

## Ring Light

**LDR-i90-UV5**


Operating Temperature after 30 minutes	Drawing																																		
<table border="1"> <caption>Operating Temperature after 30 minutes (UV)</caption> <thead> <tr> <th>Minute</th> <th>Temperature (Degree Celsius)</th> </tr> </thead> <tbody> <tr><td>1</td><td>28</td></tr> <tr><td>3</td><td>29</td></tr> <tr><td>5</td><td>28</td></tr> <tr><td>7</td><td>30</td></tr> <tr><td>9</td><td>31</td></tr> <tr><td>11</td><td>32</td></tr> <tr><td>13</td><td>34</td></tr> <tr><td>15</td><td>33</td></tr> <tr><td>17</td><td>35</td></tr> <tr><td>19</td><td>34</td></tr> <tr><td>21</td><td>36</td></tr> <tr><td>23</td><td>35</td></tr> <tr><td>25</td><td>37</td></tr> <tr><td>27</td><td>36</td></tr> <tr><td>29</td><td>38</td></tr> <tr><td>31</td><td>39</td></tr> </tbody> </table>	Minute	Temperature (Degree Celsius)	1	28	3	29	5	28	7	30	9	31	11	32	13	34	15	33	17	35	19	34	21	36	23	35	25	37	27	36	29	38	31	39	
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Mechanical Data (TYP)	
Casing Material	Aluminum
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 120g

Optical Data (TYP)	UV5
Illumination (number of LED)	72
Led Color	UV
Wavelength	375nm
Led Package	T1 5mm Clear

Electrical Data (TYP)	UV5
Operating Voltage	24V±2%
Reverse Battery Protection	YES
Supply Ripple Voltage	≤ Vs±5%
Current Consumption	0.24A
Power Consumption	5.76W
Trigger Voltage	Continuous= 24V Pulsing 48V 0-10% Duty Cycle
Operating after 30 minutes	39°C
Additional Cooling Method	Attach to large machine part
Life span in continuous mode	5,000 hours (drop to 50% intensity) at 25°C
Life span in strobe light mode	Est. >10,000 hours (drop to 50% intensity) at 25°C
Connection	JST SMR-03V, 1:+, 3:-
Power Supply Selection	PSA-24V PSD-24V PSD-STL-48V

Application (TYP)	
Recommended Working Distance	50-100mm