

# LED LINEAR S

Data Sheet Document.

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IP  
20

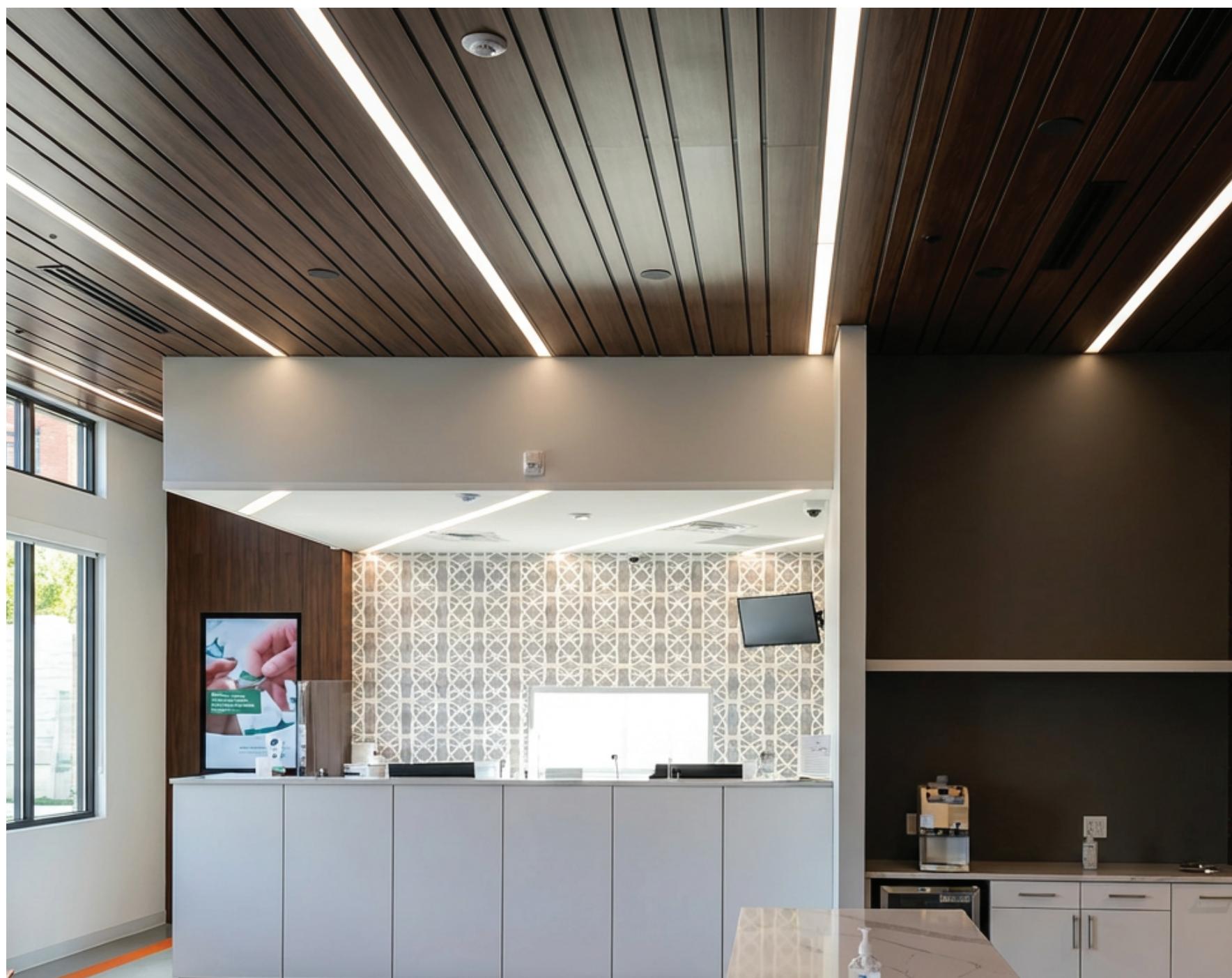
5Y  
WAR

15-60 W  
1650 LMT

CRI  
>80

50.000  
HOURS

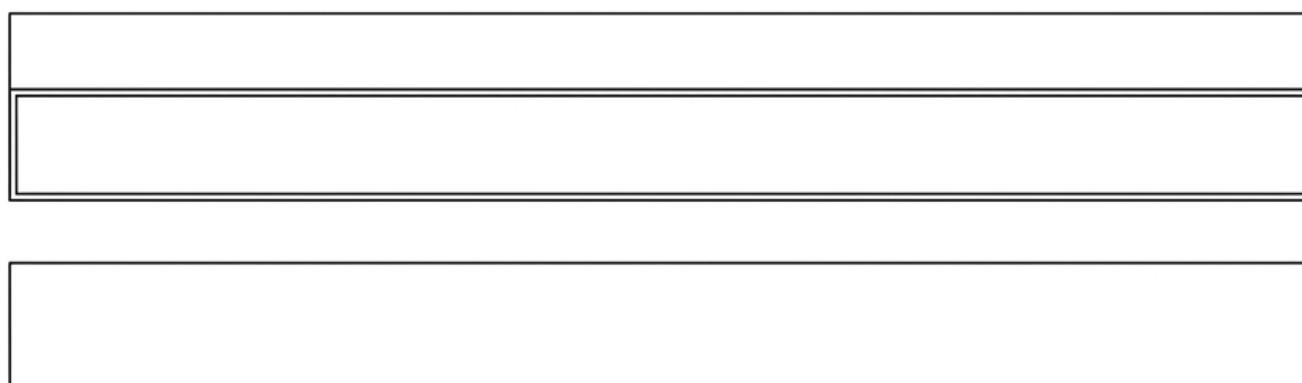


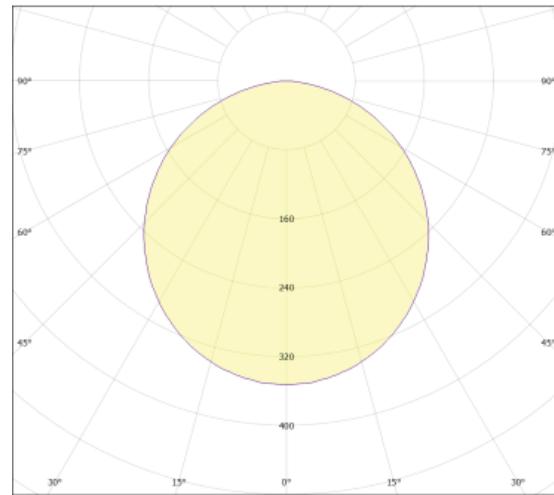


01 ORDER CODE

02 DIMENSIONS (MM)

- NSL-LLS-T-50x80x1000-CC-15W/M-XXK-SMD-TD-XX-IP20
- W50H80



|                |   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
|----------------|---|---|--|---|--|--|---|---|-----|----------------------------|-----|------|----------------|-------------|--------------|-------------------|----------|-------------------|-----------|-----------------------------------|------------|------|-----------|--------------|----------------|----------------|--------------|----------------|----------------|------------------|----------|-------------------|-----------|------|----------|------------|-----------|------------|----------|---------|
| 03             | GENERAL PRODUTCT DISCRIPTION  | A versatile linear lighting system with wide light distribution, high efficiency, and available in two mounting options: suspended or surface- mounted, designed to suit various indoor environments. It uses high-efficiency SMD chips from Osram / Epistar, with a 160° beam angle, housed in an aluminum body. The fixture is flicker-free and free from electromagnetic interference, delivering stable performance unaffected by color shift or luminous degradation over time. Available in multiple output levels up to 6600 lumens, and supports dimming systems.   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| 04             | FEATURES  | <ul style="list-style-type: none"> <li>The product used as pure light source, using LED technology human and environment friendly, no PB, Hg nor UV.</li> <li>High power saving fixture, no decay and color temperature shift.</li> <li>Can be dimmable (through direct control or via network).</li> </ul>   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| 05             | TECHNICAL DATA  | <table> <tbody> <tr> <td>Input Voltage</td><td>220-240 VAC</td></tr> <tr> <td>Frequency</td><td>50/60Hz</td></tr> <tr> <td>Power Factor</td><td>&gt;98%</td></tr> <tr> <td>cct</td><td>2700K, 3000K, 4000K, 6000K</td></tr> <tr> <td>CRI</td><td>&gt;80%</td></tr> <tr> <td>LED Efficiency</td><td>120-130Lm/W</td></tr> <tr> <td>Power supply</td><td>Tridonic / Nassli</td></tr> <tr> <td>LED Type</td><td>Osram / Bridgelux</td></tr> <tr> <td>Materials</td><td>Aluminum, PC, &amp; Friendly material</td></tr> <tr> <td>Beam Angle</td><td>160°</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 +85°C</td></tr> <tr> <td>Certifications</td><td>CE, SELV and ISO</td></tr> <tr> <td>Mounting</td><td>Suspended/Surface</td></tr> <tr> <td>IP Rating</td><td>IP20</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 VAC   | Frequency  | 50/60Hz  | Power Factor  | >98%  | cct | 2700K, 3000K, 4000K, 6000K | CRI | >80% | LED Efficiency | 120-130Lm/W | Power supply | Tridonic / Nassli | LED Type | Osram / Bridgelux | Materials | Aluminum, PC, & Friendly material | Beam Angle | 160° | Life Time | >50,000 Hour | Operating Temp | -20°C to +55°C | Storage Temp | -40°C to +85°C | Certifications | CE, SELV and ISO | Mounting | Suspended/Surface | IP Rating | IP20 | Dimmable | On Request | Emergency | On Request | Warranty | 5 Years |
| Input Voltage  | 220-240 VAC   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Frequency      | 50/60Hz   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Power Factor   | >98%  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| cct            | 2700K, 3000K, 4000K, 6000K  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| CRI            | >80%  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| LED Efficiency | 120-130Lm/W   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Power supply   | Tridonic / Nassli   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| LED Type       | Osram / Bridgelux   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Materials      | Aluminum, PC, & Friendly material   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Beam Angle     | 160°  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Life Time      | >50,000 Hour  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Operating Temp | -20°C to +55°C  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Storage Temp   | -40°C to +85°C  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Certifications | CE, SELV and ISO  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Mounting       | Suspended/Surface   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| IP Rating      | IP20  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Dimmable       | On Request  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Emergency      | On Request  |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| Warranty       | 5 Years   |   |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| 06             | APPLICATIONS  | <ul style="list-style-type: none"> <li>It can be widely used for shopping malls, Palaces, Trade shows, Supermarkets, Conference Halls, Hotels, Schools, Hospitals, Meeting room Factories, Theater, Cinemas, Kitchens and Corridor etc...</li> </ul>  |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
|                | <br>General Lighting | <br>Football Field   | <br>Street Lamp | <br>Factory Lighting | <br>Green House | <br>Industrial Area | <br>Car Park | <br>Ware house |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |
| 07             | PHOTOMETRIC DATA  |    |  |   |  |  |   |   |     |                            |     |      |                |             |              |                   |          |                   |           |                                   |            |      |           |              |                |                |              |                |                |                  |          |                   |           |      |          |            |           |            |          |         |