

# LAX-Cute Xenon Light Source 100W Technical Information

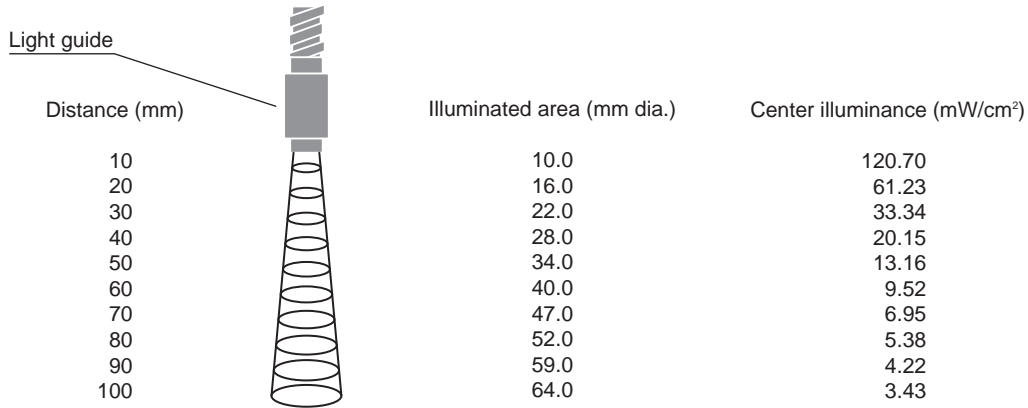


# UVB Mirror Module (254nm)

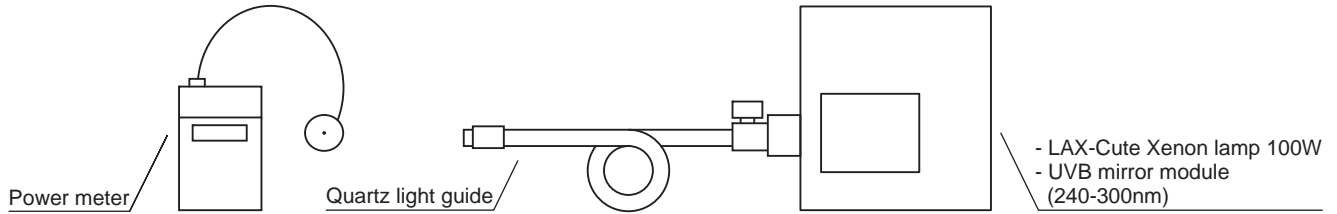
## Illuminated area & Center illuminance at different distances

\*Data introduced here are not guaranteed values. Please use these data only for your reference.

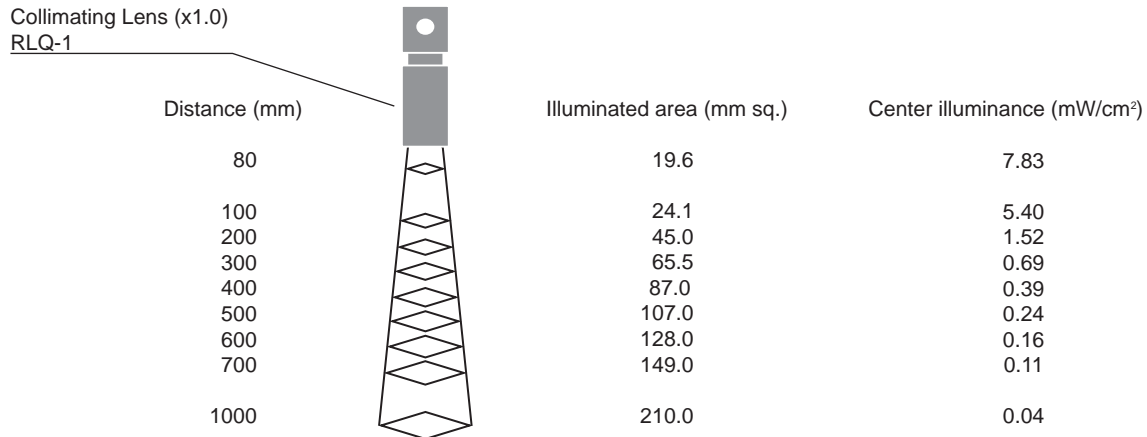
### With Light Guide



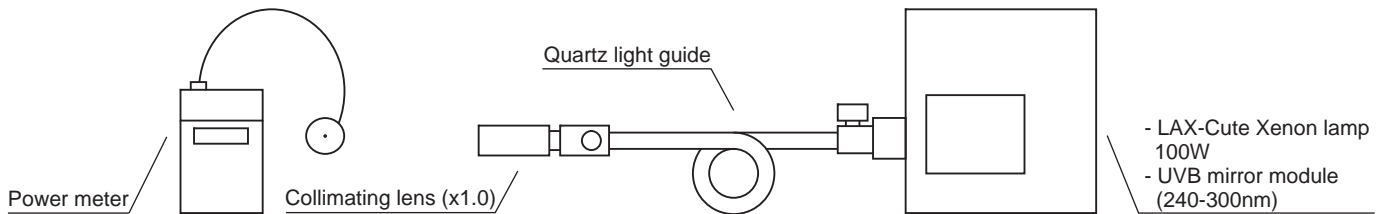
### Measuring condition



### With Collimating Lens (x1.0)



### Measuring condition

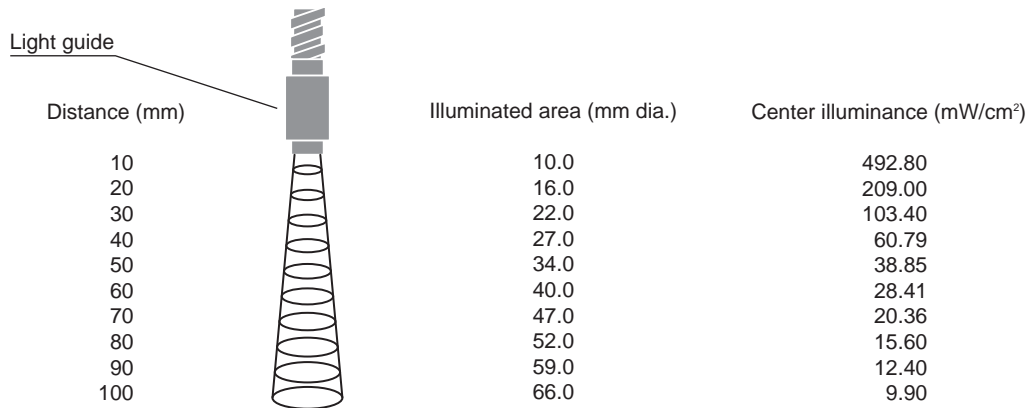


# UVA Mirror Module (365nm)

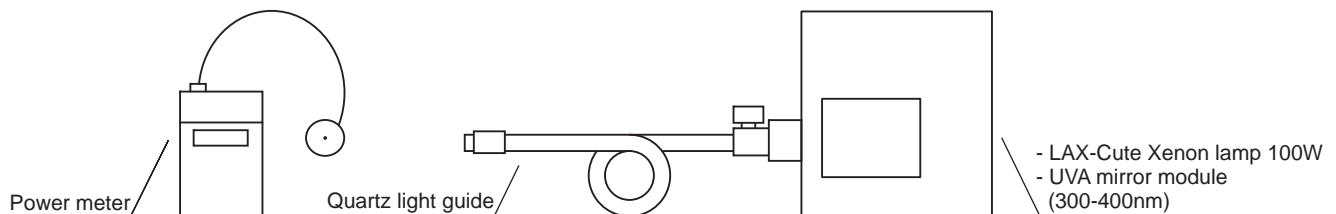
## Illuminated area & Center illuminance at different distances

\*Data introduced here are not guaranteed values. Please use these data only for your reference.

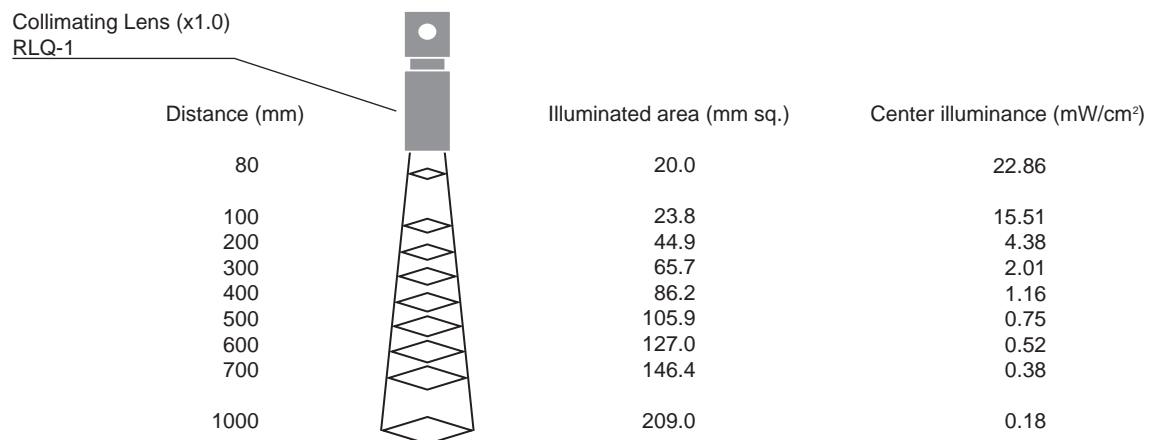
### With Light Guide



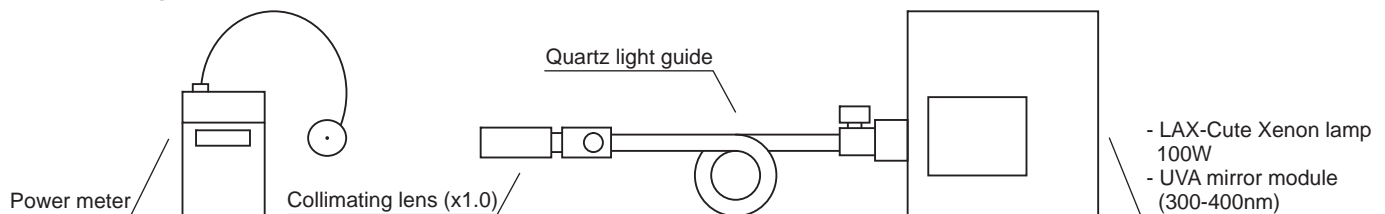
### Measuring condition



### With Collimating Lens (x1.0)



### Measuring condition

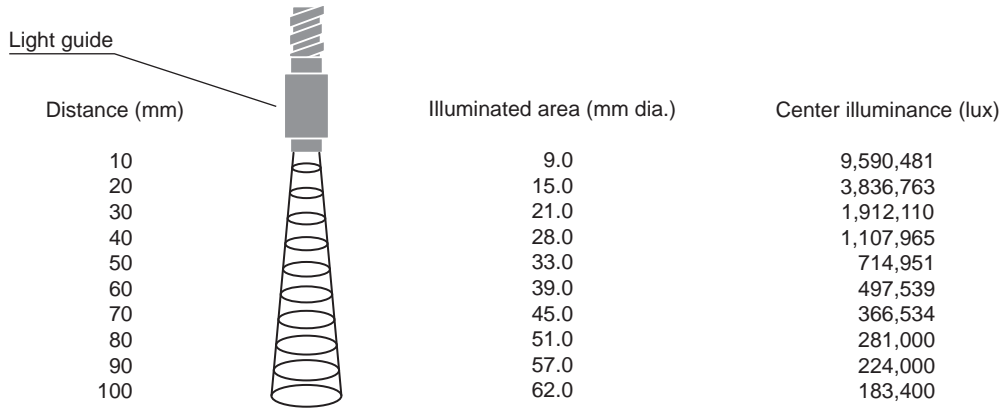


# VIS Mirror Module (400-700nm)

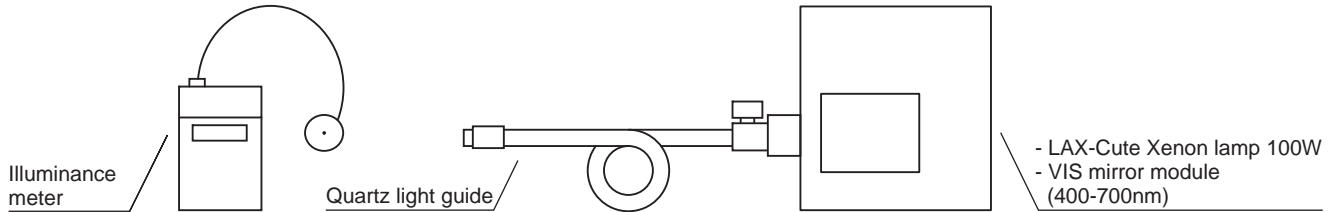
## Illuminated area & Center illuminance at different distances

\*Data introduced here are not guaranteed values. Please use these data only for your reference.

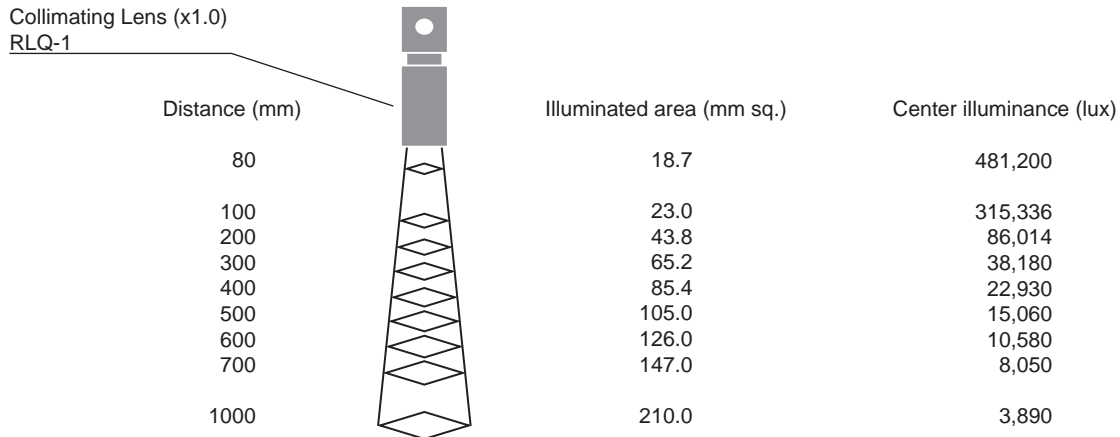
### With Light Guide



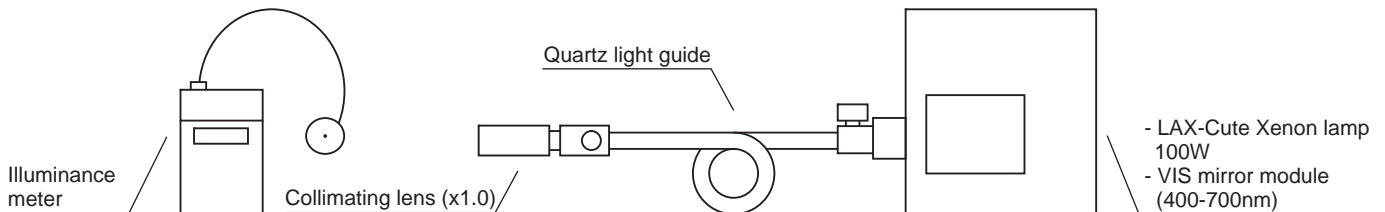
### Measuring condition



### With Collimating Lens (x1.0)



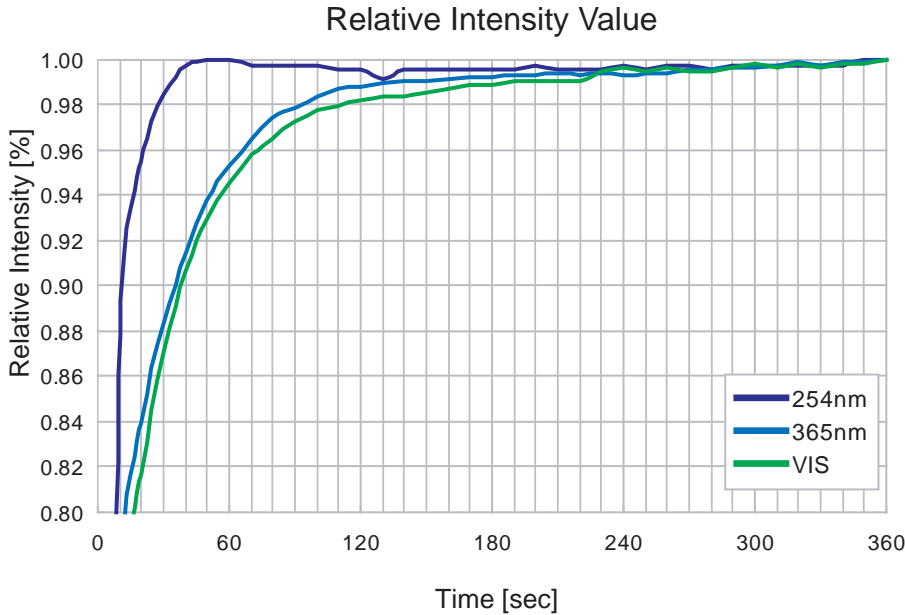
### Measuring condition



# Lamp start-up characteristics

\*Data introduced here are not guaranteed values. Please use these data only for your reference.

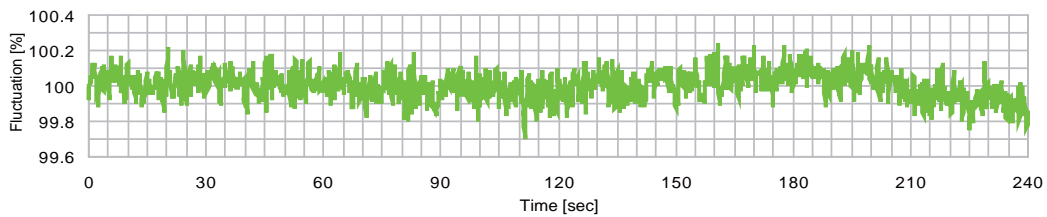
## Lamp start-up characteristics



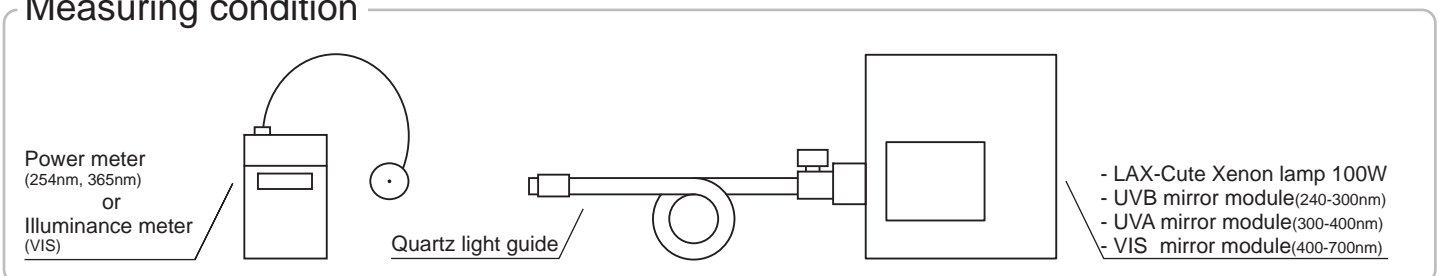
## Light Intensity Value

Time (sec)	254nm (mW/cm <sup>2</sup> )	365nm (mW/cm <sup>2</sup> )	VIS (lux)
0	0.00	0.00	0
10	4.13	12.30	41200
20	4.41	13.36	44800
30	4.55	14.07	47800
40	4.61	14.57	49800
50	4.62	14.93	51000
60	4.62	15.18	51900
70	4.61	15.37	52600
80	4.61	15.51	53000
90	4.61	15.58	53400
100	4.61	15.66	53700
110	4.60	15.71	53800
120	4.60	15.73	53900
130	4.58	15.76	54000
140	4.60	15.77	54000
150	4.60	15.77	54100
160	4.60	15.78	54200
170	4.60	15.80	54300
180	4.60	15.80	54300
190	4.60	15.81	54400
200	4.61	15.81	54400
210	4.60	15.82	54400
220	4.60	15.81	54400
230	4.60	15.82	54600
240	4.61	15.81	54700
250	4.60	15.83	54600
260	4.61	15.83	54700
270	4.61	15.85	54600
280	4.60	15.85	54600
290	4.61	15.86	54700
300	4.61	15.87	54800
310	4.61	15.88	54700
320	4.61	15.90	54800
330	4.61	15.88	54700
340	4.61	15.90	54800
350	4.62	15.91	54800
360	4.62	15.92	54900

## Lamp Fluctuation (60 mins after turning on the lamp.)



## Measuring condition

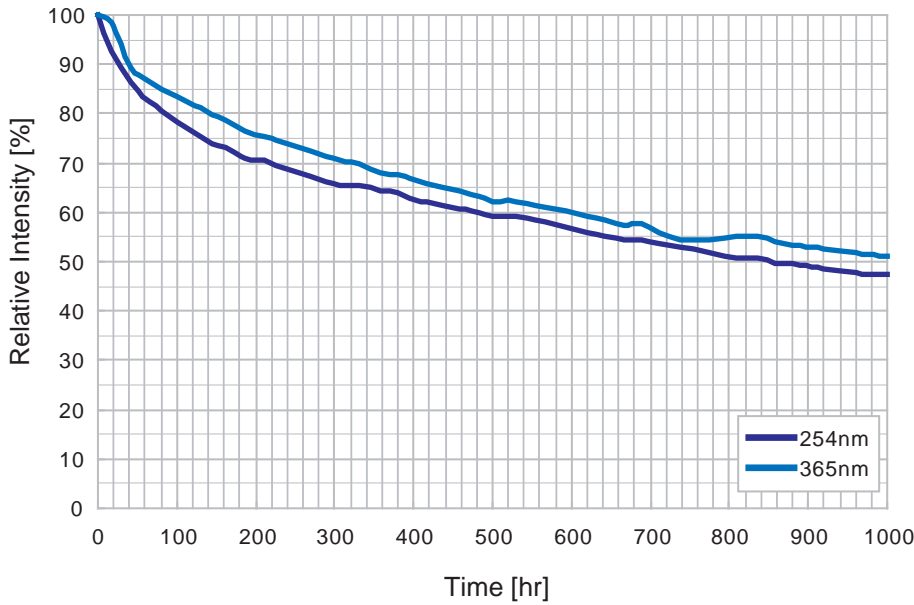


# Lamp Life [254nm, 365nm]

\*Data introduced here are not guaranteed values. Please use these data only for your reference.

## Continuous lighting time & Illuminance degradation

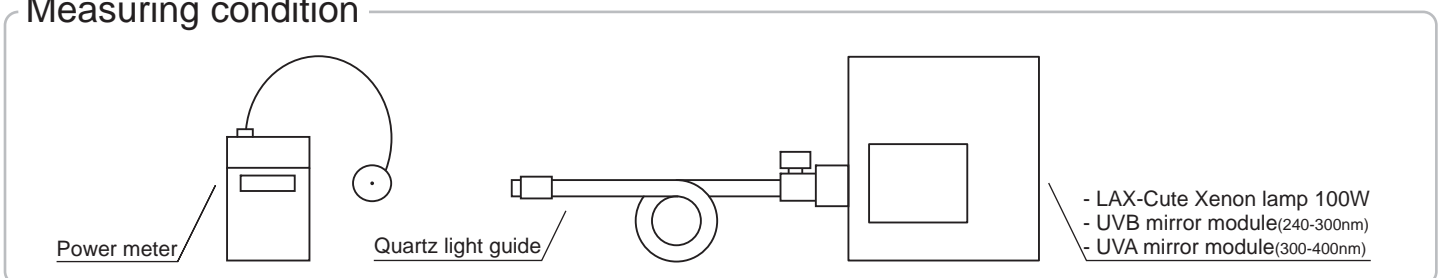
Relative Intensity Value



Light Intensity Value

Time (hr)	254nm (mW/cm <sup>2</sup> )	365nm (mW/cm <sup>2</sup> )
0.0	111	372
17.2	103	366
41.7	96	333
65.2	91	321
137.5	83	300
161.6	81	292
185.4	79	285
210.2	78	281
233.3	77	176
305.3	73	263
329.8	73	260
358.2	71	253
379.6	71	251
401.3	69	247
473.3	67	237
500.0	66	231
520.7	66	232
545.0	65	230
641.8	61	218
665.6	60	213
688.6	60	215
736.9	59	202
809.3	56	205
835.6	56	205
856.7	55	201
881.0	55	198
904.8	54	197
976.7	53	191
1000.7	53	190

### Measuring condition





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