



## NobleCure<sup>®</sup> Altair

UV LED unit



### NobleCure<sup>®</sup> Altair Series

#### Technical data:

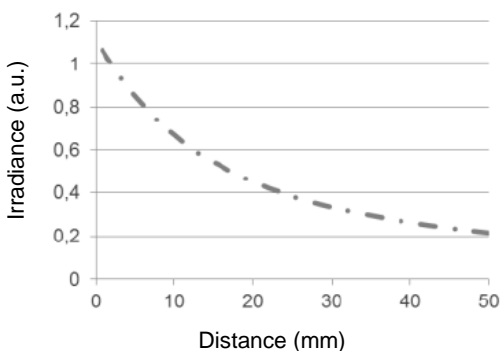
Model	75				125				150				250				350			
Peak Wavelength <sup>1)</sup> [nm]	365	385	395	405	365	385	395	405	365	385	395	405	365	385	395	405	365	385	395	405
Typ. Irradiance <sup>2)3)</sup> [W/cm <sup>2</sup> ]	1,2	3,3	3,7	3,7	1,2	3,3	3,7	3,7	1,2	3,3	3,7	3,7	1,2	3,3	3,7	3,7	1,2	3,3	3,7	3,7
Emitting window [mm <sup>2</sup> ]	80 x 13				135 x 13				160 x 13				260 x 13				360 x 13			
Electrical connections [W]	Max. 130				Max. 275				Max. 300				Max. 500				Max. 635			
Weight [kg]	~ 0,9				~ 1,6				~ 1,7				~ 2,8				~ 3,3			
Outer dimensions of housing (WxDxH) [mm <sup>3</sup> ]	121 x 289 x 42,4				193 x 213 x 70				218 x 213 x 70				329 x 213 x 70				430 x 213 x 70			
noise level [db]	65				65				65				68				69			

<sup>1)</sup> Tolerance +/- 5 nm.

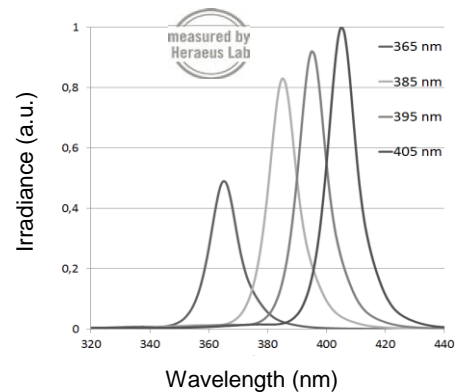
<sup>2)</sup> Value applies to maximum fan speed and maximum lamp current

<sup>3)</sup> Typical irradiance at emission window.

#### Typ. Irradiance as a function of distance:



#### Spectrum :



## Electrical data:

- Mains connection: 32 Vdc ( $\pm 5\%$ )
- Dimming<sup>4)5)6)</sup>: 0 – max. 5 Vdc

<sup>4)</sup>Continuous with control.

<sup>5)</sup>For Altair 125 – 350

<sup>6)</sup>For Altair 75 internal dimming with 4 levels (25%,50%,75%,100%)

## Operating conditions:

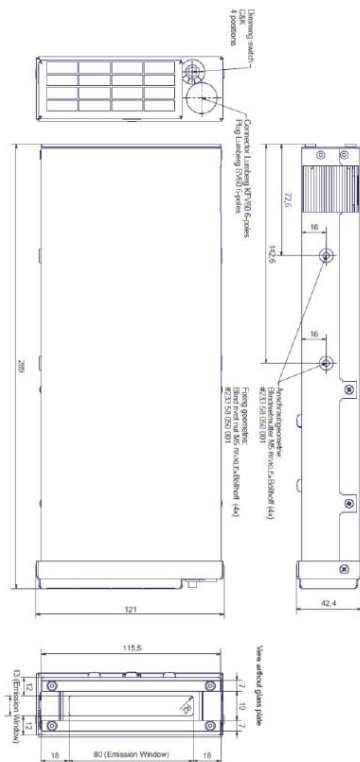
- Type of cooling: internal fan
- Ambient temperature in operation : 10 – 40°C
- Relative humidity: Max. 80%
- Expected useful life time<sup>7)</sup>: typ. >15.000 h

<sup>7)</sup>Maximum intensity decrease of 30% compared to the intensity at the delivery. The intensity decrease was determined under laboratory conditions and is dependent on the operation and environmental conditions.

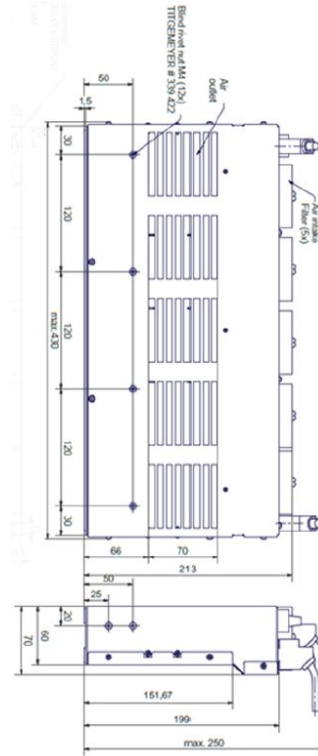
## Dimensions:

Drawing not to scale

### Altair 75



### Altair 350



The comma is used as decimal marker and the dot as thousands separator.

Heraeus Noblelight reserves the right to change drawings and technical data in this Technical Data Sheet. The latest updated version of the Technical Data Sheet is prevailing. It is within the responsibility of the customer to check whether the latest updated version of the Technical Data Sheet is available to him.

Germany  
**Heraeus Noblelight GmbH**  
 Heraeusstraße 12-14  
 63450, Hanau  
 Phone +49 6181 35 4499  
 Fax +49 6181 35 164596  
[hng-uv@heraeus.com](mailto:hng-uv@heraeus.com)  
[www.heraeus-noblelight.com](http://www.heraeus-noblelight.com)

USA  
**Heraeus Noblelight Fusion UV Inc.**  
 910 Clopper Road  
 Gaithersburg, Maryland  
 20878-1357, USA  
 Phone + 1 301 527 2660  
 Fax + 1 301 527 2661  
[info.hnfn@heraeus.com](mailto:info.hnfn@heraeus.com)

Japan  
**Heraeus K.K.**  
 Noblelight Fusion Division  
 Sumitomo Fudosan Otowa Bldg. 2F  
 2-9-3 Otsuka, Bunkyo-ku,  
 112-0012 Tokyo, Japan  
 Phone +81 3 6902 6602  
 Fax +81 3 6902 6613  
[info.hkk@heraeus.com](mailto:info.hkk@heraeus.com)

China  
**Heraeus Noblelight (Shenyang) Ltd.**  
 No. 99 TianZhou Road  
 16th Building, Room 502, 5F  
 200233 Shanghai  
 China  
 Phone +86 21-5445 2255  
 Fax +86 21-5445 2410  
[info.hns@heraeus.com](mailto:info.hns@heraeus.com)