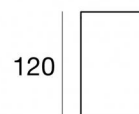




Plafonnier | 176-264 V  
1 arrayLED 7.3 W DC - 9 W AC | CRI 90

**76087W20**



## Données techniques

|  |                               |
|--|-------------------------------|
| Typologie  | Surface                       |
| Position d'installation                                  | Plafond                       |
| Environnement d'installation                             | Intérieur                     |
| Source lumineuse   | LED                           |
| Circuit structure  | arrayLED                      |
| Optique  | Flood                         |
| Light emission direction                                 | downward                      |
| Puissance nominale                                       | 7.3 W DC                      |
| Pouvoir total  | 9 W                           |
| Flux lumineux (source)                                   | 1133 lm                       |
| Tension d'entrée nominale                                | 220 - 240 V AC                |
| Plage de tension d'entrée                                | 176 - 264 V AC                |
| Frequency  | 50 - 60 Hz                    |
| Température de couleur / Tone                            | 3000 K                        |
| Indice de rendu chromatique                              | 90 Ra                         |
| C.C. / V.C.  | AC                            |
| Classe d'isolation                                       | 2                             |
| IP   | IP40                          |
| IP bloc optique  | IP65                          |
| IK   | IK05                          |
| Essai au fil incandescent                                | 850°                          |
| Montage direct sur des surfaces normalement inflammables | Oui                           |
| CE   | Oui                           |
| Driver inclus  | Driver                        |
| Article à intensité variable                             | Non                           |
| Orientable   | Non                           |
| Basculement  | Non                           |
| Piétinable   | Non                           |
| Carrossable  | Non                           |
| Câble inclus   | Non                           |
| Revêtement en résine                                     | Non                           |
| Type d'émission lumineuse                                | Émission simple               |
| Poids net  | 0.55 Kg                       |
| Protection contre les décharges électrostatiques         | Oui                           |
| Protection contre les surtensions                        | 0.5 KV                        |
| Technologie optique                                      | Ottica arretrata<br>low glare |

## Finition corps

|             |   |
|-------------|---|
| Matériau    | Aluminium 6060 - Aluminium 6060         |
| Couleur     | Noir - or                               |
| Fabrication | Revêtement en poudre - Peinture liquide |

## Finition diffuseur

|          |                   |
|----------|-------------------|
| Matériau | Verre extra clair |
| Couleur  | transparent       |



Plafonnier | 176-264 V | 1 arrayLED 7.3 W DC - 9 W AC | CRI 90  
**76087W20**

Single emission ceiling downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1133 lm, with a 155.2 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a gold finish, processed by means of liquid painting. The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP40; the total weight is of 0.55 kg.

The total absorbed power is 9 W.

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

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

### Classe d'efficacité énergétique

Ce produit contient une source lumineuse de classe d'efficacité énergétique E.

### Caractéristiques Techniques de l'éclairage

|  |                |
|--|----------------|
| Light Output Ratio (LOR)                   | 72 %           |
| Flux lumineux (source)                     | 1133 lm        |
| Flux lumineux du luminaire                 | 827 lm         |
| Consumption                                | 9 W            |
| Efficacité lumineuse du luminaire          | 91 lm/W        |
| Température de couleur                     | 3000 K         |
| Standards de Concordance de Couleur        | 2 Step MacAdam |
| Indice de rendu chromatique                | 90 Ra          |
| Colour Rendering Index                     | 60 R9          |
| Black Body Locus                           | On             |
| Température standard de l'environnement de | -20 / +50°C    |
| Température typique sur le verre           | 40°C           |

### LED Life / Failure Ratio

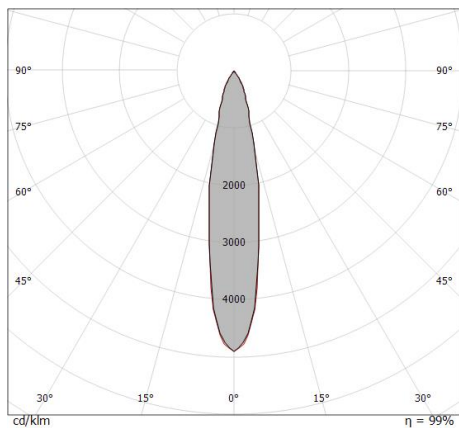
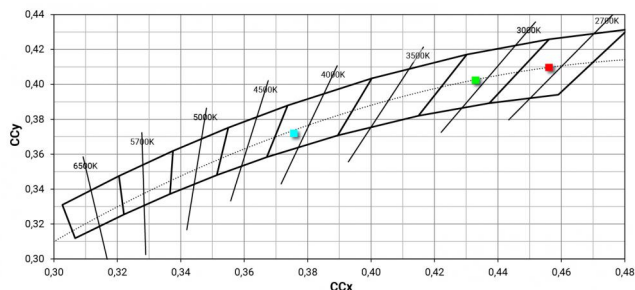
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 11.9     |
| UGR transversal   | 12       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                  |             |
|------------------|-------------|
| Optique C0/C180  | 20°         |
| Optique C90/C270 | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.18<br>0.18      | E(0°) 16223<br>E(C90) 10.3° 7727<br>E(C0) 10.2° 7744 |
| 1.0          | 0.36<br>0.36      | E(0°) 4056<br>E(C90) 10.3° 1932<br>E(C0) 10.2° 1936  |
| 1.5          | 0.55<br>0.54      | E(0°) 1803<br>E(C90) 10.3° 859<br>E(C0) 10.2° 860    |
| 2.0          | 0.73<br>0.72      | E(0°) 1014<br>E(C90) 10.3° 483<br>E(C0) 10.2° 484    |
| 2.5          | 0.91<br>0.90      | E(0°) 649<br>E(C90) 10.3° 309<br>E(C0) 10.2° 310     |
| 3.0          | 1.09<br>1.08      | E(0°) 451<br>E(C90) 10.3° 215<br>E(C0) 10.2° 215     |