

Line Light

LLN-i100


Operating Temperature after 30 minutes	Drawing																																																																																					
<table border="1"> <caption>Operating Temperature Data (Approximate)</caption> <thead> <tr> <th>Minute</th> <th>White (°C)</th> <th>Red (°C)</th> <th>Green (°C)</th> <th>Blue (°C)</th> </tr> </thead> <tbody> <tr><td>1</td><td>28</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>30</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>32</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>33</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>34</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>11</td><td>35</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>36</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>37</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>17</td><td>38</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>19</td><td>39</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>21</td><td>40</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>23</td><td>41</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>25</td><td>42</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>27</td><td>43</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>29</td><td>43</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>31</td><td>44</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	Minute	White (°C)	Red (°C)	Green (°C)	Blue (°C)	1	28	-	-	-	3	30	-	-	-	5	32	-	-	-	7	33	-	-	-	9	34	-	-	-	11	35	-	-	-	13	36	-	-	-	15	37	-	-	-	17	38	-	-	-	19	39	-	-	-	21	40	-	-	-	23	41	-	-	-	25	42	-	-	-	27	43	-	-	-	29	43	-	-	-	31	44	-	-	-	
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Mechanical Data (TYP)	
Casing Material	Aluminum + Lens
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 170g

Optical Data (TYP)	R24	W
Illumination (number of LED)	12	12
Led Color	RED	WHITE
Wavelength	620nm	xy=(0.31,0.32)
Led Package	P4	P4

Electrical Data (TYP)	R24	W
Operating Voltage	24V ± 2%	24V ± 2%
Reverse Battery Protection	YES	YES
Supply Ripple Voltage	≤ Vs ± 5%	≤ Vs ± 5%
Current Consumption	0.10A	0.20A
Power Consumption	2.40W	4.80W
Trigger Voltage	Continuous= 24V Pulsing 48V 0-10% Duty Cycle	Continuous= 24V Pulsing 48V 0-10% Duty Cycle
Operating after 30 minutes	-	Approx. 44°C
Additional Cooling Method	Attached to large machine part	
Life span in continuous mode	20,000 hours (drop to 50% intensity) at 25°C	
Life span in strobe light mode	Est. >50,000 hours (drop to 50% intensity) at 25°C	
Connection	JST SMR-03V, 1:+,3:-	JST SMR-03V, 1:+,3:-
Power Supply Selection	PSA-24V PSD-24V PSD-STL-48V	PSA-24V PSD-24V PSD-STL-48V