

# LED CYLINDER LIGHT V2

Data Sheet Document.

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IP  
20

5Y  
WAR

15-20 W

CRI  
>80

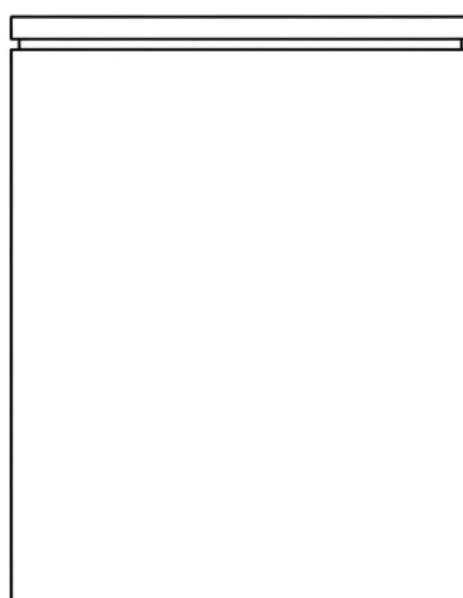
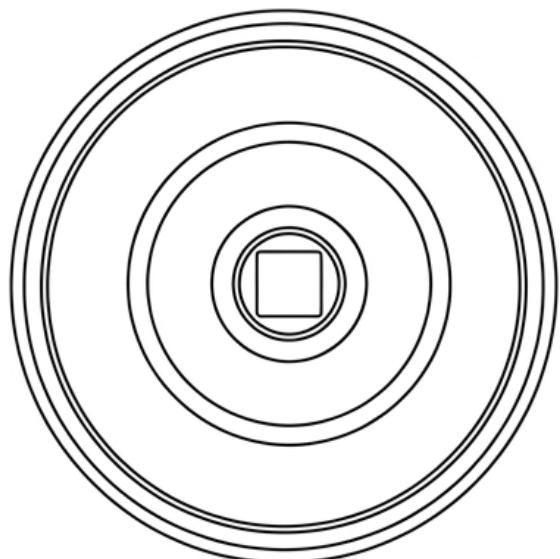
50.000  
HOURS



01 ORDER CODE

02 DIMENSIONS (MM)

- NSL-CY-15W-XX-COB-TD-XX-IP20
- D130 H152



|                |                                   |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
|----------------|-----------------------------------|--|---------------|-----------------|-----------|-----------|--------------|------|-----|---------------------|-----|------|----------------|---------|--------------|-------------------|----------|---------------------|-----------|-----------------------------------|------------|-----|-----------|--------------|----------------|----------------|--------------|----------------|----------------|------------------|----------|-----------------------------|-----------|-------|----------|------------|-----------|------------|----------|---------|
| 03             | GENERAL PRODUCT DESCRIPTION       | Cylindrical LED luminaire with an aluminum body and advanced heat dissipation design. Delivers up to 150 lm/W luminous efficacy with a 60° beam angle, making it ideal for directional lighting in covered outdoor areas and corridors. Available with wide and narrow beam lens options in black, white, or gray finish.  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| 04             | FEATURES                          | <ul style="list-style-type: none"> <li>High cooling aluminum, 500 cm<sup>2</sup>, make it good even for hot areas.</li> <li>High lumen Output.</li> <li>Power saving: as it replace the halogen, CFL, metal halide so it save between 50% to 90% of the consumed power.</li> <li>We have different option (diffuser, Wide lens, Narrow lens).</li> <li>Frame colors (Black/Gray/White).</li> </ul>   |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| 05             | TECHNICAL DATA                    | <table> <tbody> <tr> <td>Input Voltage</td> <td>220 - 240 V A C</td> </tr> <tr> <td>Frequency</td> <td>50 / 60Hz</td> </tr> <tr> <td>Power Factor</td> <td>&gt;90%</td> </tr> <tr> <td>CCT</td> <td>3000K, 4000K, 6000K</td> </tr> <tr> <td>CRI</td> <td>&gt;80%</td> </tr> <tr> <td>LED Efficiency</td> <td>150Lm/W</td> </tr> <tr> <td>Power Supply</td> <td>Tridonic / Nassli</td> </tr> <tr> <td>LED Type</td> <td>Citizen / Bridgelux</td> </tr> <tr> <td>Materials</td> <td>Aluminum, PC, &amp; Friendly material</td> </tr> <tr> <td>Beam Angle</td> <td>60°</td> </tr> <tr> <td>Life Time</td> <td>&gt;50,000 Hour</td> </tr> <tr> <td>Operating Temp</td> <td>-20°C to +55°C</td> </tr> <tr> <td>Storage Temp</td> <td>-40°C to +80°C</td> </tr> <tr> <td>Certifications</td> <td>CE, SELV and ISO</td> </tr> <tr> <td>Mounting</td> <td>Suspended / Surface Mounted</td> </tr> <tr> <td>IP Rating</td> <td>IP 20</td> </tr> <tr> <td>Dimmable</td> <td>On Request</td> </tr> <tr> <td>Emergency</td> <td>On Request</td> </tr> <tr> <td>Warranty</td> <td>5 Years</td> </tr> </tbody> </table> | Input Voltage | 220 - 240 V A C | Frequency | 50 / 60Hz | Power Factor | >90% | CCT | 3000K, 4000K, 6000K | CRI | >80% | LED Efficiency | 150Lm/W | Power Supply | Tridonic / Nassli | LED Type | Citizen / Bridgelux | Materials | Aluminum, PC, & Friendly material | Beam Angle | 60° | Life Time | >50,000 Hour | Operating Temp | -20°C to +55°C | Storage Temp | -40°C to +80°C | Certifications | CE, SELV and ISO | Mounting | Suspended / Surface Mounted | IP Rating | IP 20 | Dimmable | On Request | Emergency | On Request | Warranty | 5 Years |
| Input Voltage  | 220 - 240 V A C                   |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Frequency      | 50 / 60Hz                         |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Power Factor   | >90%                              |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| CCT            | 3000K, 4000K, 6000K               |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| CRI            | >80%                              |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| LED Efficiency | 150Lm/W                           |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Power Supply   | Tridonic / Nassli                 |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| LED Type       | Citizen / Bridgelux               |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Materials      | Aluminum, PC, & Friendly material |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Beam Angle     | 60°                               |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Life Time      | >50,000 Hour                      |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Operating Temp | -20°C to +55°C                    |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Storage Temp   | -40°C to +80°C                    |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Certifications | CE, SELV and ISO                  |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Mounting       | Suspended / Surface Mounted       |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| IP Rating      | IP 20                             |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Dimmable       | On Request                        |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Emergency      | On Request                        |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| Warranty       | 5 Years                           |  |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |
| 06             | APPLICATIONS                      | It can be widely used for trade shows, supermarkets, schools, hospitals, factories, car parking, airports, corridors, etc.   |               |                 |           |           |              |      |     |                     |     |      |                |         |              |                   |          |                     |           |                                   |            |     |           |              |                |                |              |                |                |                  |          |                             |           |       |          |            |           |            |          |         |



General Lighting



Football Field



Street Lamp



Factory Lighting



Green House



Industrial Area



Car Park



Ware house

## 07 PHOTOMETRIC DATA

