

## Technical Data

|                             |             |
|-----------------------------|-------------|
| Beam Angle                  | 115°        |
| Ambient Temperature (Ta)    | -30...+50°C |
| Tp Rated                    | +65°C       |
| Tc                          | +85°C       |
| Photobiological Test Report | EIC 62471   |
| Life Test Report            | EIS LM-80   |
| LVD Test Report             | EIC 62031   |
| UL Compliant                | E349212     |
| Thermal Conductivity        | 1.0W/mk     |

**CREE** ⇅  
On Board

**XT-E**  
3535

**ANSI**  
C78.377A

Constant  
Current

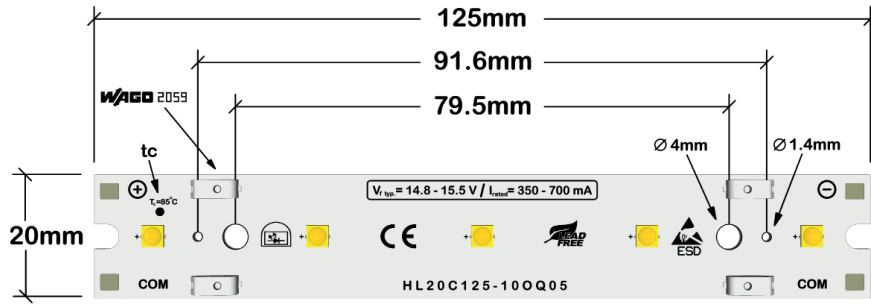
**CEM3**  
Thermal  
Material

Dimmable

System  
Productivity  
**163 lm/W**

**CRI80+**

**CRI90+**  
Optional  
Available



| Product Code           | LED Quantity | Vf typ. | If typ. | Consumption (W) | Color CCT (Kelvin) | Luminous Flux(lm) | Bin Code | Productivity of the Module |
|------------------------|--------------|---------|---------|-----------------|--------------------|-------------------|----------|----------------------------|
| <b>HL20C125-100Q05</b> | 5 LED        | 14.3V   | 350mA   | 5W              | 2700K              | 710 lm            | S20      | 142 lm/W                   |
|                        |              |         |         |                 | 3000K              | 765 lm            | S30      | 153 lm/W                   |
|                        |              |         |         |                 | 4000K              | 815 lm            | S40      | 163 lm/W                   |
|                        |              |         |         |                 | 6500K              | 815 lm            | S40      | 163 lm/W                   |
|                        |              | 14.8V   | 500mA   | 7.4W            | 2700K              | 975 lm            | S20      | 132 lm/W                   |
|                        |              |         |         |                 | 3000K              | 1050 lm           | S30      | 142 lm/W                   |
|                        |              |         |         |                 | 4000K              | 1125 lm           | S40      | 152 lm/W                   |
|                        |              |         |         |                 | 6500K              | 1125 lm           | S40      | 152 lm/W                   |
|                        |              | 15.3V   | 700mA   | 10.7W           | 2700K              | 1305 lm           | S20      | 122 lm/W                   |
|                        |              |         |         |                 | 3000K              | 1390 lm           | S30      | 130 lm/W                   |
|                        |              |         |         |                 | 4000K              | 1500 lm           | S40      | 140 lm/W                   |
|                        |              |         |         |                 | 6500K              | 1500 lm           | S40      | 140 lm/W                   |

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