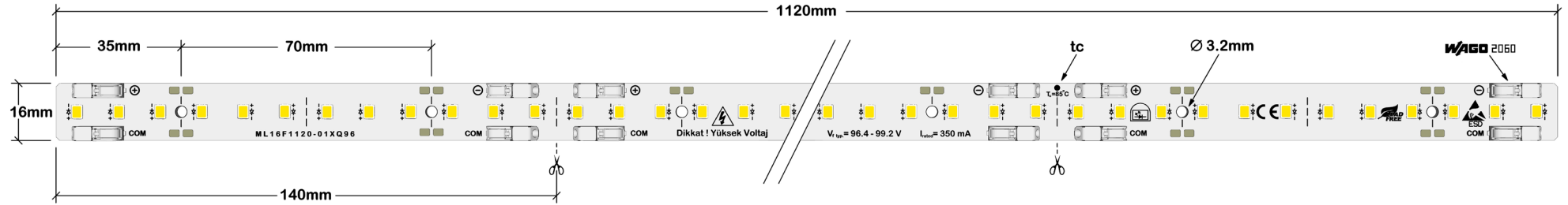
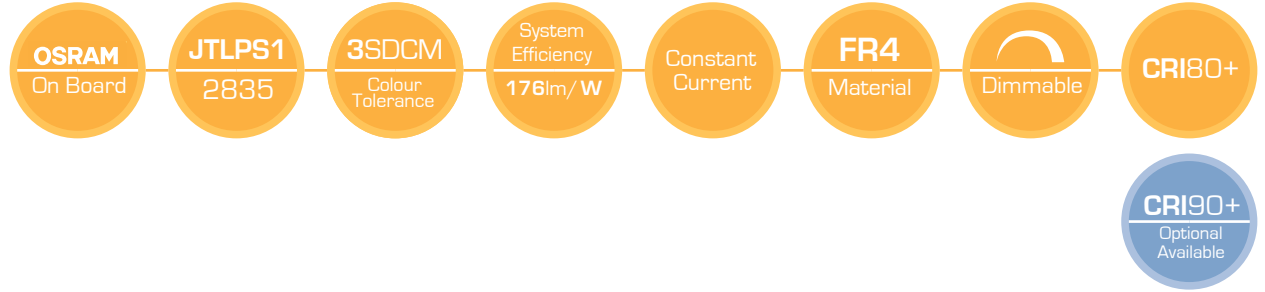


## Technical Data

|                    |             |
|--------------------|-------------|
| Beam Angle         | 120°        |
| Ambient Temp. (Ta) | -30...+50°C |
| Tp rated           | +65°C       |
| Tc                 | +85°C       |
| Eyesafety Report   | EIC 62471   |
| Life Test Report   | EIS LM-80   |
| LVD Test Report    | EIC 62031   |
| UL Compliant       | E349212     |



| Product Code            | LED Quantity | V <sub>f</sub> typ. | I <sub>f</sub> | Consumption (W) | Color CCT (Kelvin) | Luminous Flux(lm) Tp:25°C | Bin (Rank) Code | Efficiency of the Module |
|-------------------------|--------------|---------------------|----------------|-----------------|--------------------|---------------------------|-----------------|--------------------------|
| <b>ML16F1120-01XQ96</b> | 96 LED       | 90.9 V              | 250mA          | 22.7 W          | 2700K              | 3680lm                    | KK              | 162lm/W                  |
|                         |              |                     |                |                 | 3000K              | 3790lm                    | KL              | 167lm/W                  |
|                         |              |                     |                |                 | 4000K              | 4000lm                    | KM              | 176lm/W                  |
|                         |              |                     |                |                 | 6500K              | 4000lm                    | KM              | 176lm/W                  |
|                         |              | 92.8 V              | 350mA          | 32.5 W          | 2700K              | 4970lm                    | KK              | 153lm/W                  |
|                         |              |                     |                |                 | 3000K              | 5140lm                    | KL              | 158lm/W                  |
|                         |              |                     |                |                 | 4000K              | 5400lm                    | KM              | 166lm/W                  |
|                         |              |                     |                |                 | 6500K              | 5400lm                    | KM              | 166lm/W                  |

\* Production tolerance of luminous flux and efficiency: ±10%