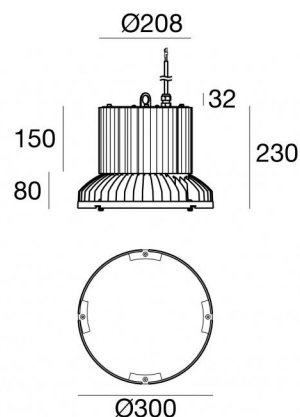
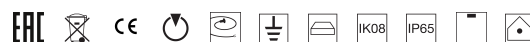


| CRI 80  
80538C90



| Technische Daten                                    |                                   |
|-----------------------------------------------------|-----------------------------------|
| Typ                                                 | Oberfläche - Industriebeleuchtung |
| Installationsposition                               | Decke                             |
| Installationsumgebung                               | Indoor                            |
| Lichtquelle                                         | LED                               |
| Circuit structure                                   | arrayLED                          |
| Optik                                               | Extra Wide Flood                  |
| Light emission direction                            | downward                          |
| Lampe Nennleistung                                  | 140 W DC                          |
| Gesamtleistung                                      | 150 W                             |
| Lichtstrom (Lichtquelle)                            | 22695 lm                          |
| Nominale Eingangsspannung                           | 220 - 240 V AC                    |
| Eingangsspannungsbereich                            | 198 - 264 V AC                    |
| Frequency                                           | 50 - 60 Hz                        |
| Ähnlichste Farbtemperatur / Tone                    | 5000 K                            |
| Farbwiedergabeindex                                 | 80 Ra                             |
| Gleichstrom/Gleichspannung                          | AC                                |
| Isolierklasse                                       | 1                                 |
| IP                                                  | IP65                              |
| IK                                                  | IK08                              |
| Glühdrahtprüfung                                    | 850°                              |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                                |
| CE                                                  | Ja                                |
| Einschließlich Driver                               | Driver                            |
| Leuchte dimmbar                                     | Nein                              |
| Schwenkbarkeit                                      | Nein                              |
| Drehbarkeit                                         | Nein                              |
| Begehbarkeit                                        | Nein                              |
| Überrollbarkeit                                     | Nein                              |
| Einschließlich Kabel                                | Ja                                |
| Kabellänge                                          | 1 m                               |
| Harzbeschichtung                                    | Nein                              |
| Typ Lichtabstrahlung                                | Einflammig                        |
| Nettogewicht                                        | 6.7 Kg                            |
| Schutz vor elektrostatischen Entladungen            | Ja                                |
| Schutz vor Stoßspannungen                           | Ja                                |

| Oberfläche Oberfläche Gehäuse |                |
|-------------------------------|----------------|
| Material                      | Aluminium      |
| Farbe                         | grau Zirkonium |
| Bearbeitungstyp               | Lackierung     |

| Oberfläche Oberfläche diffusor |             |
|--------------------------------|-------------|
| Material                       | Glas        |
| Farbe                          | Transparent |

| CRI 80  
80538C90

Single emission pendant luminaires for indoor application. The cold white LED light source with a extra wide flood light distribution is composed of 3 arrayled LEDs with CCT of 5000 K and a CRI 80; the source luminous flux is 22695 lm, with a 162.1 lm/W nominal luminous efficacy.

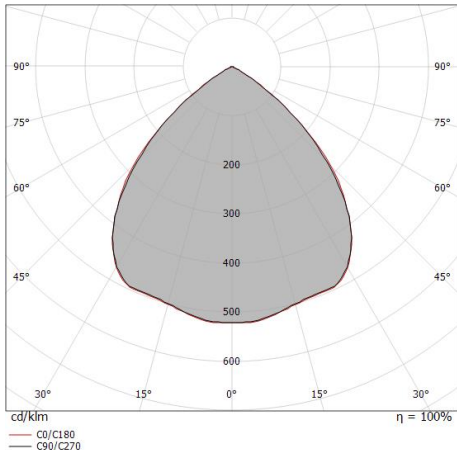
The device body is made of aluminium and features a grey zirconium finish, processed by means of coating; the diffuser is made of glass.

The ingress protection degree is IP65; the total weight is of 6.7 kg.

The total absorbed power is 150 W The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



| Distance [m] | Cone diameter [m] | Illuminance [lx]                         |
|--------------|-------------------|------------------------------------------|
| 0.5          | 1.02<br>1.04      | E(0°) 37023<br>E(C90) 6387<br>E(C0) 6175 |
| 1.0          | 2.04<br>2.09      | E(0°) 9256<br>E(C90) 1597<br>E(C0) 1544  |
| 1.5          | 3.06<br>3.13      | E(0°) 4114<br>E(C90) 710<br>E(C0) 686    |
| 2.0          | 4.08<br>4.17      | E(0°) 2314<br>E(C90) 399<br>E(C0) 386    |
| 2.5          | 5.11<br>5.21      | E(0°) 1481<br>E(C90) 255<br>E(C0) 247    |
| 3.0          | 6.13<br>6.26      | E(0°) 1028<br>E(C90) 177<br>E(C0) 172    |

— C0/C180 (Half-peak divergence: 92.4°)  
— C90/C270 (Half-peak divergence: 91.2°)

Energieeffizienzklasse

Dieses Produkt enthält 6 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 39 %           |
| Lichtstrom (Lichtquelle)              | 45390 lm       |
| Leuchten Lichtstrom                   | 17760 lm       |
| Consumption                           | 150 W          |
| Leuchten Lichtausbeute                | 118 lm/W       |
| Farbtemperatur                        | 5000 K         |
| Standard Deviation of Colour Matching | 5 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Gamut Area Index                      | 55 GAI         |
| Colour Rendering Index                | 10 R9          |
| IES TM-30 Rf                          | 83             |
| IES TM-30 Rg                          | 96             |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 45°C           |

LED Life / Failure Ratio

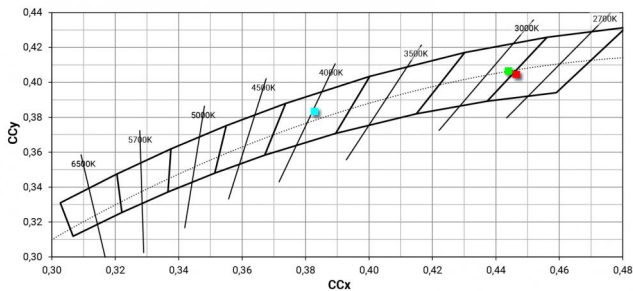
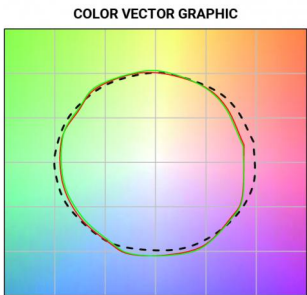
L70 B10 C0 250000h (at Tj 65 Ta 25 )

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 26.1     |
| UGR transversal   | 26.1     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 91°         |
| Light distribution simmetry | Symmetrical |



Flamp | Industrial Lighting | Accessories  
**80538C90**



Diffusor - Mikroprismatischer Diffusor  
Diffusorart: micro-prismatico.  
Material:UV beständiges Polycarbonat.

**Code**

98727