

## Line Light

**LLN-i300**


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>30</td><td>28</td><td>28</td><td>28</td></tr> <tr><td>3</td><td>40</td><td>28</td><td>28</td><td>28</td></tr> <tr><td>5</td><td>45</td><td>29</td><td>29</td><td>29</td></tr> <tr><td>7</td><td>48</td><td>29</td><td>29</td><td>29</td></tr> <tr><td>9</td><td>50</td><td>30</td><td>30</td><td>30</td></tr> <tr><td>11</td><td>50</td><td>30</td><td>30</td><td>30</td></tr> <tr><td>13</td><td>50</td><td>30</td><td>30</td><td>30</td></tr> <tr><td>15</td><td>52</td><td>31</td><td>31</td><td>31</td></tr> <tr><td>17</td><td>53</td><td>31</td><td>31</td><td>31</td></tr> <tr><td>19</td><td>54</td><td>32</td><td>32</td><td>32</td></tr> <tr><td>21</td><td>54</td><td>32</td><td>32</td><td>32</td></tr> <tr><td>23</td><td>55</td><td>32</td><td>32</td><td>32</td></tr> <tr><td>25</td><td>55</td><td>33</td><td>33</td><td>33</td></tr> <tr><td>27</td><td>55</td><td>33</td><td>33</td><td>33</td></tr> <tr><td>29</td><td>55</td><td>33</td><td>33</td><td>33</td></tr> <tr><td>31</td><td>55</td><td>33</td><td>33</td><td>33</td></tr> </tbody> </table>	Minute	White (°C)	Red (°C)	Green (°C)	Blue (°C)	1	30	28	28	28	3	40	28	28	28	5	45	29	29	29	7	48	29	29	29	9	50	30	30	30	11	50	30	30	30	13	50	30	30	30	15	52	31	31	31	17	53	31	31	31	19	54	32	32	32	21	54	32	32	32	23	55	32	32	32	25	55	33	33	33	27	55	33	33	33	29	55	33	33	33	31	55	33	33	33	
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Mechanical Data (TYP)	
Casing Material	Aluminum + Lens
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 410g

Optical Data (TYP)	R24	W
Illumination (number of LED)	35	36
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	0.25A	0.60A
Power Consumption	6.00W	14.40W
Trigger Voltage	Continuous= 24V Pulsing 48V 0-10% Duty Cycle	Continuous= 24V Pulsing 48V 0-10% Duty Cycle
Operating after 30 minutes	Approx. 33°C	Approx. 56°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