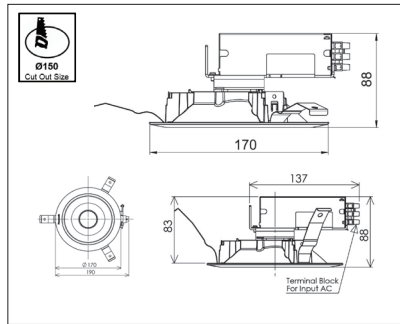
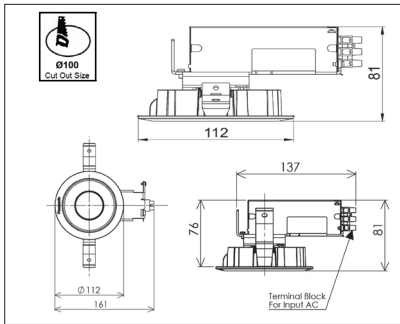
NNP73185031 3000K
 12W • 950lm • 79lm/W CRI 90
 AC 220-240V • 50/60Hz

NNP73187031 2700K
 12W • 950lm • 79lm/W CRI 90
 AC 220-240V • 50/60Hz

Downlight I Series



Dimension



Specification

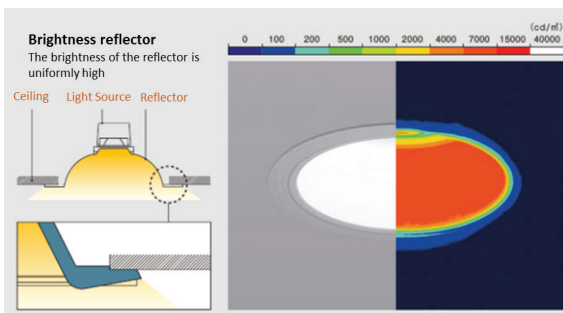
Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Silver Specular Finish

Body : Aluminum Die Cast
 Reflector : Anodized Aluminium Specular
 Frame : Painted Cool White

Cool White Finish

Body : Aluminum Die Cast
 Reflector : Painted Aluminium Die Cast Cool White
 Frame : Painted Cool White



Downlight | Series



10,5W TYPE

Silver Color
Cut Out Ø100
Glare Cut 15°



NNP72245031 5000K
10,5W • 1045lm • 99,5lm/W
AC 220-240V • 50/60Hz

NNP72234031 4000K
10,5W • 1035lm • 98,6lm/W
AC 220-240V • 50/60Hz

NNP72235031 3500K
10,5W • 1010lm • 96,2lm/W
AC 220-240V • 50/60Hz

NNP72236031 3000K
10,5W • 985lm • 93,8lm/W
AC 220-240V • 50/60Hz

White Color
Cut Out Ø100
Glare Cut 15°



NNP72237031 5000K
10,5W • 1060lm • 101lm/W
AC 220-240V • 50/60Hz

NNP72238031 4000K
10,5W • 1055lm • 100,5lm/W
AC 220-240V • 50/60Hz

NNP72239031 3500K
10,5W • 1030lm • 98,1lm/W
AC 220-240V • 50/60Hz

NNP72240031 3000K
10,5W • 1000lm • 95,2lm/W
AC 220-240V • 50/60Hz

Silver Color
Cut Out Ø150
Glare Cut 15°



NNP72430031 5000K
10,5W • 1070lm • 101,9lm/W
AC 220-240V • 50/60Hz

NNP72431031 4000K
10,5W • 1060lm • 101lm/W
AC 220-240V • 50/60Hz

NNP72432031 3500K
10,5W • 1040lm • 99lm/W
AC 220-240V • 50/60Hz

NNP72442031 3000K
10,5W • 1010lm • 96,2lm/W
AC 220-240V • 50/60Hz

White Color
Cut Out Ø150
Glare Cut 15°



NNP72434031 5000K
10,5W • 1050lm • 100lm/W
AC 220-240V • 50/60Hz

NNP72435031 4000K
10,5W • 1040lm • 99lm/W
AC 220-240V • 50/60Hz

NNP72436031 3500K
10,5W • 1015lm • 96,7lm/W
AC 220-240V • 50/60Hz

NNP72437031 3000K
10,5W • 985lm • 93,8lm/W
AC 220-240V • 50/60Hz

15W TYPE

Silver Color
Cut Out Ø100
Glare Cut 15°



NNP73226031 5000K
15W • 1565lm • 104,3lm/W
AC 220-240V • 50/60Hz

NNP73227031 4000K
15W • 1550lm • 103,3lm/W
AC 220-240V • 50/60Hz

NNP73228031 3500K
15W • 1525lm • 101,6lm/W
AC 220-240V • 50/60Hz

NNP73229031 3000K
15W • 1415lm • 94,3lm/W
AC 220-240V • 50/60Hz

White Color
Cut Out Ø100
Glare Cut 15°



NNP73230031 5000K
15W • 1570lm • 104,6lm/W
AC 220-240V • 50/60Hz

NNP73231031 4000K
15W • 1559lm • 103,9lm/W
AC 220-240V • 50/60Hz

NNP73232031 3500K
15W • 1530lm • 102lm/W
AC 220-240V • 50/60Hz

NNP73238031 3000K
15W • 1475lm • 98,3lm/W
AC 220-240V • 50/60Hz

Silver Color
Cut Out Ø150
Glare Cut 15°



NNP73425031 5000K
15W • 1645lm • 109,7lm/W
AC 220-240V • 50/60Hz

NNP73426031 4000K
15W • 1630lm • 108,7lm/W
AC 220-240V • 50/60Hz

NNP73427031 3500K
15W • 1600lm • 106,7lm/W
AC 220-240V • 50/60Hz

NNP73428031 3000K
15W • 1540lm • 102,7lm/W
AC 220-240V • 50/60Hz

White Color
Cut Out Ø150
Glare Cut 15°



NNP73429031 5000K
15W • 1585lm • 105,7lm/W
AC 220-240V • 50/60Hz


NNP73442031 4000K
15W • 1570lm • 104,7lm/W
AC 220-240V • 50/60Hz

NNP73438031 3500K
15W • 1540lm • 102,7lm/W
AC 220-240V • 50/60Hz

NNP73439031 3000K
15W • 1485lm • 99lm/W
AC 220-240V • 50/60Hz

20,5W TYPE

Silver Color
Cut Out Ø100
Glare Cut 15°



NNP74225031 5000K
20,5W • 2085lm • 101,7lm/W
AC 220-240V • 50/60Hz

NNP74226031 4000K
20,5W • 2060lm • 100,5lm/W
AC 220-240V • 50/60Hz

NNP74227031 3500K
20,5W • 2020lm • 98,5lm/W
AC 220-240V • 50/60Hz

NNP74228031 3000K
20,5W • 1965lm • 95,8lm/W
AC 220-240V • 50/60Hz

White Color
Cut Out Ø100
Glare Cut 15°




NNP74229031 5000K
20,5W • 2085lm • 101,7lm/W
AC 220-240V • 50/60Hz

NNP74230031 4000K
20,5W • 2060lm • 100,5lm/W
AC 220-240V • 50/60Hz

NNP74231031 3500K
20,5W • 2020lm • 98,5lm/W
AC 220-240V • 50/60Hz

NNP74232031 3000K
20,5W • 1965lm • 95,8lm/W
AC 220-240V • 50/60Hz

Silver Color
Cut Out Ø150
Glare Cut 15°



NNP74426031 5000K
20,5W • 2195lm • 107,1lm/W
AC 220-240V • 50/60Hz

NNP74427031 4000K
20,5W • 2170lm • 105,8lm/W
AC 220-240V • 50/60Hz

NNP74428031 3500K
20,5W • 2125lm • 103,6lm/W
AC 220-240V • 50/60Hz

NNP74429031 3000K
20,5W • 2060lm • 100,5lm/W
AC 220-240V • 50/60Hz

White Color
Cut Out Ø150
Glare Cut 15°



NNP74430031 5000K
20,5W • 2110lm • 102,9lm/W
AC 220-240V • 50/60Hz

NNP74431031 4000K
20,5W • 2085lm • 101,7lm/W
AC 220-240V • 50/60Hz

NNP74432031 3500K
20,5W • 2045lm • 99,7lm/W
AC 220-240V • 50/60Hz

NNP74433031 3000K
20,5W • 1985lm • 96,8lm/W
AC 220-240V • 50/60Hz

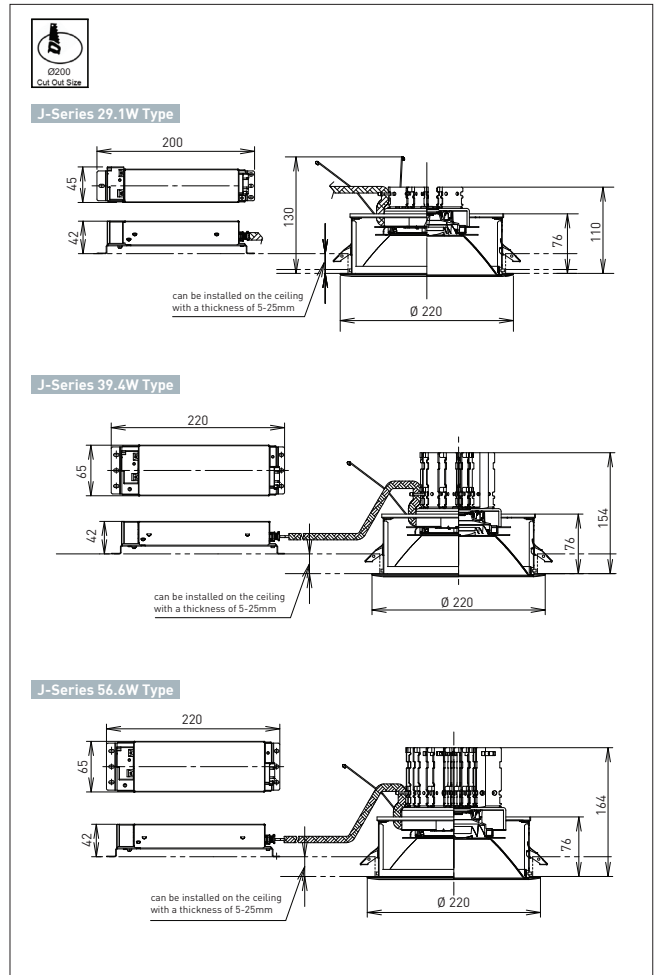
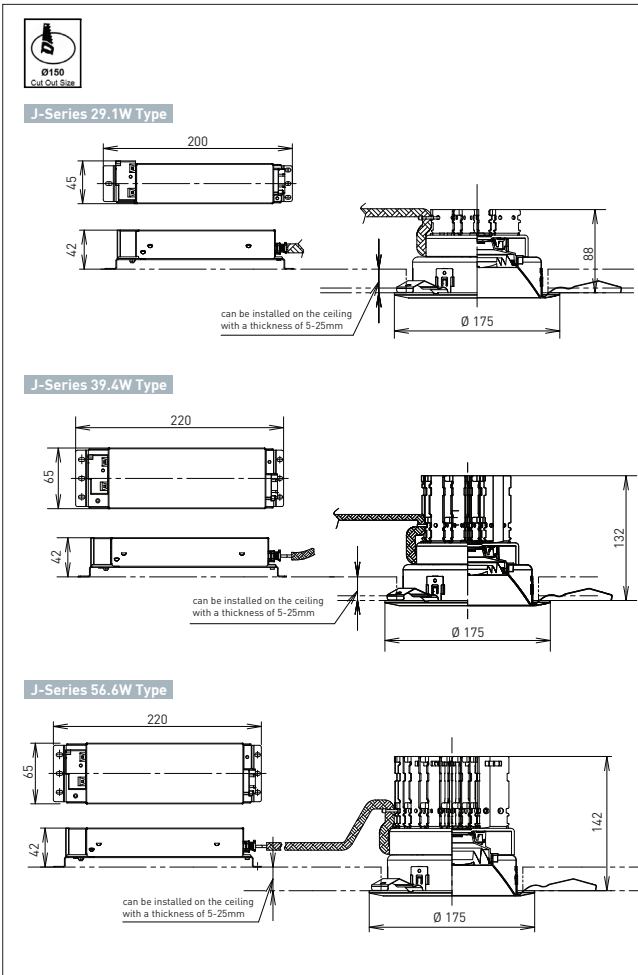
Downlight J Series



Application



Dimension



Downlight J Series



Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Body : Aluminum Die Casting
 Diffuse : Polycarbonate
 Driver : Integrated
 Dimming : PWM Dim

Feature



HID ► LED

We recommend that the existing HID downlights used for many years be renewed to LED downlights!





- Compared with conventional HID appliances, energy saving is approximately 65%.
- Maintenance-free long life 60.000 hours with no need for auto lifter, reducing maintenance.
- Instantaneous lighting and re-lighting are possible.
- Dimming function installed adjustable brightness to the required level for further energy savings.
- Excellent color reproducibility high color rendering performance with an average color rendering index of Ra85.
- Abundant line-up appropriate lighting is possible according to the location and purpose of use.



29.1W TYPE

Cut Out Ø150		Cut Out Ø200	
			
XND3568SNLZ9031	5000K 29.1W • 3990lm • 137.1lm/W AC 100-242V • 50/60Hz CRI 85	XND3588SNLZ9031	5000K 29.1W • 3985lm • 136.9lm/W AC 100-242V • 50/60Hz CRI 85
XND3568SWLZ9031	4000K 29.1W • 3955lm • 135.9lm/W AC 100-242V • 50/60Hz CRI 85	XND3588SWLZ9031	4000K 29.1W • 3950lm • 135.7lm/W AC 100-242V • 50/60Hz CRI 85
XND3568SVLZ9031	3500K 29.1W • 3925lm • 134.9lm/W AC 100-242V • 50/60Hz CRI 85	XND3588SVLZ9031	3500K 29.1W • 3920lm • 134.7lm/W AC 100-242V • 50/60Hz CRI 85
XND3568SLLZ9031	3000K 29.1W • 3755lm • 129lm/W AC 100-242V • 50/60Hz CRI 85	XND3588SLLZ9031	3000K 29.1W • 3750lm • 129.9lm/W AC 100-242V • 50/60Hz CRI 85

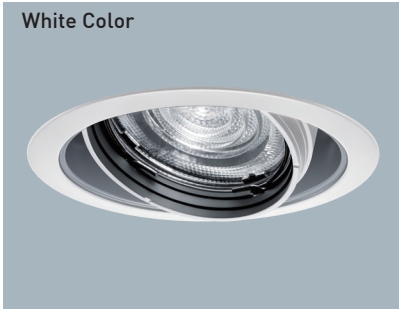
56.6W TYPE

Cut Out Ø150		Cut Out Ø200	
			
XND7568SNLJ9031	5000K 56.6W • 7940lm • 140.3lm/W AC 100-242V • 50/60Hz CRI 85	XND7588SNLJ9031	5000K 56.6W • 7820lm • 138.2lm/W AC 100-242V • 50/60Hz CRI 85
XND7568SWLJ9031	4000K 56.6W • 7875lm • 139.1lm/W AC 100-242V • 50/60Hz CRI 85	XND7588SWLJ9031	4000K 56.6W • 7755lm • 137lm/W AC 100-242V • 50/60Hz CRI 85
XND7568SVLJ9031	3500K 56.6W • 7815lm • 138.1lm/W AC 100-242V • 50/60Hz CRI 85	XND7588SVLJ9031	3500K 56.6W • 7695lm • 136lm/W AC 100-242V • 50/60Hz CRI 85
XND7568SLLJ9031	3000K 56.6W • 7470lm • 132lm/W AC 100-242V • 50/60Hz CRI 85	XND7588SLLJ9031	3000K 56.6W • 7355lm • 129.9lm/W AC 100-242V • 50/60Hz CRI 85

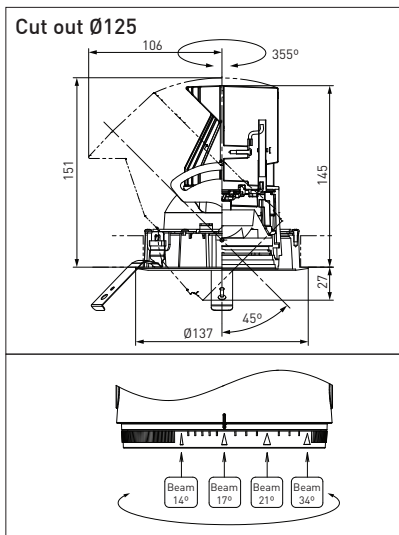
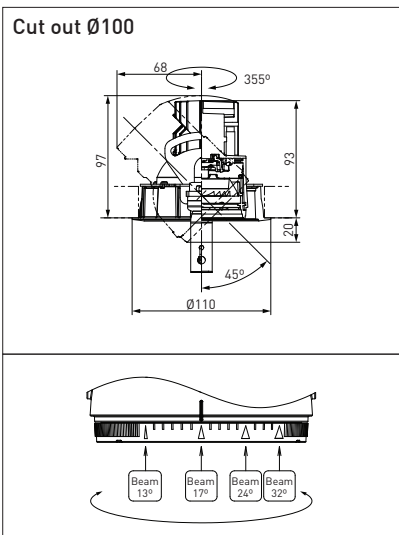
39.4W TYPE

Cut Out Ø150		Cut Out Ø200	
			
XND5568SNLJ9031	5000K 39.4W • 5690lm • 144.4lm/W AC 100-242V • 50/60Hz CRI 85	XND5588SNLJ9031	5000K 39.4W • 5665lm • 143.8lm/W AC 100-242V • 50/60Hz CRI 85
XND5568SWLJ9031	4000K 39.4W • 5640lm • 143.1lm/W AC 100-242V • 50/60Hz CRI 85	XND5588SWLJ9031	4000K 39.4W • 5620lm • 142.6lm/W AC 100-242V • 50/60Hz CRI 85
XND5568SVLJ9031	3500K 39.4W • 5595lm • 142lm/W AC 100-242V • 50/60Hz CRI 85	XND5588SVLJ9031	3500K 39.4W • 5575lm • 141.5lm/W AC 100-242V • 50/60Hz CRI 85
XND5568SLLJ9031	3000K 39.4W • 5350lm • 135.8lm/W AC 100-242V • 50/60Hz CRI 85	XND5588SLLJ9031	3000K 39.4W • 5330lm • 135.3lm/W AC 100-242V • 50/60Hz CRI 85

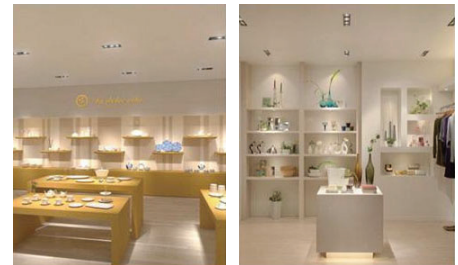
Adjustable Downlight TOLSO Series



Dimension



Application



Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Body : Aluminum Die Casting
 Diffuse : Polycarbonate
 Driver : Integrated
 Dimming : PWM Dim




Lights are embedded in the roof, giving a concise impression. This lamp is also flexible because the lighting can be directed to several angles.

LED fixture with light distribution adjustment function.




Adjustable Downlight TOLSO Series






7.2W TYPE

Cut Out Ø100 White Color 	Cut Out Ø100 White Color 	Cut Out Ø100 Black Color 
XNTS62001W101031 4000K 7.2W • 650lm • 90.3lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62006W101031 4000K 7.2W • 525lm • 72.9lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62001B101031 4000K 7.2W • 650lm • 90.3lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62002W101031 3500K 7.2W • 645lm • 89.6lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62007W101031 3500K 7.2W • 515lm • 71.5lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62002B101031 3500K 7.2W • 645lm • 89.6lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62003W101031 3000K 7.2W • 625lm • 86.8lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62008W101031 3000K 7.2W • 495lm • 68.8lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62003B101031 3000K 7.2W • 625lm • 86.8lm/W AC 100-242V • 50/60Hz CRI 85




12W TYPE

Cut Out Ø100 White Color 	Cut Out Ø100 White Color 	Cut Out Ø100 Black Color 
XNTS62001W151031 4000K 12W • 1020lm • 85lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62006W151031 4000K 12W • 820lm • 68.3lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62001B151031 4000K 12W • 1020lm • 85lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62002W151031 3500K 12W • 1010lm • 84.2lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62007W151031 3500K 12W • 805lm • 67.1lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62002B151031 3500K 12W • 1010lm • 84.2lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62003W151031 3000K 12W • 975lm • 81.3lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62008W151031 3000K 12W • 775lm • 64.6lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62003B151031 3000K 12W • 975lm • 81.3lm/W AC 100-242V • 50/60Hz CRI 85

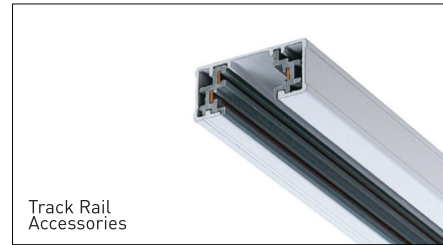
15.4W TYPE

Cut Out Ø100 White Color 	Cut Out Ø100 White Color 	Cut Out Ø100 Black Color 
XNTS62001W201031 4000K 15.4W • 1205lm • 78.2lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62006W201031 4000K 15.4W • 970lm • 63lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62001B201031 4000K 15.4W • 1205lm • 78.2lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62002W201031 3500K 15.4W • 1190lm • 77.3lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62007W201031 3500K 15.4W • 950lm • 61.7lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62002B201031 3500K 15.4W • 1190lm • 77.3lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62003W201031 3000K 15.4W • 1155lm • 75lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62008W201031 3000K 15.4W • 920lm • 59.7lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62003B201031 3000K 15.4W • 1155lm • 75lm/W AC 100-242V • 50/60Hz CRI 85

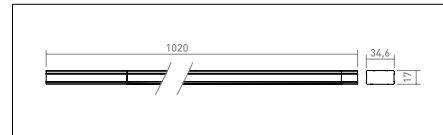
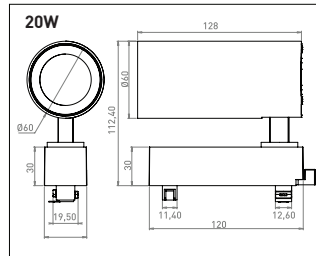
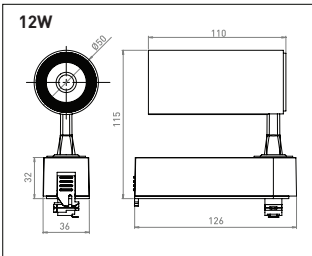
18.9W TYPE

Cut Out Ø125 White Color 	Cut Out Ø125 White Color 	Cut Out Ø125 Black Color 
XNTS62511W200031 4000K 18.9W • 1455lm • 76.98lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62516W200031 4000K 18.9W • 1170lm • 61.90lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62511B200031 4000K 18.9W • 1455lm • 76.98lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62512W200031 3500K 18.9W • 1445lm • 76.46lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62517W200031 3500K 18.9W • 1145lm • 60.58lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62512B200031 3500K 18.9W • 1445lm • 76.46lm/W AC 100-242V • 50/60Hz CRI 85
XNTS62513W200031 3000K 18.9W • 1400lm • 74.07lm/W AC 100-242V • 50/60Hz CRI 85	XNTS62518W200031 3000K 18.9W • 1105lm • 58.47lm/W AC 100-242V • 50/60Hz CRI 95	XNTS62513B200031 3000K 18.9W • 1400lm • 74.07lm/W AC 100-242V • 50/60Hz CRI 85

LED Spot Track Light + Track Rail Accessories



Dimension



Specification

Ambient Temperature : -20°C until 40°C

Fixture Body : Painted Aluminum Die-cast

Diffuse : Polycarbonate

Driver : Integrated

LED Spot Track Light - 12W

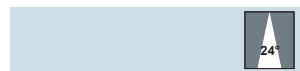


NNP03021031 4000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP03022031 4000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

NNP03011031 3000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP03012031 3000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • Black
CRI 90



NNP03023031 4000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP03024031 4000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

NNP03013031 3000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP03014031 3000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • Black
CRI 90



NNP03025031 4000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP03026031 4000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

NNP03015031 3000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP03111031 3000K
12W • 1000lm • 83lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

LED Spot Track Light - 20W

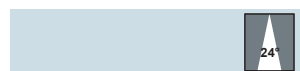


NNP04121031 4000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP04122031 4000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

NNP04111031 3000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP04112031 3000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

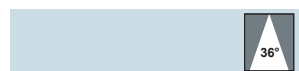


NNP04123031 4000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP04124031 4000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

NNP04113031 3000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP04114031 3000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • Black
CRI 90



NNP04125031 4000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP04126031 4000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

NNP04115031 3000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • White
CRI 90

NNP04411031 3000K
20W • 1700lm • 85lm/W
AC 220-240V • 50/60Hz • Black
CRI 90

Track Rail Accessories

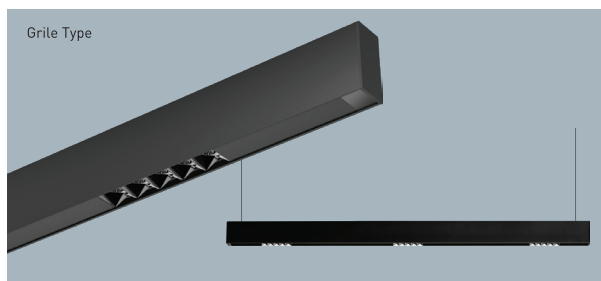
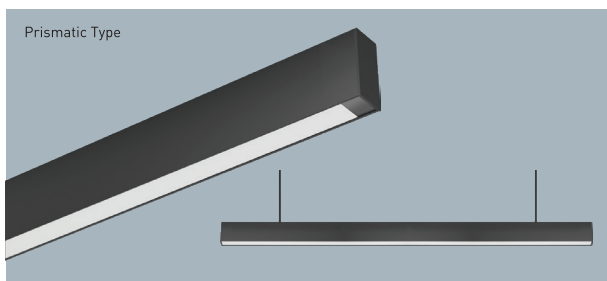
YNP9010BL Black
220-240V AC
Max. for 160W • IP20
Color

YNP9010WH White
220-240V AC
Max. for 160W • IP20
Color

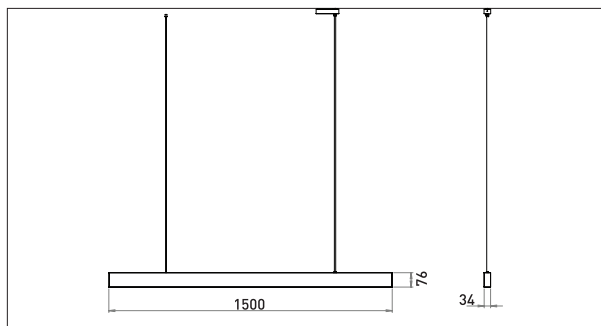
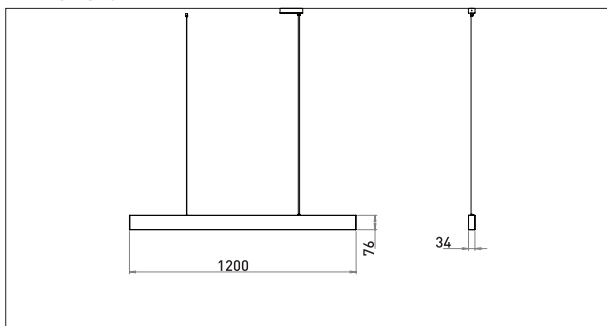
Application



LED Pendant Linier Prismatic & Grile Type



Dimension



Specification

Ambient Temperature : -20°C until 40°C
 Power Factor : 0.9

Body : Aluminum Extrusion
 Driver : Integrated

Grile Type - 20W



NNP94421031	4000K
20W • 1700lm • 85lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP94411031	3000K
20W • 1650lm • 82.5lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP94401031	2700K
20W • 1500lm • 75lm/W	CRI 90
AC 220-240V • 50/60Hz	

Grile Type - 30W



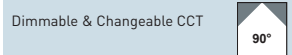
NNP95421031	4000K
30W • 2500lm • 83.3lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95411031	3000K
30W • 2400lm • 80lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95401031	2700K
30W • 2300lm • 76.7lm/W	CRI 90
AC 220-240V • 50/60Hz	

Grile Type - 40W



NNP95521031	4000K
40W • 3600lm • 90lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95511031	3000K
40W • 3500lm • 87.5lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95501031	2700K
40W • 3400lm • 85lm/W	CRI 90
AC 220-240V • 50/60Hz	

Prismatic Type - 7 Until 20W



NNP94430031	3000K - 5700K
7-20W • 250-1650lm	CRI 90
AC 220-240V • 50/60Hz	
NNP95430031	3000K - 5700K
7-30W • 250-2800lm	CRI 90
AC 220-240V • 50/60Hz	
NNP95530031	3000K - 5700K
7-40W • 250-3800lm	CRI 90
AC 220-240V • 50/60Hz	

Prismatic Type - 20W



NNP94420031	4000K
20W • 1700lm • 85lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP94410031	3000K
20W • 1650lm • 82.5lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP94400031	2700K
20W • 1500lm • 75lm/W	CRI 90
AC 220-240V • 50/60Hz	

Prismatic Type - 30W



NNP95420031	4000K
30W • 2900lm • 96.7lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95410031	3000K
30W • 2800lm • 93.3lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95400031	2700K
30W • 2600lm • 86.7lm/W	CRI 90
AC 220-240V • 50/60Hz	

Prismatic Type - 40W



NNP95520031	4000K
40W • 3900lm • 97.5lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95510031	3000K
40W • 3800lm • 95lm/W	CRI 90
AC 220-240V • 50/60Hz	
NNP95500031	2700K
40W • 3650lm • 91.3lm/W	CRI 90
AC 220-240V • 50/60Hz	



GENERAL BASE LIGHT

LED G13

LED Panel Series

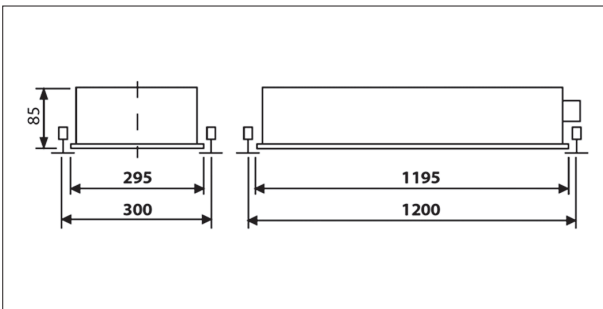
iD Series

System Ceiling

LED G13 Base Recessed Type W1200mm



Dimension



Specification

Ambient Temperature : 5°C until 30°C
 Power Factor : 0.9

Body : Steel With White Painted

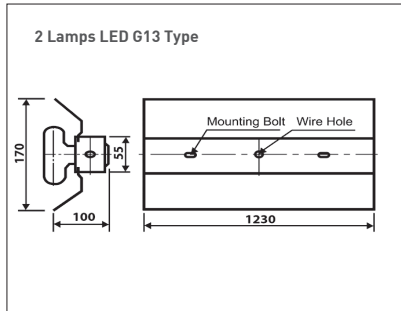
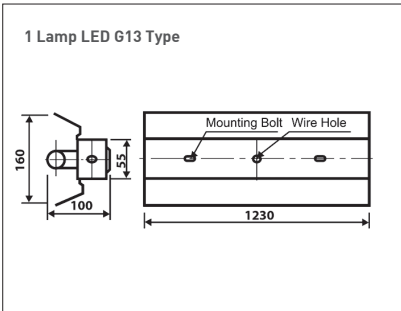
2 Lamps LED G13 Type

100°		100°	
XNP84948031	6500K CRI 80	XNP84949031	6500K CRI 80
2x16W • 2x2100lm • 131lm/W AC 220-240V • 50/60Hz		2x12W • 2x1600lm • 130lm/W AC 220-240V • 50/60Hz	
XNP84928031	4000K CRI 80	XNP84929031	4000K CRI 80
2x16W • 2x2100lm • 131lm/W AC 220-240V • 50/60Hz		2x12W • 2x1600lm • 130lm/W AC 220-240V • 50/60Hz	

LED G13 Base Reflector Type W1200mm



Dimension



Application



Specification

Ambient Temperature : 5°C until 30°C
 Power Factor : 0.9

Body : Steel With White Painted

1 Lamp LED G13 Type

160°		160°	
XNP84940031 16W • 2100lm • 131lm/W AC 220-240V • 50/60Hz	6500K CRI 80	XNP84941031 12W • 1600lm • 130lm/W AC 220-240V • 50/60Hz	6500K CRI 80
XNP84920031 16W • 2100lm • 131lm/W AC 220-240V • 50/60Hz	4000K CRI 80	XNP84921031 12W • 1600lm • 130lm/W AC 220-240V • 50/60Hz	4000K CRI 80

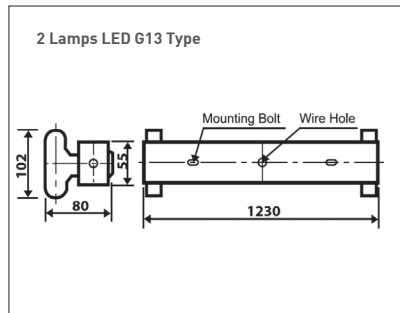
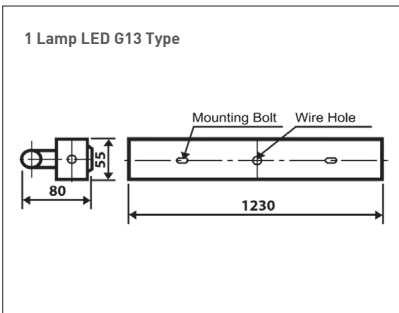
2 Lamps LED G13 Type

160°		160°	
XNP84942031 2x16W • 2x2100lm • 131lm/W AC 220-240V • 50/60Hz	6500K CRI 80	XNP84943031 2x12W • 2x1600lm • 130lm/W AC 220-240V • 50/60Hz	6500K CRI 80
XNP84922031 2x16W • 2x2100lm • 131lm/W AC 220-240V • 50/60Hz	4000K CRI 80	XNP84923031 2x12W • 2x1600lm • 130lm/W AC 220-240V • 50/60Hz	4000K CRI 80

LED G13 Base Batten Type W1200mm



Dimension





Specification



Ambient Temperature : 5°C until 30°C
 Power Factor : 0.9

Body : Steel With White Painted

1 Lamp LED G13 Type

	
XNP84944031 16W • 2100lm • 131lm/W AC 220-240V • 50/60Hz 6500K CRI 80	XNP84945031 12W • 1600lm • 130lm/W AC 220-240V • 50/60Hz 6500K CRI 80
XNP84924031 16W • 2100lm • 131lm/W AC 220-240V • 50/60Hz 4000K CRI 80	XNP84925031 12W • 1600lm • 130lm/W AC 220-240V • 50/60Hz 4000K CRI 80

2 Lamps LED G13 Type

	
XNP84946031 2x16W • 2x2100lm • 131lm/W AC 220-240V • 50/60Hz 6500K CRI 80	XNP84947031 2x12W • 2x1600lm • 130lm/W AC 220-240V • 50/60Hz 6500K CRI 80
XNP84926031 2x16W • 2x2100lm • 131lm/W AC 220-240V • 50/60Hz 4000K CRI 80	XNP84927031 2x12W • 2x1600lm • 130lm/W AC 220-240V • 50/60Hz 4000K CRI 80

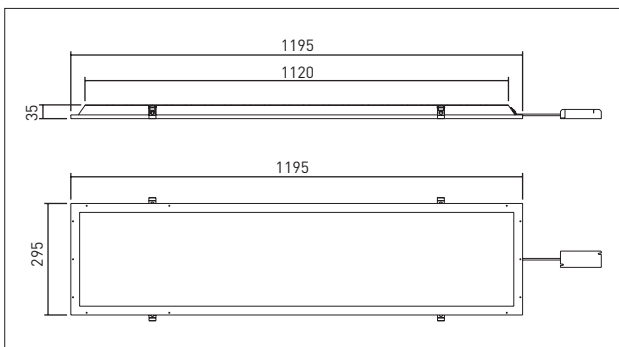
LED Panel Light Backlit Rectangular Type



Application



Dimension



Specification

Ambient Temperature : 5°C until 40°C
 Power Factor : 0.9

Body : Steel With White Painted
 Frame : Painted Aluminium Extruded White
 Installation : Recessed by springs

Rectangular Type

Standart	90°	Dimmable	90°
NNP85452 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	6500K CRI 80	NNP85452D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	6500K CRI 80
NNP85432 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	5000K CRI 80	NNP85432D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	5000K CRI 80
NNP85422 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	4000K CRI 80	NNP85422D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	4000K CRI 80
NNP85412 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	3000K CRI 80	NNP85412D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	3000K CRI 80

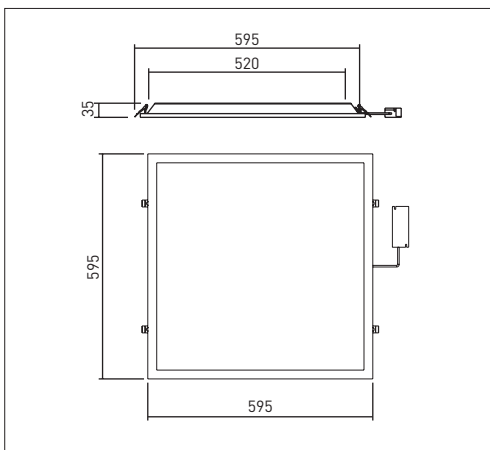
LED Panel Light Backlit Square Type



Application



Dimension





Specification

Ambient Temperature : 5°C until 40°C
 Power Factor : 0.9

Body : Steel With White Painted
 Frame : Painted Aluminium Extruded White
 Installation : Recessed by springs

Square Type

Standart		Dimmable	
NNP85251 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	6500K CRI 80	NNP85251D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	6500K CRI 80
NNP85231 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	5000K CRI 80	NNP85231D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	5000K CRI 80
NNP85221 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	4000K CRI 80	NNP85221D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	4000K CRI 80
NNP85211 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	3000K CRI 80	NNP85211D 40W • 4400lm • 110lm/W AC 220-240V • 50/60Hz	3000K CRI 80

iD series

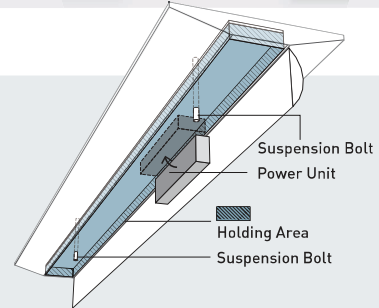
Special Base Light

A unique design made to achieve a beautiful and even light.



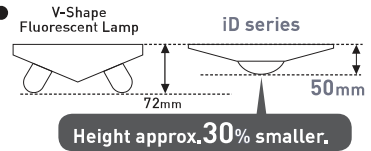
Holding area for suspension

- Created a space within the body of the fixture so that the fixture can be suspended without interfering with the power unit.



Height, 50 mm, Approximately 30% Smaller

- Compared to the conventional V-shape lamp, it is approximately 30% smaller. *i-style, D-style

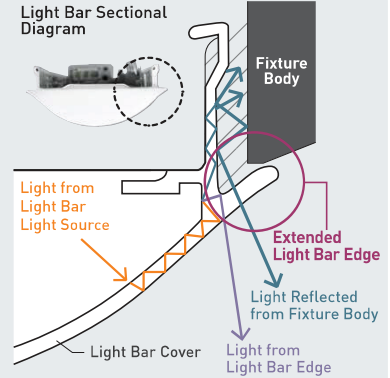


Sleek and stylish design.

- No screw and latches on the fixture surface make product look sleek and stylish.



- Continuous light emission from the light bar to the fixture body is achieved by the cover edge of the light bar which covers the gap between the light bar and the fixture body.
- Specialized internal coating reduces the amount of light loss with special white coating inside the body of the fixture which redirects the light emitted inside the fixture outwards.

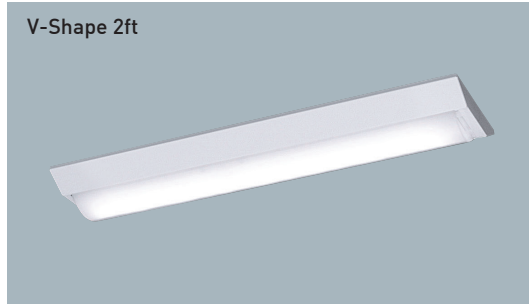
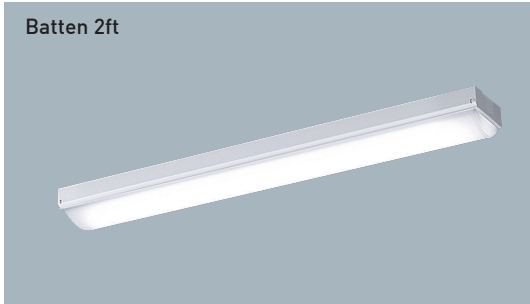


*The sectional diagram is an image only.

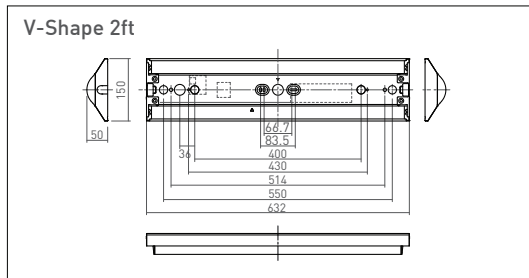
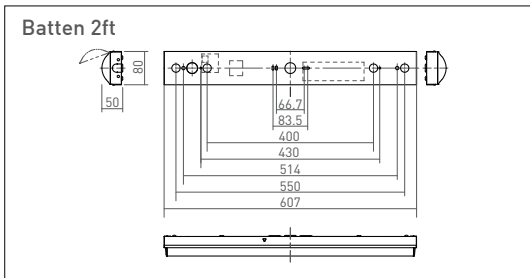
Comparison of 'FL36W x 2 lamps' and 'iD series'

	Power consumption	System efficacy	Illuminance distribution chart
2xFL36W V shape	● 800w ●	50 lm/W	<p>Average illuminance: 520 lx Total power consumption: 800w x 48units = 3,840w</p>
D style, 4000 lm, 5000K	✓ 250w Approx 68% energy saving	160 lm/W	<p>Average illuminance: 520 lx Total power consumption: 250w x 48units = 1,200w</p>
D style, 6900 lm, 5000K	431w ✓ Approx 46% energy saving	160 lm/W	<p>Average illuminance: 548 lx Total power consumption: 431w x 30units = 1,293w</p>

Base Light iD Series 2ft



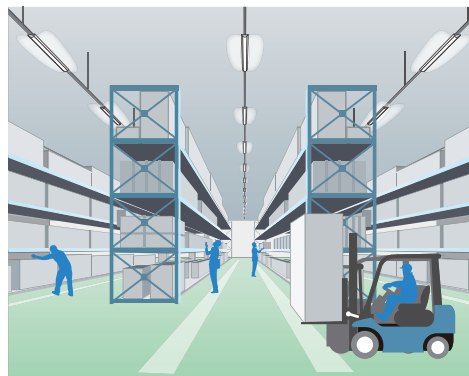
Dimension



Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated



Batten 2ft Type

120°	
XLX210NEDCLE9031	6500K
12.1W • 1530lm • 126.5lm/W	CRI 83
AC 100-242V • 50/60Hz	
XLX210NENCLE9031	5000K
12.1W • 1600lm • 132.2lm/W	CRI 83
AC 100-242V • 50/60Hz	
XLX210NEWCLE9031	4000K
12.1W • 1460lm • 120.7lm/W	CRI 83
AC 100-242V • 50/60Hz	

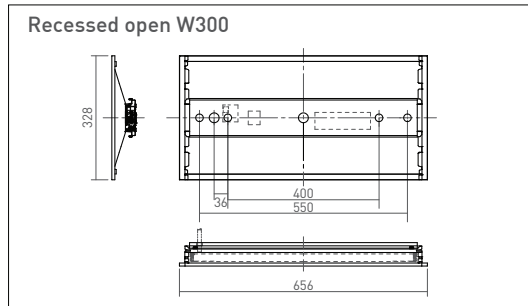
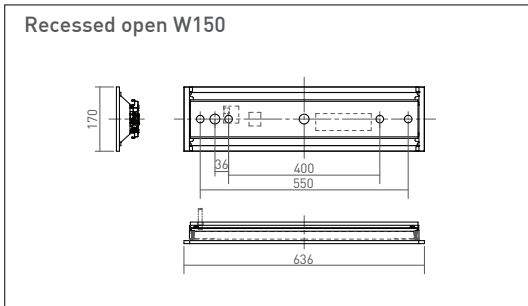
V-shape 2ft Type

120°	
XLX210AEDCLE9031	6500K
12.1W • 1530lm • 126.5lm/W	CRI 83
AC 100-242V • 50/60Hz	
XLX210AENCLE9031	5000K
12.1W • 1600lm • 132.2lm/W	CRI 83
AC 100-242V • 50/60Hz	
XLX210AEWCLE9031	4000K
12.1W • 1460lm • 120.7lm/W	CRI 83
AC 100-242V • 50/60Hz	

Base Light iD Series 2ft



Dimension



Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated
 Dimming : PWM Dim

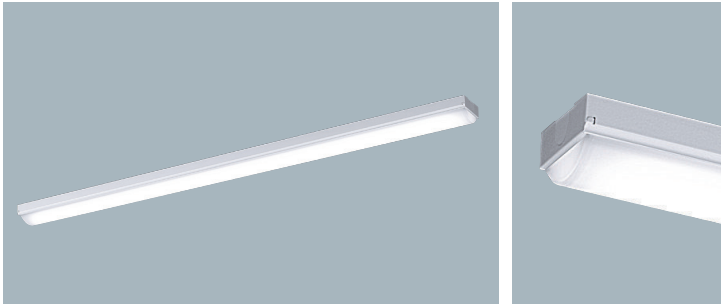
Recessed Open W150

Non Dimmable	120°	Dimmable	120°
XLX210PEDJLE9031 12.1W • 1490lm • 123.1lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX210PEDJLA9031 12.1W • 1490lm • 123.1lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX210PENJLE9031 12.1W • 1550lm • 129.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX210PENJLA9031 12.1W • 1550lm • 129.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX210PEWJLE9031 12.1W • 1420lm • 117.4lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX210PEWJLA9031 12.1W • 1420lm • 117.4lm/W AC 100-242V • 50/60Hz	4000K CRI 83

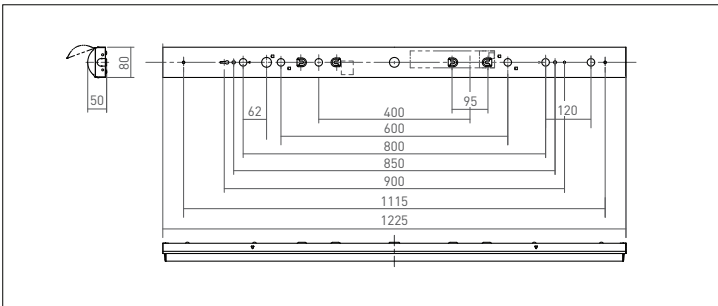
Recessed Open W300

Non Dimmable	120°	Dimmable	120°
XLX210VEDJLE9031 12.1W • 1490lm • 123.1lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX210VEDJLA9031 12.1W • 1490lm • 123.1lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX210VENJLE9031 12.1W • 1550lm • 129.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX210VENJLA9031 12.1W • 1550lm • 129.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX210VEWJLE9031 12.1W • 1420lm • 117.4lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX210VEWJLA9031 12.1W • 1420lm • 117.4lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Base Light iD Series Batten 4ft



Dimension







Specification

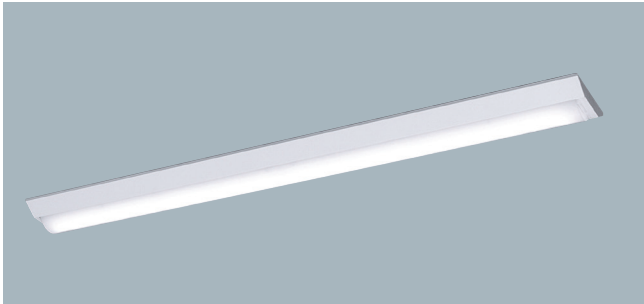
Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated

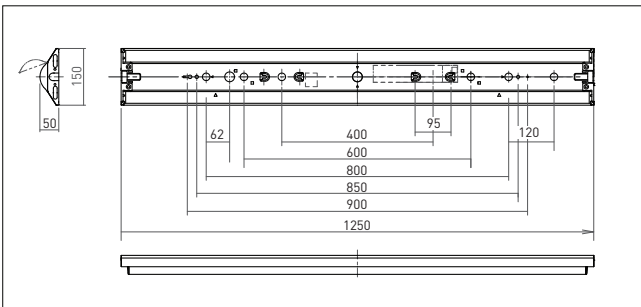
Batten 4ft

Non Dimmable		Non Dimmable		Non Dimmable		Non Dimmable	
XLX460NEDPLE9031 43.1W • 6650lm • 154.3lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX450NEDPLE9031 32.5W • 5010lm • 153.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX440NEDULE9031 25W • 3850lm • 154lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX420NEDPLE9031 16.3W • 2440lm • 149.7lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX460NENPLE9031 43.1W • 6900lm • 160.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX450NENPLE9031 32.5W • 5200lm • 160lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX440NENULE9031 25W • 4000lm • 160lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX420NENPLE9031 16.3W • 2500lm • 153.4lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX460NEWPLE9031 43.1W • 6530lm • 151.5lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX450NEWPLE9031 32.5W • 4920lm • 151.4lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX440NEWULE9031 25W • 3780lm • 151.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX420NEWPLE9031 16.3W • 2380lm • 146lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Base Light iD Series V-Shape 4ft



Dimension



Specification

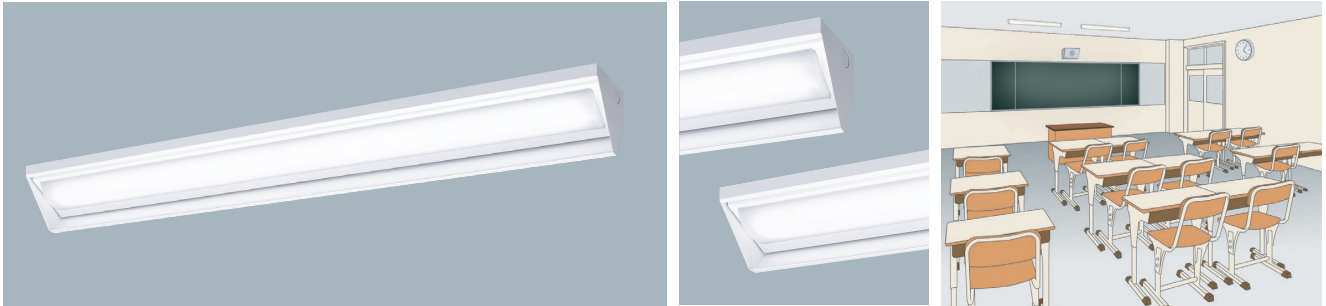
Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated

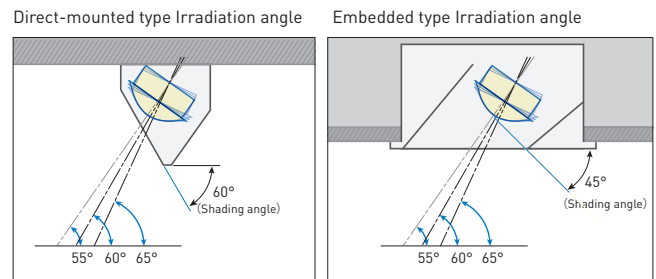
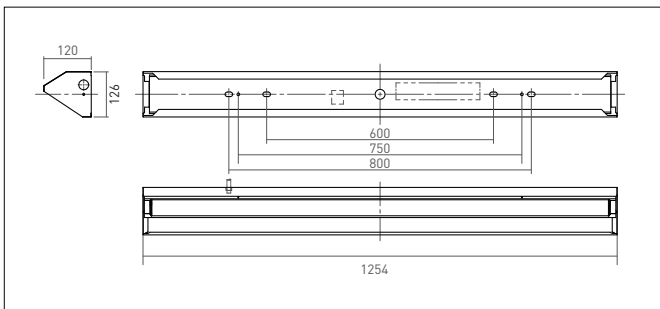
V-Shape 4th Type

XLX460AEDPLE9031		XLX450AEDPLE9031		XLX440AEDULE9031		XLX420AEDPLE9031	
120°		120°		120°		120°	
43.1W • 6650lm • 154.3lm/W AC 100-242V • 50/60Hz	6500K CRI 83	32.5W • 5010lm • 154.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83	25W • 3850lm • 154lm/W AC 100-242V • 50/60Hz	6500K CRI 83	16.3W • 2440lm • 149.6lm/W AC 100-242V • 50/60Hz	6500K CRI 83
43.1W • 6900lm • 160.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83	32.5W • 5200lm • 160lm/W AC 100-242V • 50/60Hz	5000K CRI 83	25W • 4000lm • 160lm/W AC 100-242V • 50/60Hz	5000K CRI 83	16.3W • 2500lm • 153.3lm/W AC 100-242V • 50/60Hz	5000K CRI 83
43.1W • 6530lm • 151.5lm/W AC 100-242V • 50/60Hz	4000K CRI 83	32.5W • 4920lm • 152.4lm/W AC 100-242V • 50/60Hz	4000K CRI 83	25W • 3780lm • 151.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83	16.3W • 2380lm • 146lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Base Light iD Series Blackboard 4ft



Dimension




Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

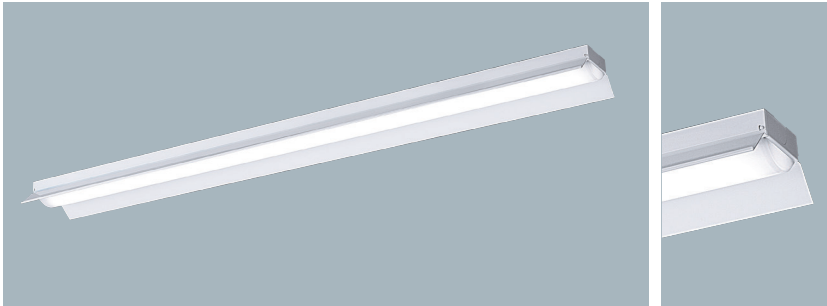
Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated

Blackboard 4ft Type

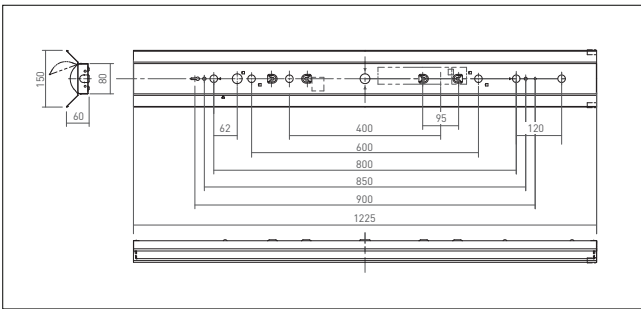

XLX460BSWTLE9031 6500K
 43.1W • 5870lm • 136.2lm/W CRI 83
 AC 100-242V • 50/60Hz


XLX450BSWTLE9031 6500K
 32.5W • 4400lm • 135.4lm/W CRI 83
 AC 100-242V • 50/60Hz

Base Light iD Series Reflector 4ft



Dimension



Specification

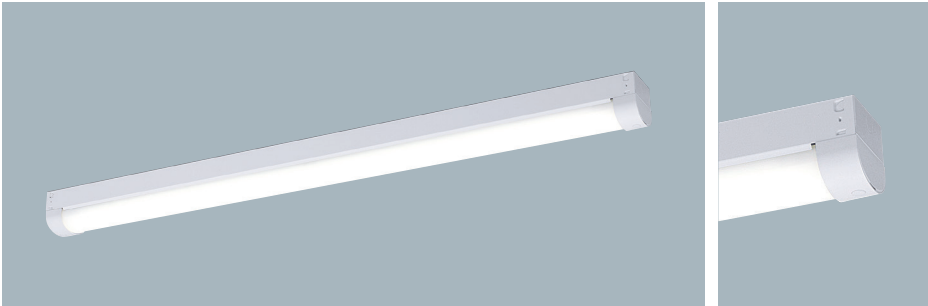
Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated

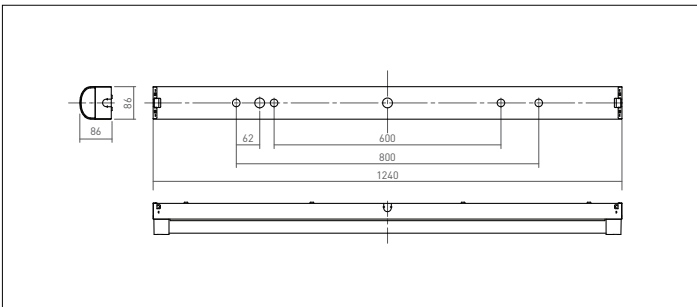
Reflector Type

120°		120°		120°		120°	
XLX460KEDPLE9031	6500K	XLX450KEDPLE9031	6500K	XLX440KEDULE9031	6500K	XLX420KEDPLE9031	6500K
43.1W • 6520lm • 151.2lm/W AC 100-242V • 50/60Hz	CRI 83	32.5W • 4910lm • 151.1lm/W AC 100-242V • 50/60Hz	CRI 83	25W • 3770lm • 150.8lm/W AC 100-242V • 50/60Hz	CRI 83	16.3W • 2390lm • 146.6lm/W AC 100-242V • 50/60Hz	CRI 83
XLX460KENPLE9031	5000K	XLX450KENPLE9031	5000K	XLX440KENULE9031	5000K	XLX420KENPLE9031	5000K
43.1W • 6770lm • 157lm/W AC 100-242V • 50/60Hz	CRI 83	32.5W • 5100lm • 156.9lm/W AC 100-242V • 50/60Hz	CRI 83	25W • 3920lm • 156.8lm/W AC 100-242V • 50/60Hz	CRI 83	16.3W • 2450lm • 150.3lm/W AC 100-242V • 50/60Hz	CRI 83
XLX460KEWPLE9031	4000K	XLX450KEWPLE9031	4000K	XLX440KEWULE9031	4000K	XLX420KEWPLE9031	4000K
43.1W • 6410lm • 148.7lm/W AC 100-242V • 50/60Hz	CRI 83	32.5W • 4830lm • 148.6lm/W AC 100-242V • 50/60Hz	CRI 83	25W • 3710lm • 148.4lm/W AC 100-242V • 50/60Hz	CRI 83	16.3W • 2330lm • 142.9lm/W AC 100-242V • 50/60Hz	CRI 83

Base Light iD Series Rainproof



Dimension



Specification

Ambient Temperature : -10°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated

Application



iD Series Rainproof


The operating temperature of rainproof ID Series range has been extended to - 10° celcius to 35° celcius (The conventional lower limit 5° celcius). It can also be used in low temperature environments up to 10° celcius (like refrigerated warehouses).

Rainproof Type




XLW462NENZLE9031 5000K

43.1W • 6520lm • 152X.2lm/W CRI 83
 AC 100-242V • 50/60Hz



XLW442NENZLE9031 5000K

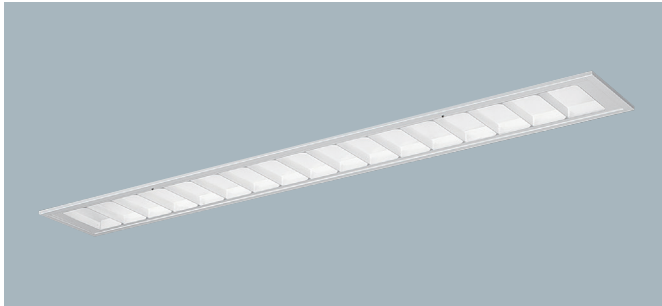
26.7W • 3830lm • 143.4lm/W CRI 83
 AC 100-242V • 50/60Hz



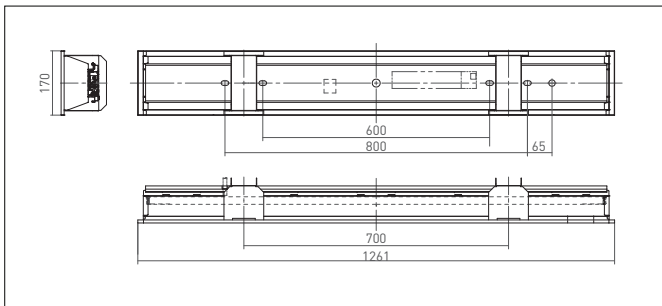
XLW412NENZLE9031 5000K

13.1W • 1910lm • 145.8lm/W CRI 83
 AC 100-242V • 50/60Hz

Base Light iD Series Recessed Louver W150 4ft



Dimension



Specification

Ambient Temperature : 5°C until 35°C
Power Factor : 0.9

Fixture Body : Steel With White Painted
Diffuse : Polycarbonate
Driver : Integrated
Dimming : PWM Dim

Recessed Louver W150 Type

Non Dimmable	120°
XLX465FEDTLE9031 43.1W • 5480lm • 127.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX465FENTLE9031 43.1W • 5690lm • 132lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX465FEWTLR9031 43.1W • 5390lm • 125lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Non Dimmable	120°
XLX455FEDTLE9031 31.9W • 4130lm • 129.4lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX455FENTLE9031 31.9W • 4290lm • 134.4m/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX455FEWTLR9031 31.9W • 4060lm • 127.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Non Dimmable	120°
XLX445FEDPLE9031 25W • 3180lm • 127.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX445FENPLE9031 25W • 3300lm • 132lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX445FEWPLE9031 25W • 3120lm • 124.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Non Dimmable	120°
XLX425FEDTLE9031 16.3W • 2010lm • 123.3lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX425FENTLE9031 16.3W • 2060lm • 126.3lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX425FEWTLR9031 16.3W • 1960lm • 120.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Recessed Louver W150 Type

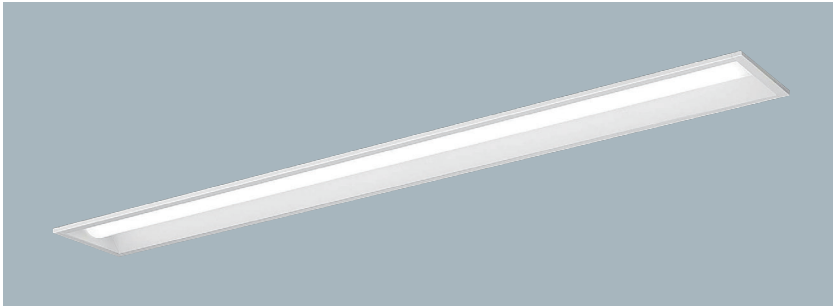
Dimmable	120°
XLX465FEDTLR9031 43.1W • 5480lm • 127.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX465FENTLR9031 43.1W • 5690lm • 132lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX465FEWTLR9031 43.1W • 5390lm • 125lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Dimmable	120°
XLX455FEDTLR9031 31.9W • 4130lm • 129.4lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX455FENTLR9031 31.9W • 4290lm • 134.4m/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX455FEWTLR9031 31.9W • 4060lm • 127.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83

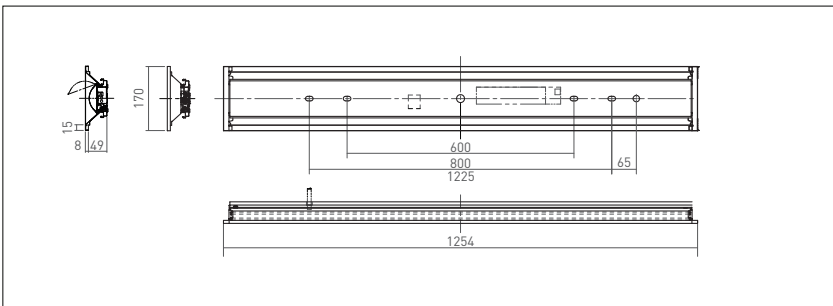
Dimmable	120°
XLX445FEDPLA9031 25W • 3180lm • 127.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX445FENPLA9031 25W • 3300lm • 132lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX445FEWPLA9031 25W • 3120lm • 124.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Dimmable	120°
XLX425FEDTLA9031 16.3W • 2010lm • 123.3lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX425FENTLA9031 16.3W • 2060lm • 126.3lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX425FEWTLA9031 16.3W • 1960lm • 120.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Base Light iD Series Recessed Open W150 4ft



Dimension





Specification


Ambient Temperature : 5°C until 35°C
Power Factor : 0.9


Fixture Body : Steel With White Painted
Diffuse : Polycarbonate
Driver : Integrated
Dimming : PWM Dim

Recessed Open W150 Type


Non Dimmable	
XLX460PEDTLE9031 6500K	43.1W • 6430lm • 149.2lm/W AC 100-242V • 50/60Hz CRI 83
XLX460PENTLE9031 5000K	43.1W • 6680lm • 154.9lm/W AC 100-242V • 50/60Hz CRI 83
XLX460PEWTLE9031 4000K	43.1W • 6320lm • 146.6lm/W AC 100-242V • 50/60Hz CRI 83


Non Dimmable	
XLX450PEDTLE9031 6500K	31.9W • 4850lm • 152lm/W AC 100-242V • 50/60Hz CRI 83
XLX450PENTLE9031 5000K	31.9W • 5040lm • 157.9lm/W AC 100-242V • 50/60Hz CRI 83
XLX450PEWTLE9031 4000K	31.9W • 4770lm • 149.5lm/W AC 100-242V • 50/60Hz CRI 83


Non Dimmable	
XLX440PEDPLE9031 6500K	25W • 3740lm • 149.6lm/W AC 100-242V • 50/60Hz CRI 83
XLX440PENPLE9031 5000K	25W • 3880lm • 155.2lm/W AC 100-242V • 50/60Hz CRI 83
XLX440PEWPLE9031 4000K	25W • 3670lm • 146.8lm/W AC 100-242V • 50/60Hz CRI 83


Non Dimmable	
XLX420PEDTLE9031 6500K	16.3W • 2360lm • 144.8lm/W AC 100-242V • 50/60Hz CRI 83
XLX420PENTLE9031 5000K	16.3W • 2420lm • 148.5lm/W AC 100-242V • 50/60Hz CRI 83
XLX420PEWTLE9031 4000K	16.3W • 2300lm • 141.1lm/W AC 100-242V • 50/60Hz CRI 83

Recessed Open W150 Type

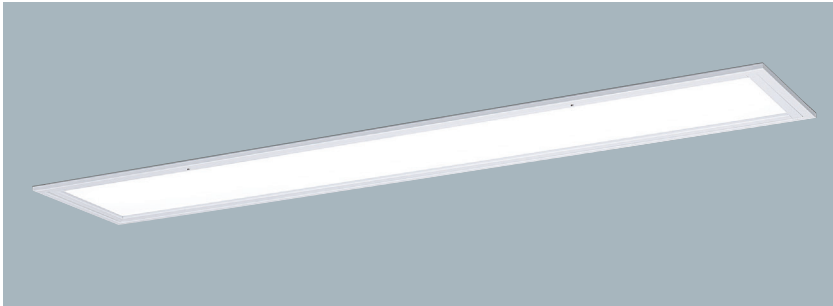
Dimmable	
XLX460PEDTLR9031 6500K	43.1W • 6430lm • 149.2lm/W AC 100-242V • 50/60Hz CRI 83
XLX460PENTLR9031 5000K	43.1W • 6680lm • 154.9lm/W AC 100-242V • 50/60Hz CRI 83
XLX460PEWTLR9031 4000K	43.1W • 6320lm • 146.6lm/W AC 100-242V • 50/60Hz CRI 83

Dimmable	
XLX450PEDTLR9031 6500K	31.9W • 4850lm • 152lm/W AC 100-242V • 50/60Hz CRI 83
XLX450PENTLR9031 5000K	31.9W • 5040lm • 157.9lm/W AC 100-242V • 50/60Hz CRI 83
XLX450PEWTLR9031 4000K	31.9W • 4770lm • 149.5lm/W AC 100-242V • 50/60Hz CRI 83

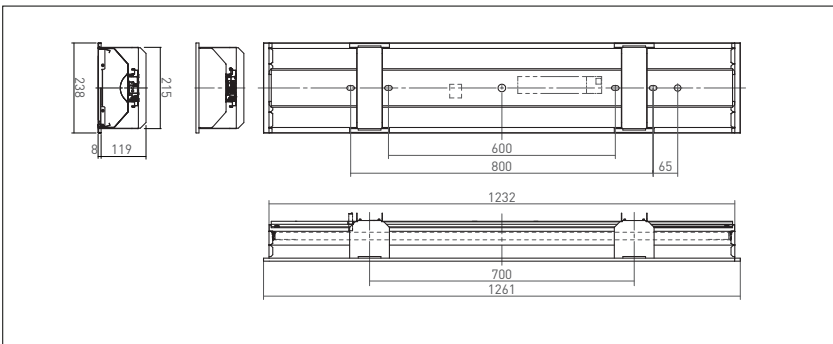
Dimmable	
XLX440PEDPLA9031 6500K	25W • 3740lm • 149.6lm/W AC 100-242V • 50/60Hz CRI 83
XLX440PENPLA9031 5000K	25W • 3880lm • 155.2lm/W AC 100-242V • 50/60Hz CRI 83
XLX440PEWPLA9031 4000K	25W • 3670lm • 146.8lm/W AC 100-242V • 50/60Hz CRI 83

Dimmable	
XLX420PEDTLA9031 6500K	16.3W • 2360lm • 144.8lm/W AC 100-242V • 50/60Hz CRI 83
XLX420PENTLA9031 5000K	16.3W • 2420lm • 148.5lm/W AC 100-242V • 50/60Hz CRI 83
XLX420PEWTLA9031 4000K	16.3W • 2300lm • 141.1lm/W AC 100-242V • 50/60Hz CRI 83

Base Light iD Series Recessed Panel W220 4ft



Dimension



Specification

Ambient Temperature : 5°C until 35°C
Power Factor : 0.9

Fixture Body : Steel With White Painted
Diffuse : Polycarbonate
Driver : Integrated
Dimming : PWM Dim

Recessed Panel W220 Type

Non Dimmable	120°	Non Dimmable	120°	Non Dimmable	120°	Non Dimmable	120°
XLX466EEDPLE9031 43.1W • 4700lm • 109lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX456EEDPLE9031 31.9W • 3530lm • 110.7lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX446EEDULE9031 25W • 2710lm • 108.4lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX426EEDPLE9031 16.3W • 1710lm • 104.9lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX466EENPLE9031 43.1W • 4640lm • 107.7lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX456EENPLE9031 31.9W • 3490lm • 109.4lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX446EENULE9031 25W • 2680lm • 107.2lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX426EENPLE9031 16.3W • 1680lm • 103.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX466EEWPLE9031 43.1W • 4620lm • 107.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX456EEWPLE9031 31.9W • 3470lm • 108.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX446EEWULE9031 25W • 2670lm • 106.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX426EEWPLE9031 16.3W • 1670lm • 102.5lm/W AC 100-242V • 50/60Hz	4000K CRI 83

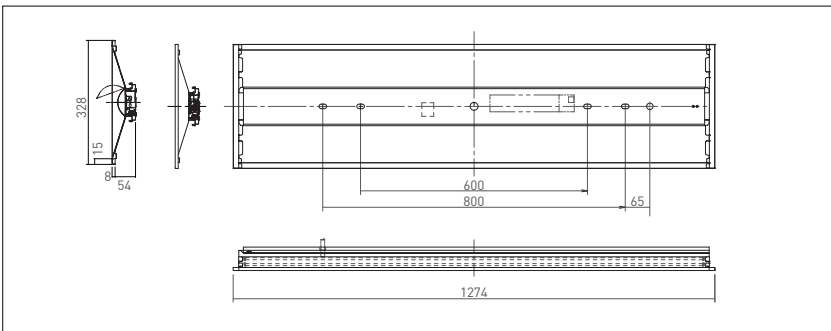
Recessed Panel W220 Type

Dimmable	120°	Dimmable	120°	Dimmable	120°	Dimmable	120°
XLX466EEDPLR9031 43.1W • 4700lm • 109lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX456EEDPLR9031 31.9W • 3530lm • 110.7lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX446EEDULA9031 25W • 2710lm • 108.4lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX426EEDPLA9031 16.3W • 1710lm • 104.9lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX466EENPLR9031 43.1W • 4640lm • 107.7lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX456EENPLR9031 31.9W • 3490lm • 109.4lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX446EENULA9031 25W • 2680lm • 107.2lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX426EENPLA9031 16.3W • 1680lm • 103.1lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX466EEWPLR9031 43.1W • 4620lm • 107.2lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX456EEWPLR9031 31.9W • 3470lm • 108.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX446EEWULA9031 25W • 2670lm • 106.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX426EEWPLA9031 16.3W • 1670lm • 102.5lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Base Light iD Series Recessed Open W330 4ft



Dimension



Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0.9

Fixture Body : Steel With White Painted
 Diffuse : Polycarbonate
 Driver : Integrated
 Dimming : PWM Dim

Recessed Open W330 Type

Non Dimmable	120°	Non Dimmable	120°	Non Dimmable	120°	Non Dimmable	120°
XLX460VEDTLE9031 43.1W • 6430lm • 149.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX450VEDTLE9031 31.9W • 4850lm • 152lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX440VEDPLE9031 25W • 3740lm • 149.6lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX420VEDTLE9031 16.3W • 2360lm • 144.8lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX460VENTLE9031 43.1W • 6680lm • 154.9lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX450VENTLE9031 31.9W • 5040lm • 157.9lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX440VENPLE9031 25W • 3880lm • 155.2lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX420VENTLE9031 16.3W • 2420lm • 148.5lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX460VEWTLE9031 43.1W • 6320lm • 146.6lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX450VEWTLE9031 31.9W • 4770lm • 149.5lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX440VEWPLE9031 25W • 3670lm • 146.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX420VEWTLE9031 16.3W • 2300lm • 141.1lm/W AC 100-242V • 50/60Hz	4000K CRI 83

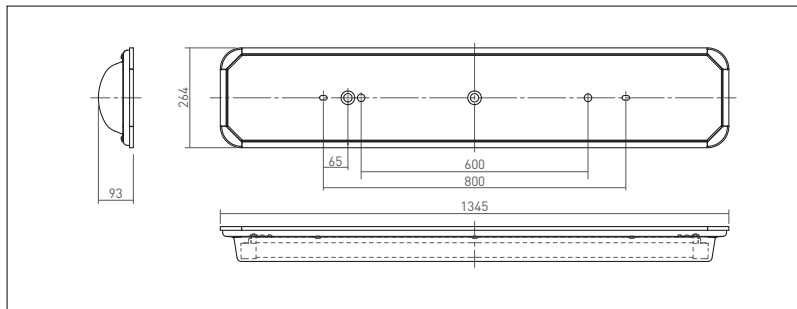
Recessed Open W330 Type

Dimmable	120°	Dimmable	120°	Dimmable	120°	Dimmable	120°
XLX460VEDTLR9031 43.1W • 6430lm • 149.2lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX450VEDTLR9031 31.9W • 4850lm • 152lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX440VEDPLA9031 25W • 3740lm • 149.6lm/W AC 100-242V • 50/60Hz	6500K CRI 83	XLX420VEDTLA9031 16.3W • 2360lm • 144.8lm/W AC 100-242V • 50/60Hz	6500K CRI 83
XLX460VENTLR9031 43.1W • 6680lm • 154.9lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX450VENTLR9031 31.9W • 5040lm • 157.9lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX440VENPLA9031 25W • 3880lm • 155.2lm/W AC 100-242V • 50/60Hz	5000K CRI 83	XLX420VENTLA9031 16.3W • 2420lm • 148.5lm/W AC 100-242V • 50/60Hz	5000K CRI 83
XLX460VEWTLR9031 43.1W • 6320lm • 146.6lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX450VEWTLR9031 31.9W • 4770lm • 149.5lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX440VEWPLA9031 25W • 3670lm • 146.8lm/W AC 100-242V • 50/60Hz	4000K CRI 83	XLX420VEWTLA9031 16.3W • 2300lm • 141.1lm/W AC 100-242V • 50/60Hz	4000K CRI 83

Base Light HACCP & Clean Food Series



Dimension



Specification

Ambient Temperature	: -10°C until 35°C
Power Factor	: 0.9
Fixture Body	: Steel
Diffuse	: Polycarbonate
Driver	: Integrated

Industrial Lighting Fixtures for HACCP Requirement

- Clean design that prevents dust from sticking to the fixture. While also making it easier to wipe.
- Designed to prevent dust from entering fixture.
- Designed with plastic anti-scattering cover.
- Less maintenance.
- Built in LED. Built in driver.
- Non Dimmable.
- Body steel plate, high reflecting white powder coating.
- Cover acrylic, transparent, antistatic treatment.
- Light bar (cover) polycarbonate, milky white.
- When it used with an UV lamp. Please ensure UV rays do not hit the acrylic panel. UV rays may shorten lifetime of panel.
- Product with the same model number may have different luminous colors or brightness because LED have some variations.

iD series

Suitable for a clean environment required by HACCP such as food factories, schools kitchens.

- 1 Clean design that prevents dust from sticking to the fixture, while also making it easier to wipe
- 2 Designed to prevent dust from entering fixture
Direct-mount type Dust prevention with "airtight" packing
Cross sectional shape for preventing dust from sticking to the fixture and for easy wiping of dust
- 3 Designed with plastic anti-scattering cover
Double structure design of light bar and cover for shock resistance
- 4 Less maintenance

Non Dimmable	
XLW461ZENLE9031	5000K
43.1W • 6260lm • 145.2lm/W	CRI 83
AC 100-242V • 50/60Hz	

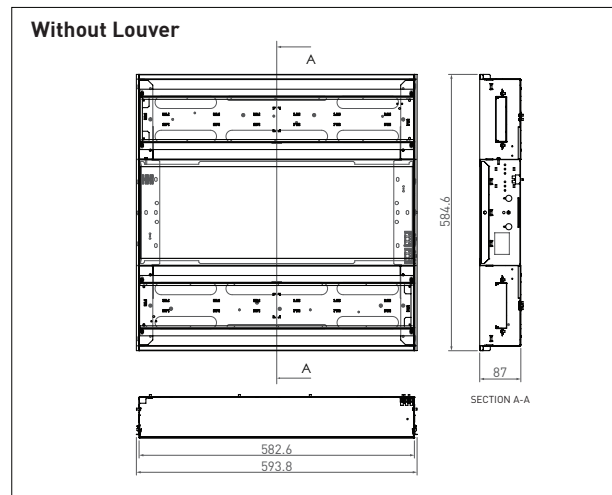
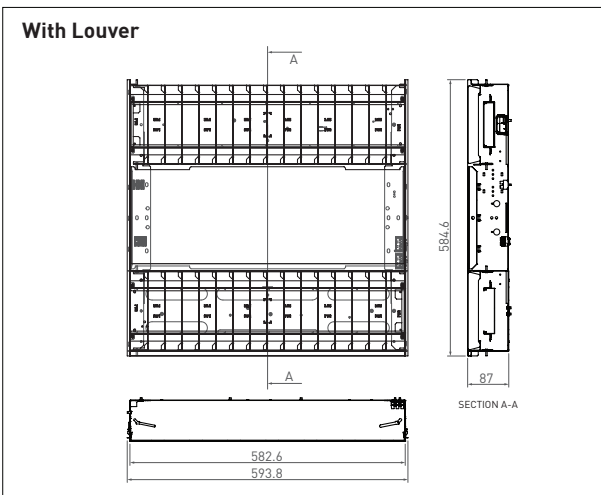
Non Dimmable	
XLW441ZENLE9031	5000K
26.7W • 3650lm • 136.7lm/W	CRI 83
AC 100-242V • 50/60Hz	

Non Dimmable	
XLW411ZENLE9031	5000K
13.1W • 1820lm • 138.9lm/W	CRI 83
AC 100-242V • 50/60Hz	

Base Light System Ceiling



Dimension





Specification


Power Factor : 0.9
 Ambient Temperature : 5°C until 35°C

Fixture Body : Steel With White Painted
 Cover : Milky
 Driver : Integrated
 Dimming : PWM Dim

With Louver Type

Dimmable		Dimmable Feature Emergency	
NNPAM85002H	4000K CRI 80	NNPAM85002HBT	4000K CRI 80
43W • 4630lm • 107.7lm/W AC 100-242V • 50/60Hz		46W • 4630lm • 100.7lm/W AC 100-242V • 50/60Hz	

Without Louver Type

Non Dimmable	
NNPAM85102	4000K CRI 80
31.6W • 4080lm • 129.1lm/W AC 100-242V • 50/60Hz	



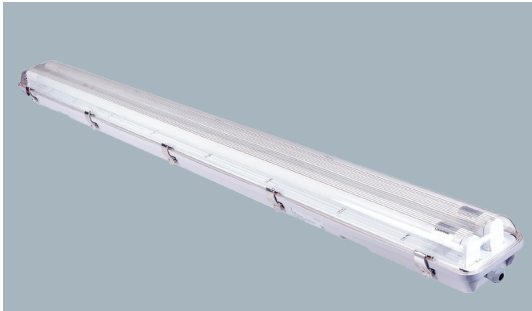
INDUSTRIAL LIGHTING

LED Tri-Proof Batten

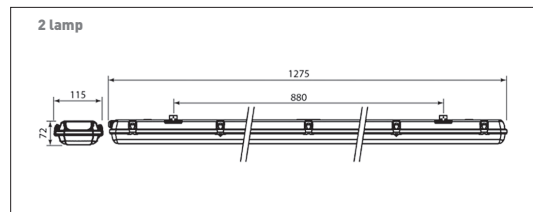
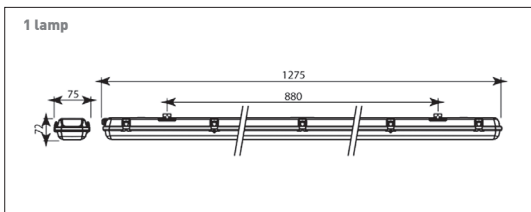
LED High Bay

LED Tri-Proof Batten

LIFE TIME 40.000h	IK08	IP65	SNI
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Dimension



Specification

Ambient Temperature : 0°C until 40°C
 Power Factor : 0.9

Body : Injection PBT Grey
 Cover : Injection PC Clear

Tri-Proof Batten Combination :

1. Water Proof : Protection against low pressure water from any direction.
2. Dust Proof : Protection against contact (dust tight)
3. Rush Proof : Protection against corrosion.

1 LAMP TYPE

Fixture Type JNP85953		Fixture Type JNP85953	
ZNP84941031	6500K	ZNP84940031	6500K
JNP85953 Fixture	CRI 80	JNP85953 Fixture	CRI 80
NNP80904K031 Lamp		NNP80906K031 Lamp	
12W • 1600lm • 133.3lm/W		16W • 2100lm • 131.3lm/W	
AC 220-240V • 50/60Hz		AC 220-240V • 50/60Hz	
ZNP84921031	4000K	ZNP84920031	4000K
JNP85953 Fixture	CRI 80	JNP85953 Fixture	CRI 80
NNP80903K031 Lamp		NNP80905K031 Lamp	
12W • 1600lm • 133.3lm/W		16W • 2100lm • 131.3lm/W	
AC 220-240V • 50/60Hz		AC 220-240V • 50/60Hz	

2 LAMPS TYPE

Fixture Type JNP86955		Fixture Type JNP86955	
ZNP84943031	6500K	ZNP84942031	6500K
JNP86955 Fixture	CRI 80	JNP86955 Fixture	CRI 80
NNP80904K031 Lamp 2 x		NNP80906K031 Lamp 2 x	
2x12W • 2x1600lm • 133.3lm/W		2x16W • 2x2100lm • 131.3lm/W	
AC 220-240V • 50/60Hz		AC 220-240V • 50/60Hz	
ZNP84923031	4000K	ZNP84922031	4000K
JNP86955 Fixture	CRI 80	JNP86955 Fixture	CRI 80
NNP80903K031 Lamp 2 x		NNP80905K031 Lamp 2 x	
2x12W • 2x1600lm • 133.3lm/W		2x16W • 2x2100lm • 131.3lm/W	
AC 220-240V • 50/60Hz		AC 220-240V • 50/60Hz	

LED Tri-Proof Batten JPO Series

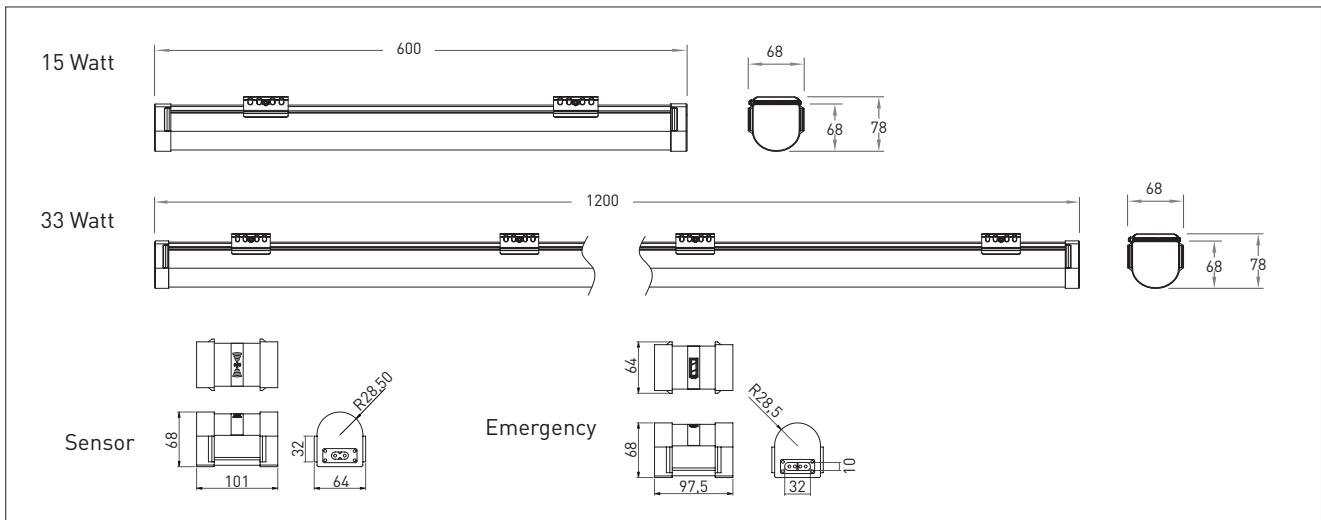


ON/OFF System Type

Sensor Type

Emergency Type

Dimension



Specification

Ambient Temperature : 30°C
Power Factor : 0.9

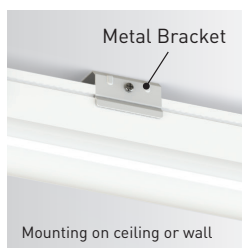
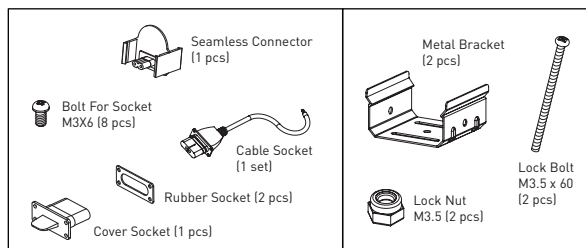
Body : Polycarbonate
Driver : Integrated

Materials using metal bracket, easy replacements and maintenance, easy to install. 2 optional for installations (Ceiling mounting & Wall mounting).

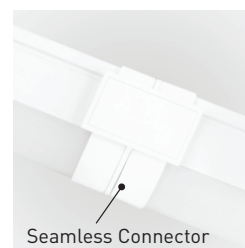
High quality seamless connector between lamp to realize IP65 and the lamps can be connected serially up to a maximum of 400W.

Lighting Applications :
Parking area, Warehouse, Factory, Train station, Airport, Pedestrian bridge lighting, Supermarket, Hospital, School, ect.

Accessories



Mounting on ceiling or wall





Seamless Connector



LED Tri-Proof Batten JPO Series



ON/OFF Switch System Type



	
JNPL82750 15W Luminer • 2W Charging 1800lm • 120lm/W AC 220-240V • 50/60Hz	JNPL86950 33W Luminer • 2W Charging 3960lm • 120lm/W AC 220-240V • 50/60Hz

Move Sensor System Type

	
JNPL82751 15W Luminer • 2W Charging 1800lm • 120lm/W AC 220-240V • 50/60Hz	JNPL86951 33W Luminer • 2W Charging 3960lm • 120lm/W AC 220-240V • 50/60Hz

- Has a microwave sensor controller so that the lights can turn on automatically when there is movement around the lights.

Emergency System Type

	
JNPL82753 15W Luminer • 2W Charging 1800lm • 120lm/W AC 220-240V • 50/60Hz	JNPL86953 33W Luminer • 2W Charging 3960lm • 120lm/W AC 220-240V • 50/60Hz

- The lamp has an emergency feature so that the lamp can turn on automatically when there is no electricity. Battery backup time up to 3 hours with 15% brightness.

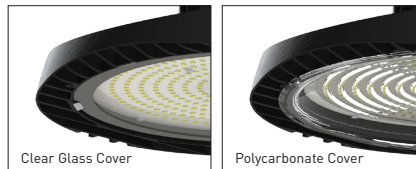
LED Highbay UFO II



Specification

Ambient Temperature : -30°C until 40°C
 Power Factor : 0.90

Body : Aluminium Die-Cast Black Finish
 Hook : Stainless Steel
 Bracket : Galvanized Sheet
 Cone : AL1070 Bending
 Cover : Clear Glass and Polycarbonate



• Dimming Type

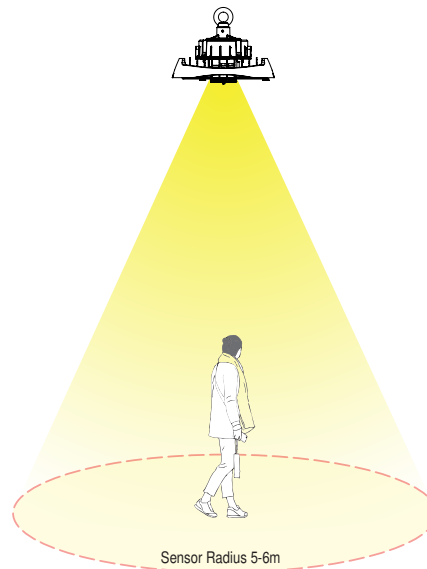


• Motion Sensor Type

The design releasing the LED heat efficiently ensures brightness from installation to the end of product life time.

Waterproof Highbay light (IP65) for factory, warehouse and other high ceiling places.

• Recommended Installation Area



- Recommended installation height for sensor type lamps:
 Max. 8 meters

 (Not recommended to be installed close to devices that are always moving.
 For example: exhaust, fan, etc.)

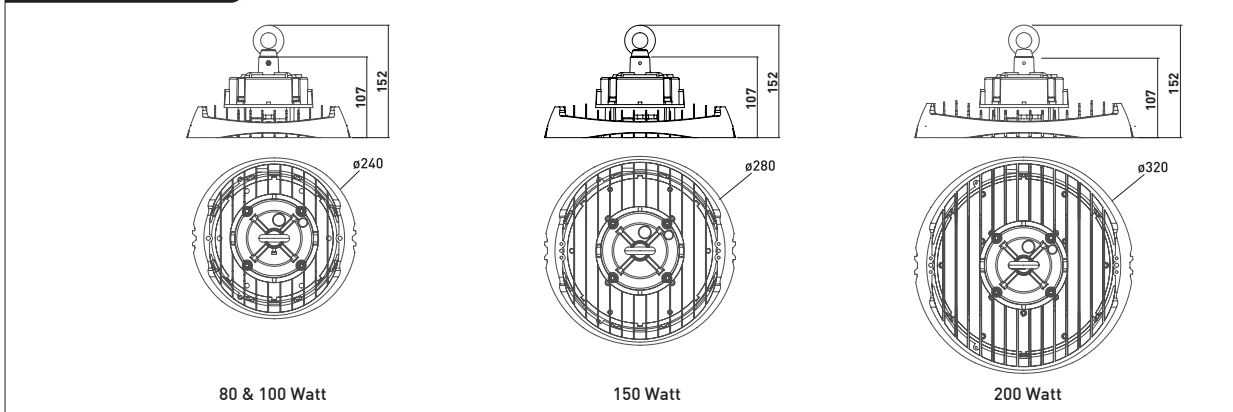
- Recommended installation height for dimmer type lamps:
 80W ≤ 10 meters
 100W ≤ 13 meters
 150W ≤ 13 meters
 200W ≤ 18 meters

(The measurement results above refer to the lux standard of 100lx with a simulated area of 20m x 20m).

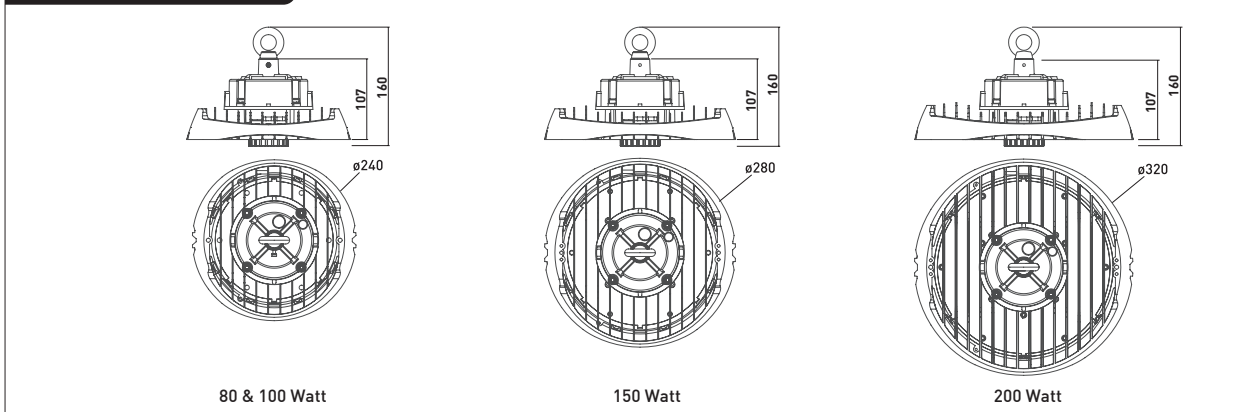
LED Highbay UFO II



Dimension Dimming Type



Dimension Motion Sensor Type



• Accessory Combination

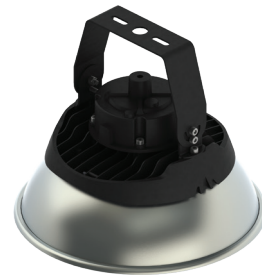
[Accessories sold separately]



Lamp + Bracket

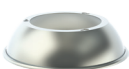


Lamp + Cone

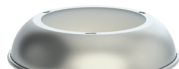


Lamp + Bracket + Cone

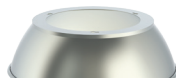
Reflector Cone



NNP48244CN
for 80 & 100W



NNP48444CN
for 150W



NNP48644CN
for 200W

Bracket



NNP48244BR
for 80 & 100W



NNP48444BR
for 150W



NNP48644BR
for 200W

LED Highbay UFO II



Dimming Type



80W Type

Dimmable Cover Lens (Polycarbonate)	60°
NNP48034D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48033D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48032D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Lens (Polycarbonate)	90°
NNP48044D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48043D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48042D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Clear Glass	110°
NNP48054D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48053D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48052D 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

100W Type

Dimmable Cover Lens (Polycarbonate)	60°
NNP48234D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48233D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48232D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Lens (Polycarbonate)	90°
NNP48244D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48243D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48242D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Clear Glass	110°
NNP48254D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48253D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48252D 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

150W Type

Dimmable Cover Lens (Polycarbonate)	60°
NNP48434D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48433D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48432D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Lens (Polycarbonate)	90°
NNP48444D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48443D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48442D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Clear Glass	110°
NNP48454D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48453D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48452D 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

200W Type

Dimmable Cover Lens (Polycarbonate)	60°
NNP48634D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48633D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48632D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Lens (Polycarbonate)	90°
NNP48644D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48643D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48642D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Dimmable Cover Clear Glass	110°
NNP48654D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48653D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48652D 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80


LED Highbay UFO II





Motion Sensor Type




80W Type


Motion Sensor Cover Lens (Polycarbonate)	
NNP48034S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48033S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48032S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80


Motion Sensor Cover Lens (Polycarbonate)	
NNP48044S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48043S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48042S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Motion Sensor Cover Clear Glass	
NNP48054S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48053S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48052S 80W • 12800lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80


100W Type


Motion Sensor Cover Lens (Polycarbonate)	
NNP48234S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48233S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48232S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80


Motion Sensor Cover Lens (Polycarbonate)	
NNP48244S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48243S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48242S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Motion Sensor Cover Clear Glass	
NNP48254S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48253S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48252S 100W • 16000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80


150W Type


Motion Sensor Cover Lens (Polycarbonate)	
NNP48434S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48433S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48432S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80


Motion Sensor Cover Lens (Polycarbonate)	
NNP48444S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48443S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48442S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

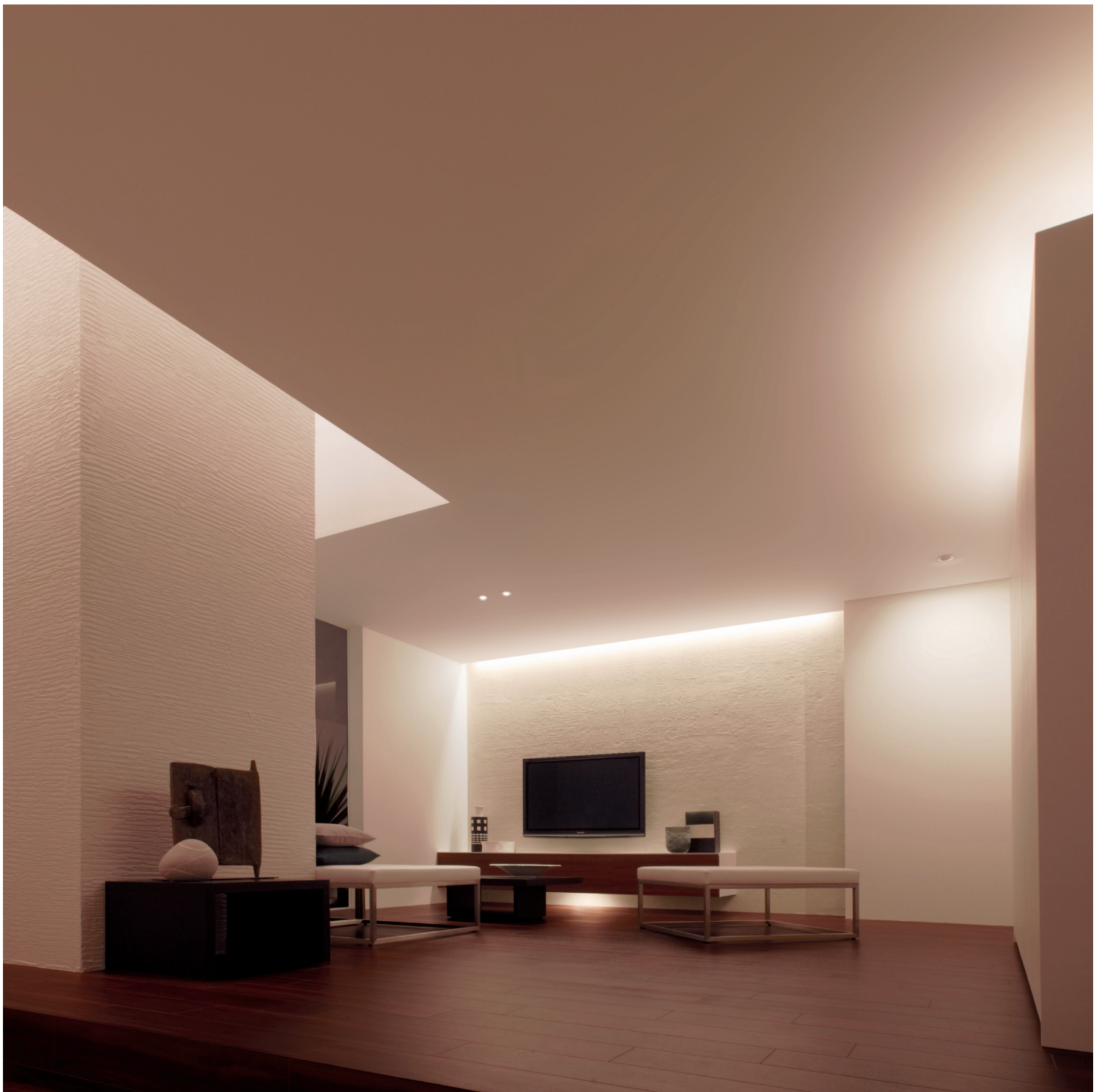
Motion Sensor Cover Clear Glass	
NNP48454S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48453S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48452S 150W • 24000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

200W Type

Motion Sensor Cover Lens (Polycarbonate)	
NNP48634S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48633S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48632S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

Motion Sensor Cover Lens (Polycarbonate)	
NNP48644S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48643S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48642S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80

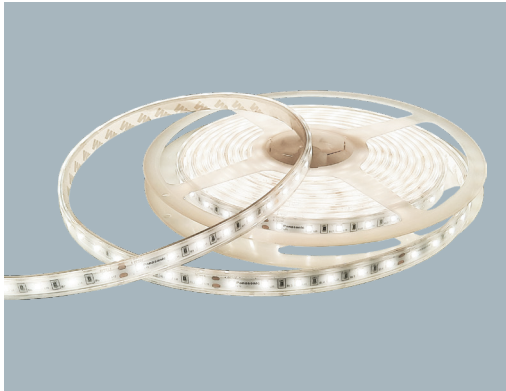
Motion Sensor Cover Clear Glass	
NNP48654S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	6500K CRI 80
NNP48653S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	5000K CRI 80
NNP48652S 200W • 32000lm • 160lm/W AC 100-240V • 50/60Hz	4000K CRI 80



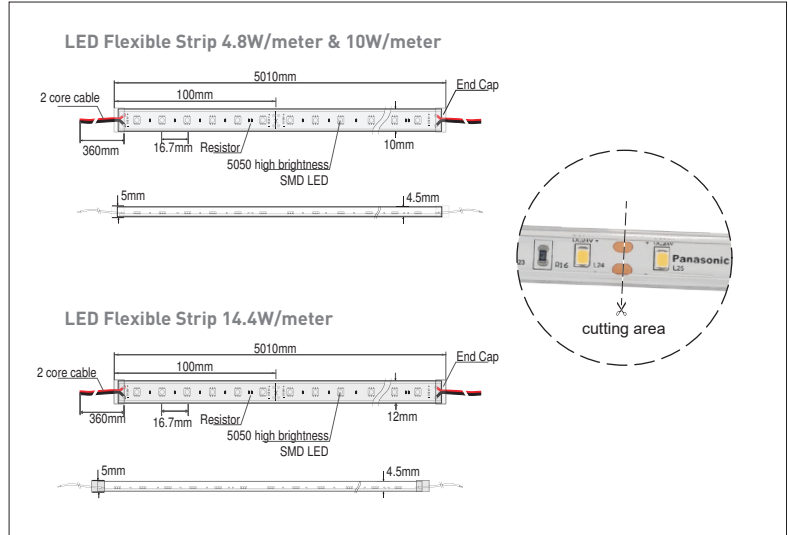
COVE & CONTOUR LIGHTING

LED Flexible Strip Light

LED Flexible Strip Light



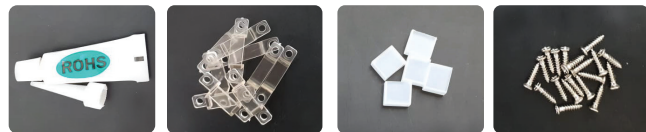
Dimension



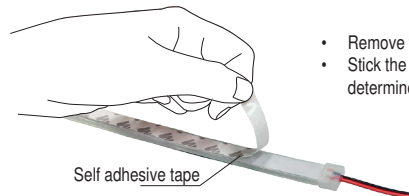
Application



Accessories



1. Glue (1pc)
2. Fixed Clip (10pcs)
3. End-cap (5pcs)
4. Screw (20pcs)



- Remove the paper on the self adhesive tape.
- Stick the self adhesive tape in the place that has been determined.

Specification

Tube : Silicon
 End cap : Silicon
 body length : 5 meter per unit.
 Maximum connection 10 meters.

Driver

Voltage Luminer	Model Number	Wattage	Voltage Driver	IP
DC 24V	NNP96971	60W	AC 220-240V	67
	NNP96973	100W		
	NNP96979	150W		
	NNP96975	200W		
	NNP96977	300W		

Driver refer to page 78

100°

NNP95222 4000K
CRI 90
 4.8W/meter • 360lm/m
 1800lm/5m • 75lm/W • DC 24V

NNP95212 3000K
CRI 90
 4.8W/meter • 360lm/m
 1800lm/5m • 75lm/W • DC 24V

NNP95202 2700K
CRI 90
 4.8W/meter • 360lm/m
 1800lm/5m • 75lm/W • DC 24V

100°

NNP96222 4000K
CRI 90
 10W/meter • 850lm/m
 4250lm/5m • 85lm/W • DC 24V

NNP96212 3000K
CRI 90
 10W/meter • 850lm/m
 4250lm/5m • 85lm/W • DC 24V

NNP96202 2700K
CRI 90
 10W/meter • 850lm/m
 4250lm/5m • 85lm/W • DC 24V

100°

NNP97222 4000K
CRI 90
 14.4W/meter • 1200m/m
 6000lm/5m • 83.3lm/W • DC 24V

NNP97212 3000K
CRI 90
 14.4W/meter • 1200m/m
 6000lm/5m • 83.3lm/W • DC 24V

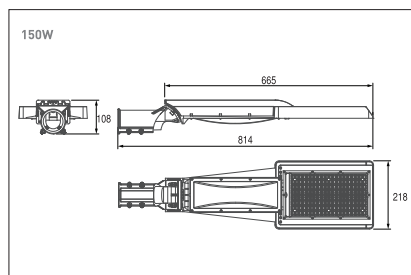
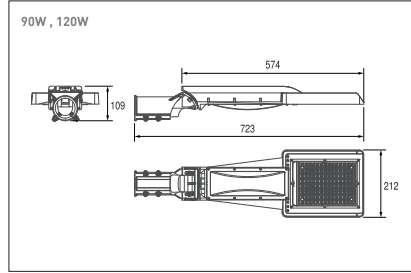
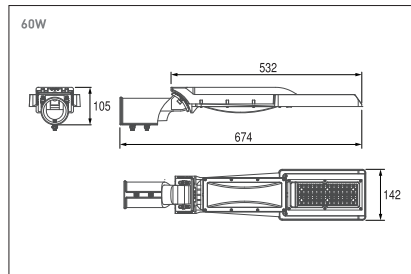
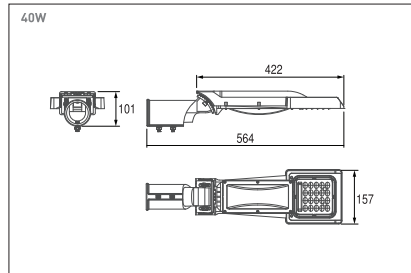
NNP97202 2700K
CRI 90
 14.4W/meter • 1200m/m
 6000lm/5m • 83.3lm/W • DC 24V



STREET LIGHTING

EVO Series

LED Street Light EVO Series



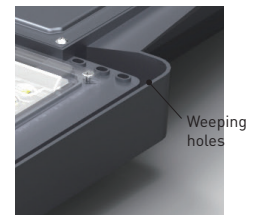
Specification











Ambient Temperature : 5°C until 40°C

Body : Painted Aluminum Die-Casting
 Diffuse : Polycarbonate
 Driver : Integrated

FEATURES :

- Built-in automatic dimming functions (in 5 step dimming).
- Adjustable Spigot Adapter To adjust post top and light angle.
- Uplight Shield Integrated upright shield in the housing effectively reduces upright & Cover lens IK08.
- Weeping Holes Additional weeping holes to avoid water accumulation.



Dimmable 	Dimmable 
NNP11740GL  40W • 5200lm • 130lm/W CRI 70 AC 100-240V • 50/60Hz	NNP12744GL  120W • 15600lm • 130lm/W CRI 70 AC 100-240V • 50/60Hz
Dimmable 	Dimmable 
NNP11742GL  60W • 7800lm • 130lm/W CRI 70 AC 100-240V • 50/60Hz	NNP14745GL  150W • 19500lm • 130lm/W CRI 70 AC 100-240V • 50/60Hz
Dimmable 	
NNP11743GL  90W • 11700lm • 130lm/W CRI 70 AC 100-240V • 50/60Hz	



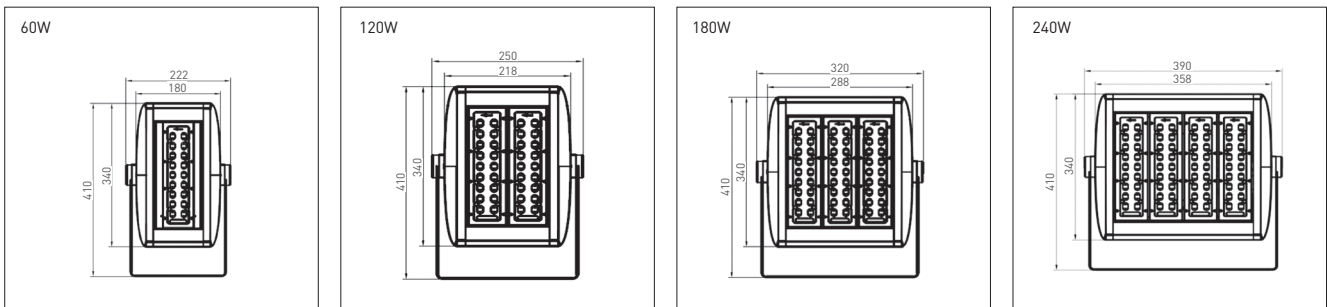
FLOOD LIGHT

Flood Light C Series

LED Flood Light C Series



Dimension



Specification

Ambient Temperature : -35°C until 40°C
 Power Factor : 0.95

Body : Aluminium Die Cast
 Diffuse : Polycarbonate
 Dimming : 0-10V

Dimmable	Beam Angle	Model	Power (W)	Light Output (lm)	Efficiency (lm/W)	Color Temp (K)	CRI
Dimmable	60°	NNP31930K031	60W	7200lm	120lm/W	5000K	CRI 70
Dimmable	60°	NNP33932K031	120W	14400lm	120lm/W	5000K	CRI 70
Dimmable	60°	NNP34935K031	180W	21600lm	120lm/W	5000K	CRI 70
Dimmable	60°	NNP35939K031	240W	28800lm	120lm/W	5000K	CRI 70
Dimmable	60°	NNP31940K031	60W	7200lm	120lm/W	4000K	CRI 70
Dimmable	60°	NNP33942K031	120W	14400lm	120lm/W	4000K	CRI 70
Dimmable	60°	NNP34945K031	180W	21600lm	120lm/W	4000K	CRI 70
Dimmable	60°	NNP35949K031	240W	28800lm	120lm/W	4000K	CRI 70
Dimmable	60°	NNP31910K031	60W	7200lm	120lm/W	3000K	CRI 70
Dimmable	60°	NNP33912K031	120W	14400lm	120lm/W	3000K	CRI 70
Dimmable	60°	NNP34915K031	180W	21600lm	120lm/W	3000K	CRI 70
Dimmable	60°	NNP35919K031	240W	28800lm	120lm/W	3000K	CRI 70



DECORATIVE LIGHTING

LED Pixel Light
LED Step Light

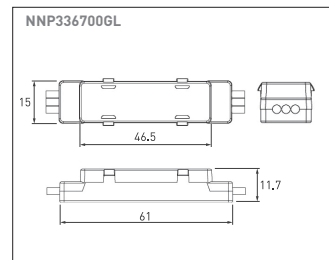
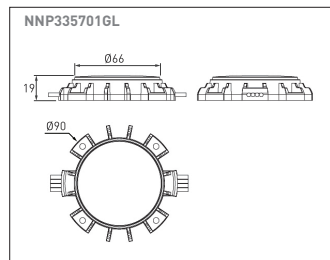
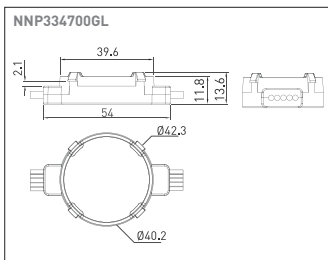
LED Flood Light
LED Bollard Light

LED Wallwasher

LED Inground

LED Pixel Light 3-in-1 Series

LIFE TIME 50.000h IP67



Specification

Ambient Temperature : -40°C until 55°C

Body : Modified PVC
Fire retardant material V-0

FEATURES :

- Can change color according to consumer request, with adjustable color change for delay time.
- Can be immersed in water with a depth of 1.5-2 meters.
- Can be controlled with DMX Controller option : Master type NNP334700XS combined with Data Distributor NNP334700DMX or using Master include Data Distributor NNP334700XSD.
- Using a separate drive with lights that are tailored to the power requirements of the installed light.

Driver

Voltage Luminer	Model Number	Wattage	Voltage Driver	IP
DC 12V	NNP96970	60W	AC 220-240V	67
	NNP96972	100W		
	NNP96978	150W		
	NNP96974	180W		
	NNP96976	275W		
DC 24V	NNP96971	60W	AC 220-240V	67
	NNP96973	100W		
	NNP96979	150W		
	NNP96975	200W		
	NNP96977	300W		

Driver refer to page 78



Accessories (Not Include Purchase)



1. LED Mesh Screen Fixing Part



2. Dome



3. Steel Roop Base



4. Aluminium Track (Optional)



5. Aluminium Track (Optional)



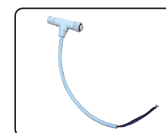
6. Kabel Flat



7. Steel Roop



8. Shrink Tube





9. T-Connector





10. Female Connector





11. End Cap

Controller DMX512 (Digital Multiplex)  

NNP334700GL
0.72W • 18lm
DC 12V

Controller DMX512 (Digital Multiplex)  

NNP335701GL
4.32W • 85lm
DC 24V

Controller SPI (Serial Peripheral Interface)  

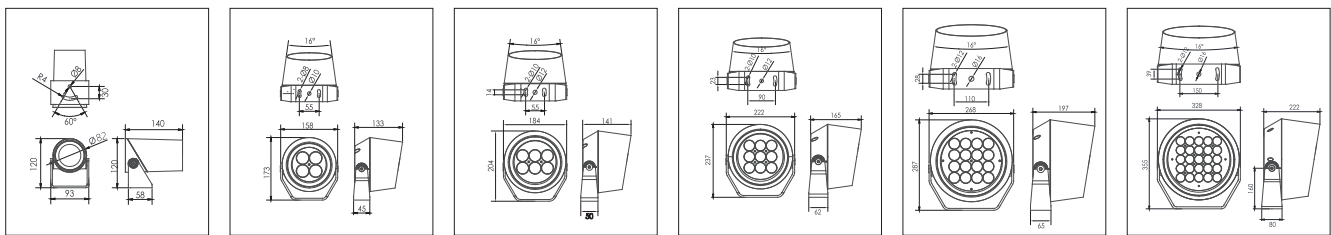
NNP336700GL
0.72W • 16lm
DC 12V

LED Flood Light

RGBW Color & Mono Color



Dimension



Specification

Ambient Temperature : -25°C until 50°C

Body : Painted Aluminum Die-Casting

Driver

Voltage Lumener	Model Number	Wattage	Voltage Driver	IP
DC 24V	NNP96971	60W	AC 220-240V	67
	NNP96973	100W		
	NNP96979	150W		
	NNP96975	200W		
	NNP96977	300W		

Driver refer to page 78



Application



Mono Color Type

System ON-OFF 	System ON-OFF
NNP30650GL 10W • 850lm • 85lm/W AC 100-240V • 50/60Hz 4000K CRI 80	NNP31650GL 20W • 1700lm • 85lm/W AC 100-240V • 50/60Hz 4000K CRI 80
System ON-OFF 	System ON-OFF
NNP32650GL 30W • 2550lm • 85lm/W AC 100-240V • 50/60Hz 4000K CRI 80	NNP33650GL 60W • 5100lm • 85lm/W AC 100-240V • 50/60Hz 4000K CRI 80
System ON-OFF 	System ON-OFF
NNP33651GL 75W • 6375lm • 85lm/W AC 100-240V • 50/60Hz 4000K CRI 80	NNP34650GL 120W • 10200lm • 85lm/W AC 100-240V • 50/60Hz 4000K CRI 80

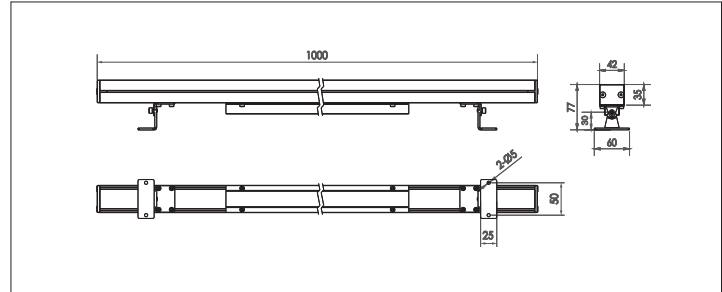
RGBW Color Type

Controller DMX512 [Digital Multiplex] 	Controller DMX512 [Digital Multiplex]
NNP30850GL 8W • 360lm DC 24V RGBW	NNP31850GL 20W • 900lm DC 24V RGBW
Controller DMX512 [Digital Multiplex] 	Controller DMX512 [Digital Multiplex]
NNP32850GL 30W • 1350lm AC 100-240V • 50/60Hz RGBW	NNP33851GL 45W • 2025lm AC 100-240V • 50/60Hz RGBW
Controller DMX512 [Digital Multiplex] 	Controller DMX512 [Digital Multiplex]
NNP33850GL 60W • 2700lm AC 100-240V • 50/60Hz RGBW	NNP34851GL 75W • 3375lm AC 100-240V • 50/60Hz RGBW
Controller DMX512 [Digital Multiplex] 	Controller DMX512 [Digital Multiplex]
NNP34850GL 100W • 4500lm AC 100-240V • 50/60Hz RGBW	NNP35850GL 200W • 9000lm AC 100-240V • 50/60Hz RGBW

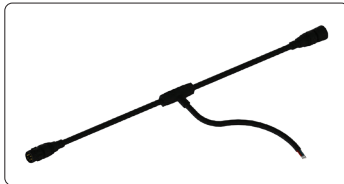
LED Wallwasher RGBW Color & Mono Color



Dimension



Accessories



T - Connector

Application



Specification

Ambient Temperature : -25°C until 50°C

Body : Painted Aluminum Die-Casting

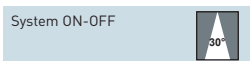
Driver

Voltage Luminer	Model Number	Wattage	Voltage Driver	IP
DC 24V	NNP96971	60W	AC 220-240V	67
	NNP96973	100W		
	NNP96979	150W		
	NNP96975	200W		
	NNP96977	300W		

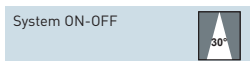
Driver refer to page 78



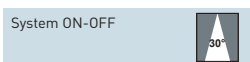
Mono Color Type



NNP90300GL 4000K
18W • 1530lm • 85lm/W CRI 80
DC 24V

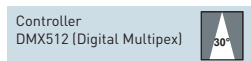


NNP91300GL 4000K
24W • 2040lm • 85lm/W CRI 80
DC 24V

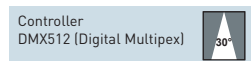


NNP92300GL 4000K
36W • 3060lm • 85lm/W CRI 80
DC 24V

RGBW Color Type

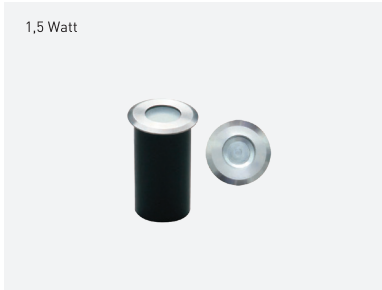


NNP93400GL RGBW
48W • 1680lm RGBW
DC 24V • IC Address 4pcs/lamp

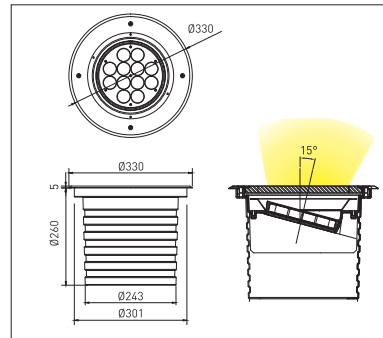
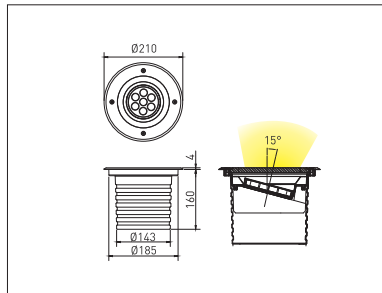
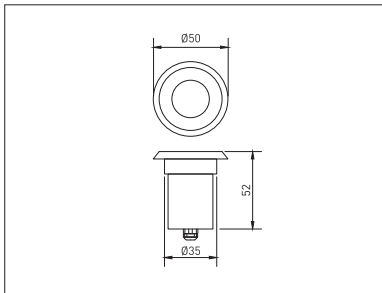


NNP92400GL RGBW
36W • 1260lm RGBW
DC 24V • IC Address 3pcs/lamp

LED Inground Light RGBW Color & Mono Color



Dimension



Specification

Ambient Temperature : -25°C until 50°C

Body : Alluminium Alloy Molding

Application



Mono Color Type

System ON-OFF

NNP30350GL 4000K
 1.5W • 125lm • 83lm/W CRI 80

System ON-OFF

NNP31350GL 4000K
 16W • 1360lm • 85lm/W CRI 80
 AC 100-240V • 50/60Hz

RGB Color Type

Controller DMX512 (Digital Multiplex)

NNP30360GL
 1.5W • 75lm • 50lm/W RGB
 DC 24V

RGBW Color Type

Controller DMX512 (Digital Multiplex)

NNP32360GL
 40W • 2000lm • 50lm/W RGBW
 AC 100-240V • 50/60Hz

Controller DMX512 (Digital Multiplex)

NNP33360GL
 60W • 3000lm • 50lm/W RGBW
 AC 100-240V • 50/60Hz

System ON-OFF

NNP32350GL 4000K
 40W • 3400lm • 85lm/W CRI 80
 AC 100-240V • 50/60Hz

System ON-OFF

NNP33350GL 4000K
 60W • 5100lm • 85lm/W CRI 80
 AC 100-240V • 50/60Hz

Controller DMX512 (Digital Multiplex)

NNP31360GL
 16W • 800lm • 50lm/W RGB
 DC 24V

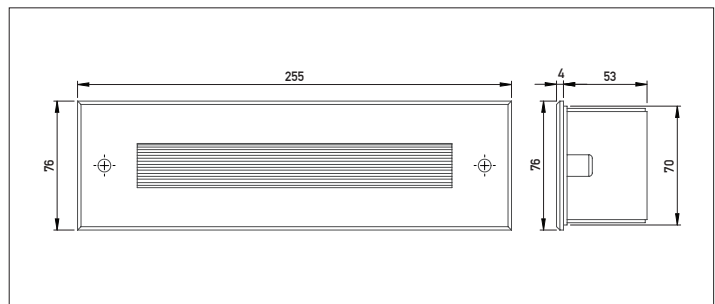
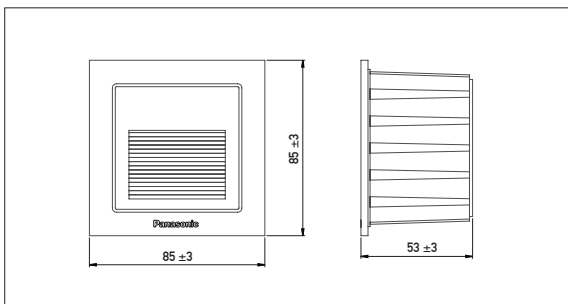
Controller DMX512 (Digital Multiplex)

NNP34360GL
 100W • 5000lm • 50lm/W RGBW
 AC 100-240V • 50/60Hz

LED Step Light



Dimension





Specification

Ambient Temperature : -25°C until 50°C


Body : Aluminium Alloy Molding



Square Type

			
NNP80050031	6500K CRI 80	NNP81050031	6500K CRI 80
3W • 110lm • 36.7lm/W AC 220-240V • 50/60Hz		5W • 200lm • 40lm/W AC 220-240V • 50/60Hz	
NNP80010031	3000K CRI 80	NNP81010031	3000K CRI 80
3W • 110lm • 36.7lm/W AC 220-240V • 50/60Hz		5W • 200lm • 40lm/W AC 220-240V • 50/60Hz	

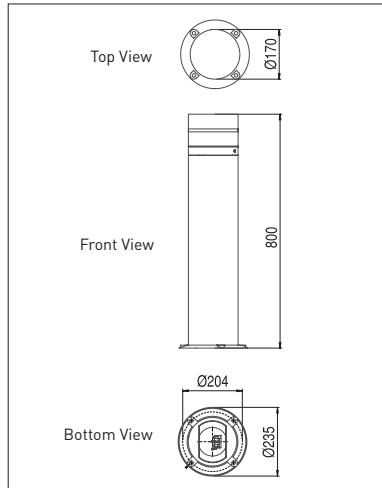
Rectangular Type

	
NNP81650	6500K CRI 80
5W • 200lm • 40lm/W AC 220-240V • 50/60Hz	
NNP81610	3000K CRI 80
5W • 200lm • 40lm/W AC 220-240V • 50/60Hz	

LED Bollard



Dimension



Specification

Ambient Temperature : 5°C until 35°C
 Power Factor : 0,9

Body : Alluminium Alloy Molding
 Driver : Integrated

Application



System ON/OFF

180°

NNP42012

10W • 550lm • 55lm/W
 AC 220-240V • 50/60Hz

5000K

CRI 70

NNP42011

10W • 550lm • 55lm/W
 AC 220-240V • 50/60Hz

4000K

CRI 70

NNP42010

10W • 550lm • 55lm/W
 AC 220-240V • 50/60Hz

3000K

CRI 70

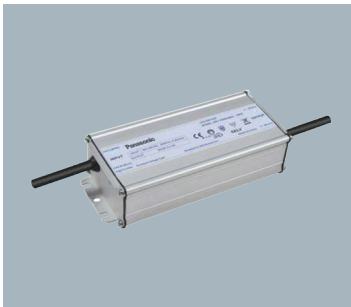
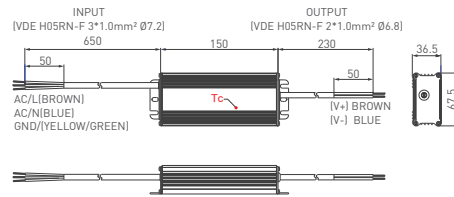
Constant Voltage Driver

IP67

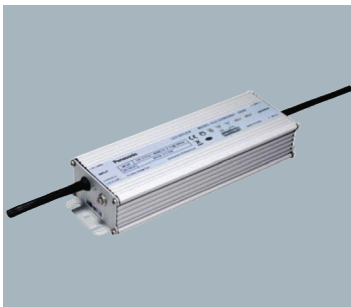
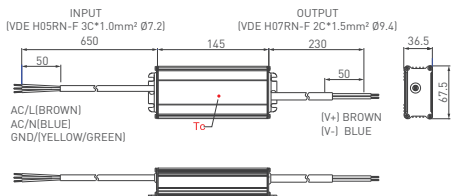
Dimension



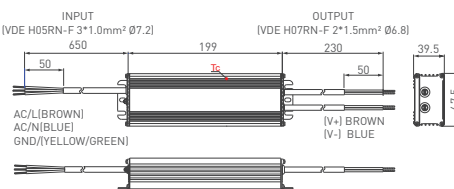
NNP96970 & NNP96971



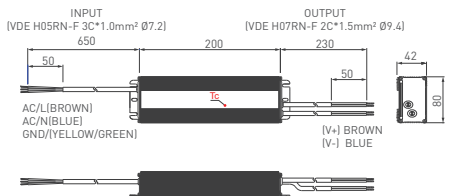
NNP96972 & NNP96973



NNP96974, NNP96975, NNP96978 & NNP96979



NNP96976 & NNP96977



Specification

Ambient Temperature : 30°C
Power Factor : 0.9

Body : Aluminium Extrusion

Recommended for LED Flexible Strip Light, LED Panel Light, LED Neon Flex, LED Wallwasher, LED Spot Light, LED Inground, LED Flood Light, LED MR16, LED Pixel Light.

Constant Voltage Driver DC12V

NNP96970

60W • 5A
AC 220-240V • 50/60Hz

NNP96972

100W • 8.4A
AC 220-240V • 50/60Hz

NNP96978

150W • 12.5A
AC 220-240V • 50/60Hz

NNP96974

180W • 15A
AC 220-240V • 50/60Hz

NNP96976

275W • 22.9A
AC 220-240V • 50/60Hz

Constant Voltage Driver DC24V

NNP96971

60W • 2.5A
AC 220-240V • 50/60Hz

NNP96973

100W • 4.2A
AC 220-240V • 50/60Hz

NNP96979

150W • 6.25A
AC 220-240V • 50/60Hz

NNP96975

200W • 8.33A
AC 220-240V • 50/60Hz

NNP96977

300W • 12.5A
AC 220-240V • 50/60Hz

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
JNP		NNP30350GL	53	NNP48052D	41	NNP48642S	42	NNP73427031	8
JNP85953	36	NNP30360GL	53	NNP48052S	42	NNP48643D	41	NNP73428031	8
JNP86955	36	NNP30650GL	51	NNP48053D	41	NNP48643S	42	NNP73429031	8
JNPL82750	38	NNP30850GL	51	NNP48053S	42	NNP48644BR	40	NNP73438031	8
JNPL82751	38	NNP31350GL	53	NNP48054D	41	NNP48644CN	40	NNP73439031	8
JNPL82753	38	NNP31360GL	53	NNP48054S	42	NNP48644D	41	NNP73442031	8
JNPL86950	38	NNP31650GL	51	NNP48232D	41	NNP48644S	42	NNP74225031	8
JNPL86951	38	NNP31850GL	51	NNP48232S	42	NNP48652D	41	NNP74226031	8
JNPL86953	38	NNP31910K031	48	NNP48233D	41	NNP48652S	42	NNP74227031	8
		NNP31930K031	48	NNP48233S	42	NNP48653D	41	NNP74228031	8
		NNP31940K031	48	NNP48234D	41	NNP48653S	42	NNP74229031	8
NNP		NNP32350GL	53	NNP48234S	42	NNP48654D	41	NNP74230031	8
NNP03011031	13	NNP32360GL	53	NNP48242D	41	NNP48654S	42	NNP74231031	8
NNP03012031	13	NNP32650GL	51	NNP48242S	42	NNP72234031	7	NNP74232031	8
NNP03013031	13	NNP32850GL	51	NNP48243D	41	NNP72235031	7	NNP74426031	8
NNP03014031	13	NNP33350GL	53	NNP48243S	42	NNP72236031	7	NNP74427031	8
NNP03015031	13	NNP33360GL	53	NNP48244BR	40	NNP72237031	7	NNP74428031	8
NNP03021031	13	NNP334700GL	50	NNP48244CN	40	NNP72238031	7	NNP74429031	8
NNP03022031	13	NNP335701GL	50	NNP48244D	41	NNP72239031	7	NNP74430031	8
NNP03023031	13	NNP33650GL	51	NNP48244S	42	NNP72240031	7	NNP74431031	8
NNP03024031	13	NNP33651GL	51	NNP48252D	41	NNP72245031	7	NNP74432031	8
NNP03025031	13	NNP336700GL	50	NNP48252S	42	NNP72430031	7	NNP74433031	8
NNP03026031	13	NNP33850GL	51	NNP48253D	41	NNP72431031	7	NNP80010031	54
NNP03111031	13	NNP33851GL	51	NNP48253S	42	NNP72432031	7	NNP80050031	54
NNP04111031	13	NNP33912K031	48	NNP48254D	41	NNP72434031	7	NNP80903K031	36
NNP04112031	13	NNP33932K031	48	NNP48254S	42	NNP72435031	7	NNP80904K031	36
NNP04113031	13	NNP33942K031	48	NNP48432D	41	NNP72436031	7	NNP80905K031	36
NNP04114031	13	NNP34360GL	53	NNP48432S	42	NNP72437031	7	NNP80906K031	36
NNP04115031	13	NNP34650GL	51	NNP48433D	41	NNP72442031	7	NNP81010031	54
NNP04121031	13	NNP34650GL	51	NNP48433S	42	NNP73183031	6	NNP81050031	54
NNP04122031	13	NNP34850GL	51	NNP48434D	41	NNP73184031	6	NNP81610	54
NNP04123031	13	NNP34851GL	51	NNP48434S	42	NNP73185031	6	NNP81650	54
NNP04124031	13	NNP34915K031	48	NNP48442D	41	NNP73186031	6	NNP85211	20
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NNP04126031	13	NNP34945K031	48	NNP48443D	41	NNP73226031	8	NNP85231	20
NNP04411031	13	NNP35850GL	51	NNP48443S	42	NNP73227031	8	NNP85251	20
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NNP11742GL	46	NNP35939K031	48	NNP48444CN	40	NNP73229031	8	NNP85422	19
NNP11743GL	46	NNP35949K031	48	NNP48444D	41	NNP73230031	8	NNP85432	19
NNP12744GL	46	NNP42010	55	NNP48444S	42	NNP73231031	8	NNP85452	19
NNP14745GL	46	NNP42011	55	NNP48452D	41	NNP73232031	8	NNP90300GL	52
NNP22912031	2	NNP42012	55	NNP48452S	42	NNP73238031	8	NNP91300GL	52
NNP22922031	2	NNP48032D	41	NNP48453D	41	NNP73290K031	5	NNP92300GL	52
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NNP22942031	2	NNP48033D	41	NNP48454D	41	NNP73292K031	5	NNP93400GL	52
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NNP23294K031	5	NNP48042S	42	NNP48633S	42	NNP73297K031	5	NNP94420031	14
NNP24912031	2	NNP48043D	41	NNP48634D	41	NNP73298K031	5	NNP94421031	14
NNP24922031	2	NNP48043S	42	NNP48634S	42	NNP73425031	8	NNP94430031	14
NNP24932031	2	NNP48044D	41	NNP48642D	41	NNP73426031	8	NNP95202	44
NNP24942031	2	NNP48044S	42						

Item No.	Page	Item No.	Page
XNTS52481DLJ9031	4	ZNP84923031	36
XNTS52481TLJ9031	4	ZNP84940031	36
XNTS52482DLJ9031	4	ZNP84941031	36
XNTS52482TLJ9031	4	ZNP84942031	36
XNTS52483DLJ9031	4	ZNP84943031	36
XNTS52483TLJ9031	4		
XNTS62001B101031	12		
XNTS62001B151031	12		
XNTS62001B201031	12		
XNTS62001W101031	12		
XNTS62001W151031	12		
XNTS62001W201031	12		
XNTS62002B101031	12		
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XNTS62513B200031	12		
XNW			
XNTS62516W200031	12		
XNTS62517W200031	12		
XNTS62518W200031	12		
YNP			
YNP9010BL	13		
YNP9010WH	13		
ZNP			
ZNP84920031	36		
ZNP84921031	36		
ZNP84922031	36		

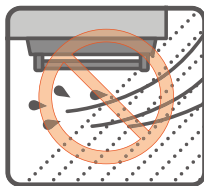
Precautions on Using LED Base Lighting

⚠ Safety Warnings

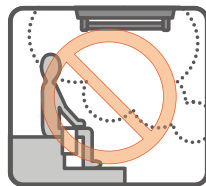
- Lighting fixtures have a limited service life. Even if there are no changes to the appearance, after 10 years has passed from installation, the interior parts are deteriorating. Please inspect and replace your lighting fixtures.
- Before using, read the "Instruction Manual" carefully, or use the lighting fixtures carefully following consultation with the retailer or a construction specialist.
- Some products come with a warning seal affixed for how to use the product safely. Please use the product correctly after checking this seal.
- Please use Panasonic LED lamps for the straight tube LED lamp mounted base light.

* Please follow the guidelines below concerning prohibited installation locations and construction details. Improper use may result in the fixtures falling, electric shock, or fire. There are also individual warnings for the lighting fixtures, so please check these with the approval diagram or the like.

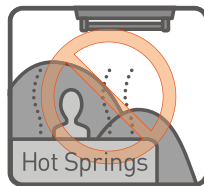
Prohibited Installation Areas for LED Indoor Use Fixtures



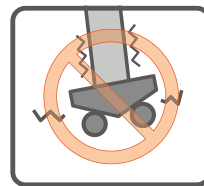
» Locations where rain falls. Locations below the rainfall depth line or where rain may fall.



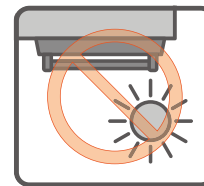
» In commercial baths, saunas, or any locations that constantly have high temperature and high humidity (35°C or higher, 85% humidity or higher).



» Locations where corrosive gases are generated, such as hot springs.



» Locations that are subject to vibration or frequent shocks.



» Locations where sunlight directly strikes the fixtures.

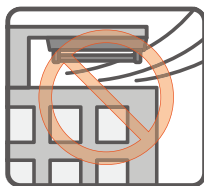
» These are indoor-only fixtures.

» If there are instructions regarding the direction of mounting, please be certain to mount the lighting in the direction instructed.

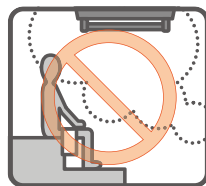
Warnings During Construction of LED Indoor Lighting

» Depending on the number of LEDs installed or the fixture configuration, some LED fixtures may experience more current leakage than conventional fluorescent light fixtures. Fixtures such as these have a limit for number of sets installed written in the approval diagram, so please check this in advance.

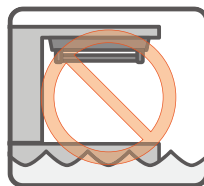
Prohibited Installation Areas for LED Water-proof Fixtures



» Roofs of buildings with no windbreaks, mountain ridges, bridges, and other very windy places.



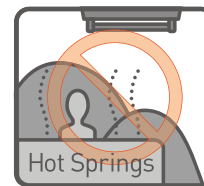
» In commercial baths, saunas, or anywhere that constantly has high temperature and high humidity (35°C or higher, 85% humidity or higher).



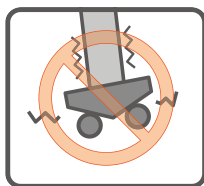
» Locations that suffer salt damage from ocean breezes, such as coastal areas.



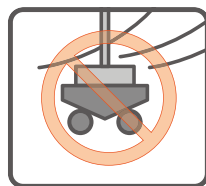
» Locations exposed to chlorine gas, such as swimming pools.



» Locations where corrosive gases are generated, such as hot springs.



» Locations that are subject to vibration or frequent shocks.



» Locations subject to wind and rain from behind, due to channel mounting or similar. (Fuji type, wall lights, ceiling lights, brackets, etc.)

» If there are instructions regarding the direction of mounting, please be certain to mount the lighting in the direction instructed.



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Specification are subject to change without notice • 2024