Professional Lighting Fixtures

Panasonic LED
Lighting the way to a better world

Light does not only illuminate objects. It also dramatically enhances the atmosphere of living spaces as well as allows for the occupants to feel more relaxed and at ease. LED lighting, in particular, offers greater energy savings along with higher color rendering properties, opening up a new realm of possibilities.

For over 80 years, Panasonic has continued to advance lighting in terms of technology, quality, and design methods for spaces. Panasonic now enjoys a proven track record as a trusted, first-choice brand of lighting products in Japan.*

“Panasonic LED” will continue to achieve greater energy savings while enriching various living spaces and urban environments around the world.

Experience for yourself how our LED lighting products add value to any application.

*Panasonic survey in 2017
Panasonic’s UNIQUE PROFESSIONAL ASSISTANCE

Panasonic Professional Lighting offers 3 core values; Beauty, Comfort, and Reliability.
In addition to the 3 core values 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.

Light Engineering Support
Panasonic provides professional lighting using it’s unique technical know-how.

01. Planning and basic design
- Creating the lighting concept
- A sketched image of the proposal
- Collaboration 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 lamps 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
Glare reduced by half

Although some conventional down lights do reduce glare, they do not reduce glare when the lens panel is in direct sight. The optical design of the new model reduces the glare while increasing the efficiency of lighting. This design suppresses the glare from the lens to approximately 1/2 when the user sees the lens.

### 10000 lm TYPE ~ 3500 lm TYPE

<table>
<thead>
<tr>
<th>Conventional model</th>
<th>New model</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Conventional model" /></td>
<td><img src="image2" alt="New model" /></td>
</tr>
</tbody>
</table>

### 2000 lm TYPE ~ 1000 lm TYPE

<table>
<thead>
<tr>
<th>Conventional model</th>
<th>New model</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3" alt="Conventional model" /></td>
<td><img src="image4" alt="New model" /></td>
</tr>
</tbody>
</table>

### Glare Cut 15°Type

Highly efficient with importance attached to the brightness. This model keeps the height of the embedded fixture low and is recommended for room renovations.

### Glare Cut 30°Type

The light emitting part is set in a deep position that cuts the direct light of the LED, thus reducing the glare.
Glare Cut 15° Type

16000 lm TYPE

CRI 85

5000K
- Body: ND798653K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

4000K
- Body: ND798654K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

3500K
- Body: ND798655K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

3000K
- Body: ND798656K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

12000 lm TYPE

CRI 85

5000K
- Body: ND998685K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

4000K
- Body: ND998686K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

3500K
- Body: ND998687K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

3000K
- Body: ND998688K +Driver: NNK9002N L9 R
- Cut-out: 200
- Date: 5000K

10000 lm TYPE

CRI 85

5000K
- Body: ND906053K +Driver: NNK9001N L9 R
- Cut-out: 200
- Date: 5000K

4000K
- Body: ND906054K +Driver: NNK9001N L9 R
- Cut-out: 200
- Date: 5000K

3500K
- Body: ND906055K +Driver: NNK9001N L9 R
- Cut-out: 200
- Date: 5000K

3000K
- Body: ND906056K +Driver: NNK9001N L9 R
- Cut-out: 200
- Date: 5000K

8000 lm TYPE

CRI 85

5000K
- Body: ND756053K +Driver: NNK75001N L9 R
- Cut-out: 200
- Date: 5000K

4000K
- Body: ND756054K +Driver: NNK75001N L9 R
- Cut-out: 200
- Date: 5000K

3500K
- Body: ND756055K +Driver: NNK75001N L9 R
- Cut-out: 200
- Date: 5000K

3000K
- Body: ND756056K +Driver: NNK75001N L9 R
- Cut-out: 200
- Date: 5000K

- Weight: 4.7kg
- Power voltage: 100~242V
- Reflector(Top): Aluminum, silver specular finish
- Reflector(Bottom): Aluminum, silver specular finish
- Trim: Steel sheet, white matte finish
- Life of light source: 60000 hours (L80)

- Weight: 3.6kg
- Power voltage: 100~242V
- Reflector(Top): Aluminum, silver specular finish
- Reflector(Bottom): Aluminum, silver specular finish
- Trim: Steel sheet, white matte finish
- Life of light source: 60000 hours (L80)

- Weight: 1.3kg
- Power voltage: 100~242V
- Reflector(Top): Plastic, white
- Reflector(Bottom): Aluminum, silver specular finish
- Trim: Steel sheet, white matte finish
- Life of light source: 60000 hours (L80)

- Weight: 1.3kg
- Power voltage: 100~242V
- Reflector(Top): Plastic, white
- Reflector(Bottom): Aluminum, silver specular finish
- Trim: Steel sheet, white matte finish
- Life of light source: 60000 hours (L80)
### Commercial Down Light

#### Glare Cut 15° Type

#### 5500 lm TYPE

<table>
<thead>
<tr>
<th>CRI 85</th>
<th>5000K</th>
<th>4000K</th>
<th>3500K</th>
<th>3000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>XD55505SNLZ9</td>
<td>XD55505SNLZ9</td>
<td>XD55505SNLZ9</td>
<td>XD55505SNLZ9</td>
</tr>
<tr>
<td>Power</td>
<td>4200 lm</td>
<td>4150 lm</td>
<td>4100 lm</td>
<td>4050 lm</td>
</tr>
<tr>
<td>Voltage</td>
<td>100–242V</td>
<td>100–242V</td>
<td>100–242V</td>
<td>100–242V</td>
</tr>
<tr>
<td>Weight</td>
<td>0.6 kg</td>
<td>0.6 kg</td>
<td>0.6 kg</td>
<td>0.6 kg</td>
</tr>
</tbody>
</table>

- Power voltage: 100–242V
- Reflector(Top): Plastic, white
- Reflector(Bottom): Aluminum, silver specular finish
- Trim: Steel sheet, white matte finish
- Life of light source: 60000 hours (L80)

#### 4000 lm TYPE

<table>
<thead>
<tr>
<th>CRI 85</th>
<th>5000K</th>
<th>4000K</th>
<th>3500K</th>
<th>3000K</th>
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</thead>
<tbody>
<tr>
<td>Body</td>
<td>XD35505SNLZ9</td>
<td>XD35505SNLZ9</td>
<td>XD35505SNLZ9</td>
<td>XD35505SNLZ9</td>
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<tr>
<td>Power</td>
<td>4000 lm</td>
<td>3950 lm</td>
<td>3900 lm</td>
<td>3850 lm</td>
</tr>
<tr>
<td>Voltage</td>
<td>100–242V</td>
<td>100–242V</td>
<td>100–242V</td>
<td>100–242V</td>
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<tr>
<td>Weight</td>
<td>0.8 kg</td>
<td>0.8 kg</td>
<td>0.8 kg</td>
<td>0.8 kg</td>
</tr>
</tbody>
</table>

- Power voltage: 100–242V
- Reflector(Top): Plastic, white
- Reflector(Bottom): Aluminum, silver specular finish
- Trim: Steel sheet, white matte finish
- Life of light source: 60000 hours (L80)

#### 2000 lm TYPE

<table>
<thead>
<tr>
<th>CRI 85</th>
<th>5000K</th>
<th>4000K</th>
<th>3500K</th>
<th>3000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>XD25000WLLE9</td>
<td>XD25000WLLE9</td>
<td>XD25000WLLE9</td>
<td>XD25000WLLE9</td>
</tr>
<tr>
<td>Power</td>
<td>2000 lm</td>
<td>1950 lm</td>
<td>1900 lm</td>
<td>1850 lm</td>
</tr>
<tr>
<td>Voltage</td>
<td>100–242V</td>
<td>100–242V</td>
<td>100–242V</td>
<td>100–242V</td>
</tr>
<tr>
<td>Weight</td>
<td>0.4 kg</td>
<td>0.4 kg</td>
<td>0.4 kg</td>
<td>0.4 kg</td>
</tr>
</tbody>
</table>

- Power voltage: 100–242V
- Reflector(Top): Plastic, white
- Reflector(Bottom): Aluminum die-casting, white matte finish
- Trim: Aluminum die-casting, white matte finish
- Life of light source: 40000 hours (L85)

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Note: The required recessed height for installation is more than 130mm.
### Commercial Down Light

#### Glare Cut 15° Type

**1800 lm TYPE**

- **5000K**
  - XND2000WLE9
    - Body: NDN27000W + Driver: NNK20001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **4000K**
  - XND2000WLE9
    - Body: NDN27000W + Driver: NNK20001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **3500K**
  - XND2000WLE9
    - Body: NDN27000W + Driver: NNK20001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **3000K**
  - XND2000WLE9
    - Body: NDN27000W + Driver: NNK20001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **2700K**
  - XND2000WLE9
    - Body: NDN27000W + Driver: NNK20001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

**1500 lm TYPE**

- **5000K**
  - XND1500WLE9
    - Body: NDN16000W + Driver: NNK16001N LE9
    - Cut-out: 2700K XND1500WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **4000K**
  - XND1500WLE9
    - Body: NDN16000W + Driver: NNK16001N LE9
    - Cut-out: 2700K XND1500WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **3500K**
  - XND1500WLE9
    - Body: NDN16000W + Driver: NNK16001N LE9
    - Cut-out: 2700K XND1500WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **3000K**
  - XND1500WLE9
    - Body: NDN16000W + Driver: NNK16001N LE9
    - Cut-out: 2700K XND1500WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **2700K**
  - XND1500WLE9
    - Body: NDN16000W + Driver: NNK16001N LE9
    - Cut-out: 2700K XND1500WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

**1000 lm TYPE**

- **5000K**
  - XND1000WLE9
    - Body: NDN1000W + Driver: NNK10001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **4000K**
  - XND1000WLE9
    - Body: NDN1000W + Driver: NNK10001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **3500K**
  - XND1000WLE9
    - Body: NDN1000W + Driver: NNK10001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **3000K**
  - XND1000WLE9
    - Body: NDN1000W + Driver: NNK10001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

- **2700K**
  - XND1000WLE9
    - Body: NDN1000W + Driver: NNK10001N LE9
    - Cut-out: 2700K XND1000WY LE9
    - 1000 lm TYPE
    - Date: 5000K
    - CRI 85

#### Notes:
- **Weight**: 0.6kg
- **Power voltage**: 100–242V
- **Reflector(Top)**: Plastic, white
- **Reflector(Bottom)**: Aluminum die-casting, white matte finish
- **Trim**: Aluminum die-casting, white matte finish
- **Life of light source**: 40000 hours (L85)

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**Maintenance factor** 1.0 K0158700 (Unit: lx)

**Maintenance factor** 1.0 K0158867 (Unit: lx)

**Maintenance factor** 1.0 K0158967 (Unit: lx)

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**Trim**: Aluminum die-casting, white matte finish

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**Reflector(Top)**: Plastic, white

**Reflector(Bottom)**: Aluminum die-casting, white matte finish

**Weight**: 0.6kg

**Life of light source**: 40000 hours (L85)
Commercial Down Light
Glare Cut 30° Type

15000 lm TYPE

- **5000K**
  - **XND99785NK LR9**
    - Body: NDY9785NK + Driver: NKK09202N LR9
    - 1135 lm 11.0W 100 lm/W
  - **4000K**
    - **XND99785WK LR9**
      - Body: NDY9785WK + Driver: NKK09202N LR9
      - 1135 lm 11.0W 100 lm/W
  - **3500K**
    - **XND99788VK LR9**
      - Body: NDY9788VK + Driver: NKK09202N LR9
      - 1135 lm 11.0W 100 lm/W
  - **3000K**
    - **XND99788SLK LR9**
      - Body: NDY9788SLK + Driver: NKK09202N LR9
      - 1135 lm 11.0W 100 lm/W

- **Power voltage**: 100–242V
- **Reflector(Top)**: Aluminum, silver specular finish
- **Reflector(Bottom)**: Aluminum, silver specular finish
- **Trim**: Steel sheet, white matte finish
- **Life of light source**: 60000 hours (L80)

- **Weight**: 4.8kg

11000 lm TYPE

- **5000K**
  - **XND99685NK LR9**
    - Body: NDY9665NK + Driver: NKK09002N LR9
    - 1135 lm 11.0W 100 lm/W
  - **4000K**
    - **XND99686WK LR9**
      - Body: NDY9666WK + Driver: NKK09002N LR9
      - 1135 lm 11.0W 100 lm/W
  - **3500K**
    - **XND99686VK LR9**
      - Body: NDY9666VK + Driver: NKK09002N LR9
      - 1135 lm 11.0W 100 lm/W
  - **3000K**
    - **XND99686SLK LR9**
      - Body: NDY9666SLK + Driver: NKK09002N LR9
      - 1135 lm 11.0W 100 lm/W

- **Power voltage**: 100–242V
- **Reflector(Top)**: Aluminum, silver specular finish
- **Reflector(Bottom)**: Aluminum, silver specular finish
- **Trim**: Steel sheet, white matte finish
- **Life of light source**: 60000 hours (L80)

- **Weight**: 3.7kg

9000 lm TYPE

- **5000K**
  - **XND90625NLZ9**
    - Body: NDY0665NL + Driver: NKK76001N LR9
    - 1135 lm 11.0W 100 lm/W
  - **4000K**
    - **XND90626NLZ9**
      - Body: NDY0666NL + Driver: NKK76001N LR9
      - 1135 lm 11.0W 100 lm/W
  - **3500K**
    - **XND90626VLZ9**
      - Body: NDY0666VL + Driver: NKK76001N LR9
      - 1135 lm 11.0W 100 lm/W

- **Power voltage**: 100–242V
- **Reflector(Top)**: Plastic, white
- **Reflector(Bottom)**: Aluminum, silver specular finish
- **Trim**: Steel sheet, white matte finish
- **Life of light source**: 60000 hours (L80)

- **Weight**: 1.4kg

7000 lm TYPE

- **5000K**
  - **XND75625NLZ9**
    - Body: NDY7665NL + Driver: NKK76001N LR9
    - 1135 lm 11.0W 100 lm/W
  - **4000K**
    - **XND75626NLZ9**
      - Body: NDY7666NL + Driver: NKK76001N LR9
      - 1135 lm 11.0W 100 lm/W
  - **3500K**
    - **XND75626VLZ9**
      - Body: NDY7666VL + Driver: NKK76001N LR9
      - 1135 lm 11.0W 100 lm/W

- **Power voltage**: 100–242V
- **Reflector(Top)**: Plastic, white
- **Reflector(Bottom)**: Aluminum, silver specular finish
- **Trim**: Steel sheet, white matte finish
- **Life of light source**: 60000 hours (L80)

- **Weight**: 1.4kg
Commercial Down Light

Glare Cut 30° Type

5000 lm TYPE

5000K
Body: XND5552SNLZ9
Driver: NNK55001N LZ9
Lm: 5460 lm
W: 42.9 lm/W

4000K
Body: XND5552SWLZ9
Driver: NNK55001N LZ9
Lm: 5455 lm
W: 42.9 lm/W

3500K
Body: XND5552SVLZ9
Driver: NNK55001N LZ9
Lm: 5395 lm
W: 42.4 W

3000K
Body: XND5552SLLZ9
Driver: NNK55001N LZ9
Lm: 5155 lm
W: 42.4 W

CRI 85
Maintenance factor: 1.0 K0160520 (Unit: lx)

5000 lm TYPE

5000K
Body: XND3552SNLZ9
Driver: NNK55001N LZ9
Lm: 3865 lm
W: 30.7 W

4000K
Body: XND3552SWLZ9
Driver: NNK55002N LZ9
Lm: 3835 lm
W: 30.7 W

3500K
Body: XND3552SVLZ9
Driver: NNK55002N LZ9
Lm: 3805 lm
W: 30.7 W

3000K
Body: XND3552SLLZ9
Driver: NNK55002N LZ9
Lm: 3635 lm
W: 30.7 W

3500 lm TYPE

5000K
Body: XND3552SNLZ9
Driver: NNK55001N LZ9
Lm: 3865 lm
W: 30.7 W

4000K
Body: XND3552SWLZ9
Driver: NNK55002N LZ9
Lm: 3835 lm
W: 30.7 W

3500K
Body: XND3552SVLZ9
Driver: NNK55002N LZ9
Lm: 3805 lm
W: 30.7 W

3000K
Body: XND3552SLLZ9
Driver: NNK55002N LZ9
Lm: 3635 lm
W: 30.7 W

• Weight 1.1kg
• Power voltage: 100–242V
• Reflector (Top): Plastic, white
• Reflector (Bottom): Aluminum, silver specular finish
• Trim: Steel sheet, white matte finish
• Life of light source: 60000 hours (L80)

• Weight 0.9kg
• Power voltage: 100–242V
• Reflector (Top): Plastic, white
• Reflector (Bottom): Aluminum, silver specular finish
• Trim: Steel sheet, white matte finish
• Life of light source: 60000 hours (L80)
A single model has made it possible to perform spatial lighting suitable for each application, including wall and floor washing of light.

Possible to suppress light shielding caused by the frame and illuminate a wide area brightly.

A fixture does not stick out if the surface of ceiling when it is bent and its glare is reduced.

Adopting use of a hybrid fresnel lens for beautiful and refined light.

Three features that complement both the improvement of central luminous intensity and the reduction of glare.

1. Providing a lens surface with a reflective plate to control light without waste.
2. Achieving a deeper glare cut by setting the diffusion surface of the light in a deeper position.
3. The inner surface of the lens is designed with dimples and ribs to eliminates the light unevenness on illuminated surfaces, thus suppressing light diffusion on the lens surface and reducing glare.
Adjustable Down Light

### 3500 lm TYPE [CRI 85] / 2800 lm TYPE [CRI 95]

#### CRI 85
- **400K**
  - NTS65121W (3435 lm 41.6W 83.5 lm/W)
  - NTS65122W (3560 lm 41.6W 83.7 lm/W)
  - NTS65123W (3700 lm 41.6W 83.9 lm/W)
- **350K**
  - NTS65126W (3745 lm 41.6W 83.8 lm/W)
  - NTS65127W (3870 lm 41.6W 84.0 lm/W)
  - NTS65128W (3995 lm 41.6W 84.2 lm/W)

#### CRI 95
- **400K**
  - NTS65121W (3580 lm 41.6W 84.0 lm/W)
  - NTS65122W (3705 lm 41.6W 84.2 lm/W)
  - NTS65123W (3840 lm 41.6W 84.5 lm/W)
- **350K**
  - NTS65126W (3865 lm 41.6W 84.6 lm/W)
  - NTS65127W (4000 lm 41.6W 84.8 lm/W)
  - NTS65128W (4135 lm 41.6W 85.0 lm/W)

### 2400 lm TYPE [CRI 85] / 1900 lm TYPE [CRI 95]

#### CRI 85
- **400K**
  - NTS63121W (2435 lm 27.3W 82.5 lm/W)
  - NTS63122W (2560 lm 27.3W 82.7 lm/W)
  - NTS63123W (2695 lm 27.3W 82.9 lm/W)
- **350K**
  - NTS63126W (2780 lm 27.3W 83.1 lm/W)
  - NTS63127W (2905 lm 27.3W 83.3 lm/W)
  - NTS63128W (3025 lm 27.3W 83.5 lm/W)

#### CRI 95
- **400K**
  - NTS63121W (2580 lm 27.3W 83.0 lm/W)
  - NTS63122W (2705 lm 27.3W 83.2 lm/W)
  - NTS63123W (2830 lm 27.3W 83.4 lm/W)
- **350K**
  - NTS63126W (2920 lm 27.3W 83.6 lm/W)
  - NTS63127W (3045 lm 27.3W 83.8 lm/W)
  - NTS63128W (3170 lm 27.3W 84.0 lm/W)

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Central luminous intensity(cd)

- **3500 lm**
  - NTS65121W: 47040 cd
  - NTS65122W: 47560 cd
  - NTS65123W: 48080 cd

- **2400 lm**
  - NTS63121W: 32535 cd
  - NTS63122W: 33055 cd
  - NTS63123W: 33575 cd

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Note: Please use it with NTS90551.LZ9

**Driver**

- NTS90551.LZ9

**Central luminous intensity(cd)**

- **3500 lm**
  - NTS65121W: 47040 cd
  - NTS65122W: 47560 cd
  - NTS65123W: 48080 cd

- **2400 lm**
  - NTS63121W: 32535 cd
  - NTS63122W: 33055 cd
  - NTS63123W: 33575 cd
Adjustable Down Light

1700 lm TYPE [CRI 85] / 1300 lm TYPE [CRI 95]

- **CRI 85**
  - **4000K**
    - NTS62171W
      - (1495 lm) 18.9W 89.6 lm/W)
    - NTS62181W
      - (1770 lm) 18.9W 93.4 lm/W)
  - **3500K**
    - NTS62172W
      - (1570 lm) 18.9W 88.3 lm/W)
    - NTS62182W
      - (1745 lm) 18.9W 92.0 lm/W)
  - **3000K**
    - NTS62173W
      - (1630 lm) 18.9W 86.2 lm/W)
    - NTS62183W
      - (1700 lm) 18.9W 85.9 lm/W)

- **CRI 95**
  - **4000K**
    - NTS62176W
      - (1355 lm) 18.9W 71.4 lm/W)
    - NTS62186W
      - (1415 lm) 18.9W 74.8 lm/W)
  - **3500K**
    - NTS62177W
      - (1330 lm) 18.9W 70.3 lm/W)
    - NTS62187W
      - (1385 lm) 18.9W 73.2 lm/W)
  - **3000K**
    - NTS62178W
      - (1295 lm) 18.9W 68.5 lm/W)
    - NTS62188W
      - (1350 lm) 18.9W 71.4 lm/W)

1000 lm TYPE [CRI 85] / 800 lm TYPE [CRI 95]

- **CRI 85**
  - **4000K**
    - NTS61121W
      - (1560 lm) 15.4W 68.1 lm/W)
    - NTS61131W
      - (1630 lm) 15.4W 67.2 lm/W)
  - **3500K**
    - NTS61122W
      - (1530 lm) 15.4W 66.2 lm/W)
    - NTS61132W
      - (1610 lm) 15.4W 65.3 lm/W)
  - **3000K**
    - NTS61123W
      - (925 lm) 15.4W 48.4 lm/W)
    - NTS61133W
      - (975 lm) 15.4W 49.3 lm/W)

- **CRI 95**
  - **4000K**
    - NTS61126W
      - (840 lm) 15.4W 54.5 lm/W)
    - NTS61136W
      - (825 lm) 15.4W 53.5 lm/W)
  - **3500K**
    - NTS61127W
      - (825 lm) 15.4W 53.5 lm/W)
    - NTS61137W
      - (815 lm) 15.4W 52.5 lm/W)
  - **3000K**
    - NTS61128W
      - (805 lm) 15.4W 52.2 lm/W)
    - NTS61138W
      - (790 lm) 15.4W 51.2 lm/W)

Central luminous intensity(cd)

- **1700 lm TYPE [CRI 85] / 1300 lm TYPE [CRI 95]**
  - **18°**
    - 1440 cd
    - 1310 cd
    - 1180 cd
  - **34°**
    - 640 cd
    - 575 cd
    - 515 cd

- **1000 lm TYPE [CRI 85] / 800 lm TYPE [CRI 95]**
  - **18°**
    - 1290 cd
    - 1160 cd
    - 1030 cd
  - **30°**
    - 605 cd
    - 535 cd
    - 470 cd

- **Note:** Please use it with NTS90201 LE9

- **Driver**
  - NTS90200 LE9
    - Weight: 0.3kg

- **Note:** Please use it with NTS90201 LE9

- **Driver**
  - NTS90201 LE9
    - Weight: 0.3kg
## Adjustable Down Light

### 800 lm TYPE (CRI 85) / 700 lm TYPE (CRI 95)

<table>
<thead>
<tr>
<th></th>
<th>18°</th>
<th>30°</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image1.png" alt="Diagram" /></td>
<td><img src="image2.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRI</th>
<th>Luminous Intensity (cd)</th>
<th>NTS61121W</th>
<th>NTS61122W</th>
<th>NTS61123W</th>
<th>NTS61126W</th>
<th>NTS61127W</th>
<th>NTS61128W</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000K</td>
<td>880 lm 12W 71.6 lm/W</td>
<td>(880 lm 12W 73.3 lm/W)</td>
<td>(880 lm 12W 71.6 lm/W)</td>
<td>(880 lm 12W 71.6 lm/W)</td>
<td>(840 lm 12W 67.9 lm/W)</td>
<td>(700 lm 12W 58.1 lm/W)</td>
<td>(690 lm 12W 56.6 lm/W)</td>
</tr>
<tr>
<td>3500K</td>
<td>860 lm 12W 76.6 lm/W</td>
<td>(860 lm 12W 71.6 lm/W)</td>
<td>(860 lm 12W 76.6 lm/W)</td>
<td>(860 lm 12W 76.6 lm/W)</td>
<td>(815 lm 12W 67.9 lm/W)</td>
<td>(690 lm 12W 58.1 lm/W)</td>
<td>(690 lm 12W 56.6 lm/W)</td>
</tr>
<tr>
<td>3000K</td>
<td>830 lm 12W 69.1 lm/W</td>
<td>(830 lm 12W 69.1 lm/W)</td>
<td>(830 lm 12W 69.1 lm/W)</td>
<td>(830 lm 12W 69.1 lm/W)</td>
<td>(815 lm 12W 67.9 lm/W)</td>
<td>(675 lm 12W 56.2 lm/W)</td>
<td>(660 lm 12W 55.0 lm/W)</td>
</tr>
</tbody>
</table>

### Driver

- **NTS90151 LE9**
- **Power voltage:** 100–242V
- **Body:** Aluminum die-casting, white matte finish
- **Trim:** Aluminum die-casting, white matte finish
- **Life of light source:** 40000 hours (L70)

**Note:** Please use it with NTS90151 LE9

- **Weight:** 0.5kg

---

### Central Luminous Intensity (cd)

- **15935 cd**
- **[CRI 85/4000K]**

### Additional Notes

- **Weight:** 0.3kg

---

### Dimensions

- **4000K:**
  - NTS61121W: 45 x 1525 x 735 ㎜
  - NTS61122W: 45 x 1525 x 735 ㎜
  - NTS61123W: 45 x 1525 x 735 ㎜
  - NTS61126W: 45 x 1525 x 735 ㎜
  - NTS61127W: 45 x 1525 x 735 ㎜
  - NTS61128W: 45 x 1525 x 735 ㎜

- **3500K:**
  - NTS61132W: 45 x 1525 x 735 ㎜
  - NTS61133W: 45 x 1525 x 735 ㎜
  - NTS61136W: 45 x 1525 x 735 ㎜
  - NTS61137W: 45 x 1525 x 735 ㎜
  - NTS61138W: 45 x 1525 x 735 ㎜

- **3000K:**
  - NTS61131W: 45 x 1525 x 735 ㎜
  - NTS61132W: 45 x 1525 x 735 ㎜
  - NTS61133W: 45 x 1525 x 735 ㎜
  - NTS61136W: 45 x 1525 x 735 ㎜
  - NTS61137W: 45 x 1525 x 735 ㎜
  - NTS61138W: 45 x 1525 x 735 ㎜
Canopy Down Light

Quality for down lights used for canopy.

Using a driver designed for canopy that are prone to condensation due to the temperature differences with the outdoor air. In addition, the fixation of the fixture with the slide metal fitting and the reflector plate with screws are designed to secure the position of the fixture and prevent displacement from being affected by the wind and rain.

### 5000 lm TYPE

<table>
<thead>
<tr>
<th>CRI 85</th>
<th>1800 lm TYPE</th>
<th>1400 lm TYPE</th>
<th>900 lm TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000K</td>
<td>XNW5580WLZ9</td>
<td>XNW2061WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>4000K</td>
<td>XNW5580WLZ9</td>
<td>XNW2061WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>3500K</td>
<td>XNW5580WLZ9</td>
<td>XNW2061WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>3000K</td>
<td>XNW5580WLZ9</td>
<td>XNW2061WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
</tbody>
</table>

### 3500 lm TYPE

<table>
<thead>
<tr>
<th>CRI 85</th>
<th>1800 lm TYPE</th>
<th>1400 lm TYPE</th>
<th>900 lm TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000K</td>
<td>XNW3580WLZ9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>4000K</td>
<td>XNW3580WLZ9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>3500K</td>
<td>XNW3580WLZ9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>3000K</td>
<td>XNW3580WLZ9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
</tbody>
</table>

### 3000 lm TYPE

<table>
<thead>
<tr>
<th>CRI 85</th>
<th>1800 lm TYPE</th>
<th>1400 lm TYPE</th>
<th>900 lm TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000K</td>
<td>XNW1561WLLE9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>4000K</td>
<td>XNW1561WLLE9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>3500K</td>
<td>XNW1561WLLE9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
<tr>
<td>3000K</td>
<td>XNW1561WLLE9</td>
<td>XNW1561WLLE9</td>
<td>XNW1061WLLE9</td>
</tr>
</tbody>
</table>

- **CRI 85**
  - XNW5580WLZ9
  - XNW3580WLZ9
  - XNW5580WLZ9
  - XNW5580WLZ9

- **CRI 85**
  - XNW2061WLLE9
  - XNW1561WLLE9
  - XNW2061WLLE9
  - XNW2061WLLE9

- **CRI 85**
  - XNW1561WLLE9
  - XNW1561WLLE9
  - XNW1561WLLE9
  - XNW1561WLLE9

- **CRI 85**
  - XNW1061WLLE9
  - XNW1061WLLE9
  - XNW1061WLLE9
  - XNW1061WLLE9

**Maintenance factor 1.0 Provisional (Unit: lx)**

- **5000 lm TYPE**
  - Life of light source: 60000 hours (L80)
  - Weight: 1.7kg

- **3500 lm TYPE**
  - Life of light source: 60000 hours (L80)
  - Weight: 1.4kg

- **1800 lm-1400 lm-900 lm TYPE**
  - Life of light source: 40000 hours (L85)
  - Weight: 1.0kg

- **Built-in LED, built-in driver**
- **Power voltage: 100-242V**
- **Rain proof**
- **Reflector(Top): Plastic, white**
- **Trim: Steel sheet, white matte finish**
- **Panel: Acrylic, transparent**
- **The ambient temperature range for the fixture is -10°C-35°C**
Commercial Ceiling Light

Compact and simple design
Significantly compact in comparison with conventional models. Slim design for the ceiling to create a neat space.

Wide variety of model types and color temperatures are available for various kinds of spaces.

### Specifications

- **10000 lm TYPE**
  - CRI 70: NDNN57900 L29 (10535 lm / 77.8 W / 135.4 lm/W)
  - CRI 85: NDNN57700 L29 (8830 lm / 60.8 W / 145.2 lm/W)

- **8000 lm TYPE**
  - CRI 70: NDNN57510 L29 (9530 lm / 77.8 W / 122.4 lm/W)
  - CRI 85: NDNN57710 L29 (7945 lm / 60.8 W / 131.0 lm/W)

- **6000 lm TYPE**
  - CRI 70: NDNN57511 L29 (8855 lm / 48.1 W / 124.5 lm/W)
  - CRI 85: NDNN57711 L29 (7260 lm / 32.0 W / 122.5 lm/W)

- **4000 lm TYPE**
  - CRI 70: NDNN57512 L29 (8180 lm / 48.1 W / 120.6 lm/W)
  - CRI 85: NDNN57712 L29 (6990 lm / 32.0 W / 118.6 lm/W)

- **3500K**
  - CRI 85: NDNN57513 L29 (5660 lm / 48.1 W / 117.6 lm/W)

- **3000K**
  - CRI 85: NDNN57514 L29 (4840 lm / 48.1 W / 115.6 lm/W)

- **Weight**
  - 5.4kg

- **Body**
  - Aluminum die-casting, white matte finish

- **Life of light source**
  - 60,000 hours (L80)

- **Built-in LED, built-in driver**
- **Power voltage:** 100-242V
- **Lens:** Acrylic, transparent

---

**Date:**
- 5000K
- 5000K
- 5000K
- 5000K
**General 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 50mm*, approximately 30% smaller
- Compared to the conventional V-shape lamp, it is approximately 30% smaller. *i-style, D-style

### Sleek and stylish design.
- Sleek and stylish design due to there being no screws and latches on the fixture’s surface.

### The light bar is specifically shaped and coated to avoid any waste of light.
- 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.

---

### Comparison of ‘FL36W x 2 lamps’ and ‘iD series’

<table>
<thead>
<tr>
<th></th>
<th>Power consumption</th>
<th>System efficacy</th>
<th>Illuminance distribution chart</th>
</tr>
</thead>
<tbody>
<tr>
<td>2xFL36W V-shape</td>
<td>80.0 W</td>
<td>50 lm/W</td>
<td>Average illuminance 520 lx</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total power consumption: 80.0W x 48 Units=3,840W</td>
</tr>
<tr>
<td>D-style, 4000 lm, 5000K NNLK41515+NNL4400ENTLE9</td>
<td>25.0 W</td>
<td>160 lm/W</td>
<td>Average illuminance 520 lx</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total power consumption: 25.0W x 48 Units=1,200W</td>
</tr>
<tr>
<td>D-style, 6900 lm, 5000K NNLK41515+NNL6600ENZLE9</td>
<td>43.1 W</td>
<td>160 lm/W</td>
<td>Average illuminance 548 lx</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total power consumption: 43.1W x 30 Units=1,293W</td>
</tr>
</tbody>
</table>
Direct-mount type, D-style

- Weight: 2.0kg
  - Note: Photo and size descriptions: body+light bar

Fixtures Body No.
- Light Bar
- Non-Dimmable
- Dimmable

6900 lm Type
- NNL4600EDZE
  - (4600 lm 6500K)
- NNL4600ENZE
  - (4600 lm 5000K)
- NNL4600EWZE
  - (4600 lm 4000K)

5200 lm Type
- NNL4500EDZE
  - (4500 lm 6500K)
- NNL4500ENZE
  - (4500 lm 5000K)
- NNL4500EWZE
  - (4500 lm 4000K)

4000 lm Type
- NNL4400EDTE
  - (4400 lm 6500K)
- NNL4400ENTE
  - (4400 lm 5000K)
- NNL4400EWT
  - (4400 lm 4000K)

2000 lm Type
- NNL4100EDZE
  - (4100 lm 6500K)
- NNL4100ENZE
  - (4100 lm 5000K)
- NNL4100EWEZ
  - (4100 lm 4000K)

Note:
- ProductswiththesamemodelmayhavedifferentluminouscolorsorbrightnessbecauseLEDshavesomevariations.

Note:
- When ordering these particular models, please order by the individual body model number and the individual light bar model number.
- Dimmable model: PWM dimming

• Built-in LED, built-in driver
• Power voltage: 100-240V
• Body: Sheet steel with white coating
• Light bar [cover]: Polycarbonate, milky white
• Life of light source: 40000 hours [L85]

Direct-mount type, Reflector type

- Weight: 2.1kg
  - Note: Photo and size descriptions: body+light bar

Fixtures Body No.
- Light Bar
- Non-Dimmable
- Dimmable

6900 lm Type
- NNL4600EDZE
  - (4600 lm 6500K)
- NNL4600ENZE
  - (4600 lm 5000K)
- NNL4600EWZE
  - (4600 lm 4000K)

5200 lm Type
- NNL4500EDZE
  - (4500 lm 6500K)
- NNL4500ENZE
  - (4500 lm 5000K)
- NNL4500EWZE
  - (4500 lm 4000K)

4000 lm Type
- NNL4400EDTE
  - (4400 lm 6500K)
- NNL4400ENTE
  - (4400 lm 5000K)
- NNL4400EWT
  - (4400 lm 4000K)

2000 lm Type
- NNL4100EDZE
  - (4100 lm 6500K)
- NNL4100ENZE
  - (4100 lm 5000K)
- NNL4100EWEZ
  - (4100 lm 4000K)

Note:
- This fixture satisfies the performance in combination with the body and light bar for Panasonic ID-series.
- Do not use the light bar by itself or combine with different products from Panasonic ID-series.
- This fixture is designed for general indoor use. Do not use this fixture outdoors (including semi-outdoor conditions such as under eaves) or a place where the fixture is exposed to corrosive gas or direct sunlight.
- Products with the same model number may have different luminous colors or brightness because LEDs have some variations.
General Base Light (ID series)

**Direct-mount type, i-style**

<table>
<thead>
<tr>
<th>Fixtures Body No.</th>
<th>Light Bar</th>
<th>Type</th>
<th>CRI</th>
<th>LM</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>NNL2100ED LE9</td>
<td>Non-Dimmable</td>
<td>83</td>
<td>1600</td>
<td>12W</td>
<td>1.6kg</td>
</tr>
<tr>
<td>NNL2100ED LA9</td>
<td>Dimmable</td>
<td>83</td>
<td>1600</td>
<td>12W</td>
<td>1.6kg</td>
</tr>
</tbody>
</table>

- **Weight:** 1.6kg
- **Note:** Photo and size descriptions: body+light bar
- **Built-in LED, built-in driver**
- **Powervoltage:** 100-242V
- **Body:** Galvanized steel sheet, high reflecting white powder coating
- **Light bar:** Polycarbonate, milky white + acrylic coating
- **Life of light source:** 40000 hours (L85)
- **IP rating:** 23
- **Powervoltage:** 242V

**Direct-mount type, i-style (IP rating: 23)**

<table>
<thead>
<tr>
<th>Fixtures Body No.</th>
<th>Light Bar</th>
<th>Type</th>
<th>CRI</th>
<th>LM</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>NNLK21051</td>
<td>Non-Dimmable</td>
<td>83</td>
<td>1600</td>
<td>12W</td>
<td>2.6kg</td>
</tr>
<tr>
<td>NNLK41051</td>
<td>Dimmable</td>
<td>83</td>
<td>1600</td>
<td>12W</td>
<td>2.6kg</td>
</tr>
</tbody>
</table>

- **Weight:** 2.6kg
- **Note:** Photo and size descriptions: body+light bar
- **Built-in LED, built-in driver**
- **Powervoltage:** 100-242V
- **Body:** Galvanized steel sheet, high reflecting white powder coating
- **Light bar:** Polycarbonate, milky white + acrylic coating
- **Life of light source:** 40000 hours (L85)
- **IP rating:** 23
- **Powervoltage:** 242V

**Note:**
- **This fixture satisfies the performance in combination with the body and light bar for Panasonic iD series.**
- **Do not use the light bar by itself or combine with different products from Panasonic iD series.**
- **This fixture is designed for general indoor use. Do not use this fixture outdoors (including semi-outdoor conditions such as under eaves) or a place where the fixture is exposed to corrosive gas or direct sunlight.**
- **Products with the same model number may have different luminous colors or brightness because LEDs have some variations.**
Note: Specifications and appearances are subject to change without notice.