

## 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     |

**OSRAM**  
On Board

**JTLPS1**  
2835

**3SDCM**  
Colour  
Tolerance

System  
Efficiency  
**191lm/W**

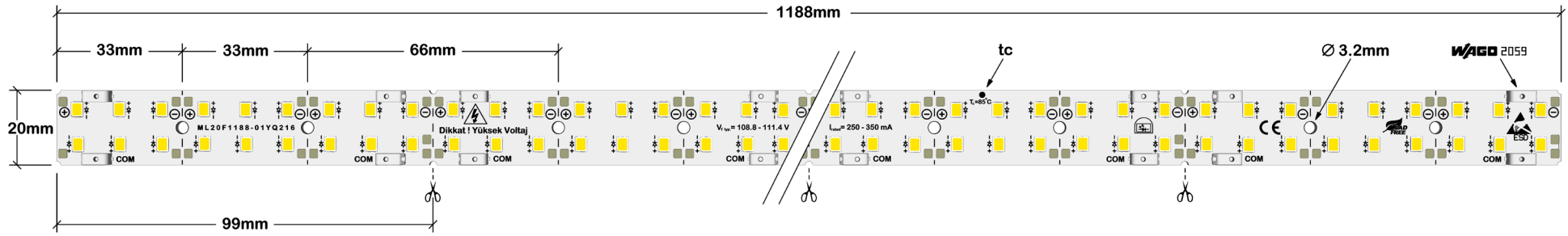
Constant  
Current

**FR4**  
Material

Dimmable

**CRI80+**

**CRI90+**  
Optional  
Available



| 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>ML20F1188-01YQ216</b> | 216 LED      | 99 V                | 250mA          | 24.8 W          | 2700K              | 4360lm                    | KK              | 176lm/W                  |
|                          |              |                     |                |                 | 3000K              | 4510lm                    | KL              | 182lm/W                  |
|                          |              |                     |                |                 | 4000K              | 4740lm                    | KM              | 191lm/W                  |
|                          |              |                     |                |                 | 6500K              | 4740lm                    | KM              | 191lm/W                  |
|                          |              | 100.4 V             | 350mA          | 35.1 W          | 2700K              | 5970lm                    | KK              | 170lm/W                  |
|                          |              |                     |                |                 | 3000K              | 6180lm                    | KL              | 176lm/W                  |
|                          |              |                     |                |                 | 4000K              | 6490lm                    | KM              | 185lm/W                  |
|                          |              |                     |                |                 | 6500K              | 6490lm                    | KM              | 185lm/W                  |

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