

Bar Light

LDL-i300x30


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>30</td><td>30</td><td>30</td></tr> <tr><td>3</td><td>35</td><td>32</td><td>32</td><td>32</td></tr> <tr><td>5</td><td>40</td><td>33</td><td>33</td><td>33</td></tr> <tr><td>7</td><td>45</td><td>34</td><td>34</td><td>34</td></tr> <tr><td>9</td><td>48</td><td>35</td><td>35</td><td>35</td></tr> <tr><td>11</td><td>50</td><td>36</td><td>36</td><td>36</td></tr> <tr><td>13</td><td>52</td><td>37</td><td>37</td><td>37</td></tr> <tr><td>15</td><td>54</td><td>38</td><td>38</td><td>38</td></tr> <tr><td>17</td><td>55</td><td>38</td><td>38</td><td>38</td></tr> <tr><td>19</td><td>56</td><td>39</td><td>39</td><td>39</td></tr> <tr><td>21</td><td>57</td><td>39</td><td>39</td><td>39</td></tr> <tr><td>23</td><td>58</td><td>40</td><td>40</td><td>40</td></tr> <tr><td>25</td><td>59</td><td>40</td><td>40</td><td>40</td></tr> <tr><td>27</td><td>60</td><td>40</td><td>40</td><td>40</td></tr> <tr><td>29</td><td>61</td><td>41</td><td>41</td><td>41</td></tr> <tr><td>31</td><td>62</td><td>41</td><td>41</td><td>41</td></tr> </tbody> </table>	Minute	White (°C)	Red (°C)	Green (°C)	Blue (°C)	1	30	30	30	30	3	35	32	32	32	5	40	33	33	33	7	45	34	34	34	9	48	35	35	35	11	50	36	36	36	13	52	37	37	37	15	54	38	38	38	17	55	38	38	38	19	56	39	39	39	21	57	39	39	39	23	58	40	40	40	25	59	40	40	40	27	60	40	40	40	29	61	41	41	41	31	62	41	41	41	
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Mechanical Data (TYP)	
Casing Material	Aluminum
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 370g

Optical Data (TYP)	R	R24	W	G	B
Illumination (number of LED)	360	-	360		
Led Color	RED		WHITE	GREEN	BLUE
Wavelength	640nm		xy=(0.31,0.32)	525nm	470nm
Led Package	T1 3mm Clear		T1 3mm Clear		

Electrical Data (TYP)	R	R24	W/G/B
Operating Voltage	12V ± 2%	-	24V ± 2%
Reverse Battery Protection	YES	-	YES
Supply Ripple Voltage	≤ Vs ± 5%	-	≤ Vs ± 5%
Current Consumption	1.20A	-	1.20A
Power Consumption	14.40W	-	28.80W
Trigger Voltage	Continuous= 12V Pulsing 12-24V 0-10% Duty Cycle	-	Continuous= 24V Pulsing 48V 0-10% Duty Cycle
Operating after 30 minutes	Approx. 42°C		Approx. 63°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-02V, 1:+,2:-	-	JST SMR-03V, 1:+,3:-
Power Supply Selection	PSA-12V PSD-12V PSD-STL-24V	-	PSA-24V PSD-24V PSD-STL-48V