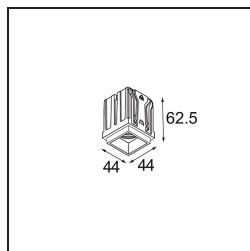


|          |
|----------|
| Date     |
| Customer |
| Project  |
| Type     |

*Qbini Square Out 1x IP55 LED 3000K Medium DE White Structure*



**Specifications**

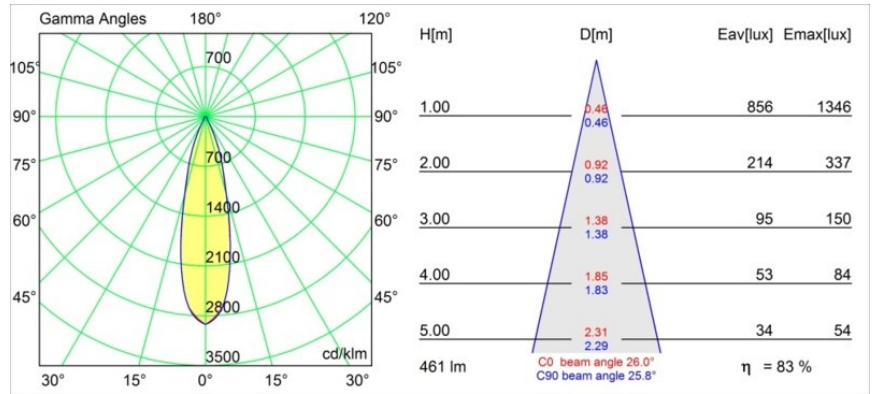
|                                 |                                                                                                                                                                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                        | 14132209                                                                                                                                                                                                                                                             |
| Light Source Type               | LED                                                                                                                                                                                                                                                                  |
| LED Type                        | CREE 1304                                                                                                                                                                                                                                                            |
| LED technology                  | LED COB                                                                                                                                                                                                                                                              |
| CRI                             | Min. 90                                                                                                                                                                                                                                                              |
| Colour Temperature              | 3000K                                                                                                                                                                                                                                                                |
| Lifetime                        | L90B10 @50,000 Hours                                                                                                                                                                                                                                                 |
| Lamp Included                   | Yes                                                                                                                                                                                                                                                                  |
| Number of Light Sources         | 1                                                                                                                                                                                                                                                                    |
| Binning (SDCM)                  | 2                                                                                                                                                                                                                                                                    |
| Light Direction                 | Down                                                                                                                                                                                                                                                                 |
| Optic                           | Reflector                                                                                                                                                                                                                                                            |
| Measured beam angle (°)         | 26.0                                                                                                                                                                                                                                                                 |
| Input Voltage                   | Constant Current Driver Required                                                                                                                                                                                                                                     |
| Electrical Class                | III                                                                                                                                                                                                                                                                  |
| IP Rating                       | 55                                                                                                                                                                                                                                                                   |
| Glow wire rating (°C)           | 960                                                                                                                                                                                                                                                                  |
| Indoor/Outdoor                  | Indoor                                                                                                                                                                                                                                                               |
| Application                     | Ceiling, Wall                                                                                                                                                                                                                                                        |
| Adjustability                   | Not Applicable                                                                                                                                                                                                                                                       |
| Distance to Lighted Object (m)  | 0,1                                                                                                                                                                                                                                                                  |
| Primary Colour & Primary Finish | White, Structure                                                                                                                                                                                                                                                     |
| Gross weight (g)                | 220.0                                                                                                                                                                                                                                                                |
| Drive current (mA)              | 350      500                                                                                                                                                                                                                                                         |
| Min. forward voltage (Vf)       | 7,5      7,8                                                                                                                                                                                                                                                         |
| Max. forward voltage (Vf)       | 9,5      9,8                                                                                                                                                                                                                                                         |
| Connected load (W)              | 3,0      4,4                                                                                                                                                                                                                                                         |
| Luminous flux per lamp (lm)     | 288      384                                                                                                                                                                                                                                                         |
| Efficacy (lm/W)                 | 96      89                                                                                                                                                                                                                                                           |
| Glare rating                    | 20      21                                                                                                                                                                                                                                                           |
| Remark                          | <ul style="list-style-type: none"> <li>• Qbini Frame and Qbini Box not included</li> <li>• This is not a complete product. Qbini Frame or Qbini Box system required.</li> <li>• This is not a complete product. Qbini Frame or Qbini Box system required.</li> </ul> |



**TM30 & CRI diagram**



**Light distribution & beam diagram**



Diagrams