



Diffuse Back Light

FLFL-Si90x40-7mm



Operating Temperature after 30 minutes	Drawing																																																																				
<table border="1"> <caption>Operating Temperature Data (Approximate)</caption> <thead> <tr> <th>Minute</th> <th>Red (°C)</th> <th>Green (°C)</th> <th>Blue (°C)</th> </tr> </thead> <tbody> <tr><td>1</td><td>28</td><td>0</td><td>0</td></tr> <tr><td>3</td><td>35</td><td>0</td><td>0</td></tr> <tr><td>5</td><td>38</td><td>0</td><td>0</td></tr> <tr><td>7</td><td>40</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>42</td><td>0</td><td>0</td></tr> <tr><td>11</td><td>43</td><td>0</td><td>0</td></tr> <tr><td>13</td><td>44</td><td>0</td><td>0</td></tr> <tr><td>15</td><td>45</td><td>0</td><td>0</td></tr> <tr><td>17</td><td>46</td><td>0</td><td>0</td></tr> <tr><td>19</td><td>47</td><td>0</td><td>0</td></tr> <tr><td>21</td><td>48</td><td>0</td><td>0</td></tr> <tr><td>23</td><td>49</td><td>0</td><td>0</td></tr> <tr><td>25</td><td>49</td><td>0</td><td>0</td></tr> <tr><td>27</td><td>50</td><td>0</td><td>0</td></tr> <tr><td>29</td><td>50</td><td>0</td><td>0</td></tr> <tr><td>31</td><td>50</td><td>0</td><td>0</td></tr> </tbody> </table>	Minute	Red (°C)	Green (°C)	Blue (°C)	1	28	0	0	3	35	0	0	5	38	0	0	7	40	0	0	9	42	0	0	11	43	0	0	13	44	0	0	15	45	0	0	17	46	0	0	19	47	0	0	21	48	0	0	23	49	0	0	25	49	0	0	27	50	0	0	29	50	0	0	31	50	0	0	
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Mechanical Data (TYP)	
Casing Material	Aluminum + Diffuse Acrylic
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 120g

Optical Data (TYP)	R	R24	W	G	B
Illumination (number of LED)	-	54	-	-	-
Led Color	RED		-	-	-
Wavelength	635nm		-	-	-
Led Package	PLCC4		-	-	-

Electrical Data (TYP)	R	R24	W/G/B
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	Approx. 50°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:-	-
Power Supply Selection	-	PSA-24V PSD-24V PSD-STL-48V	-