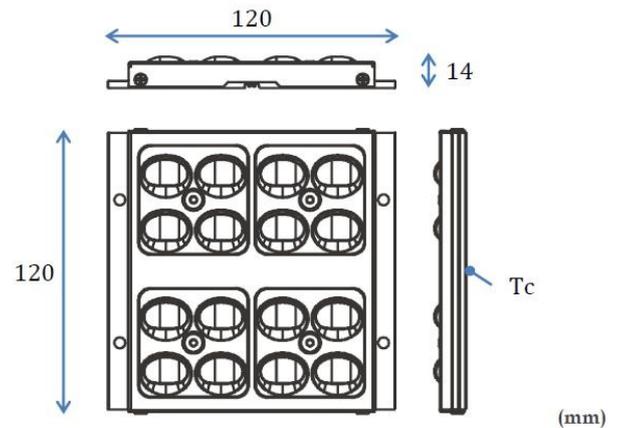




# LB1 - Bitmap

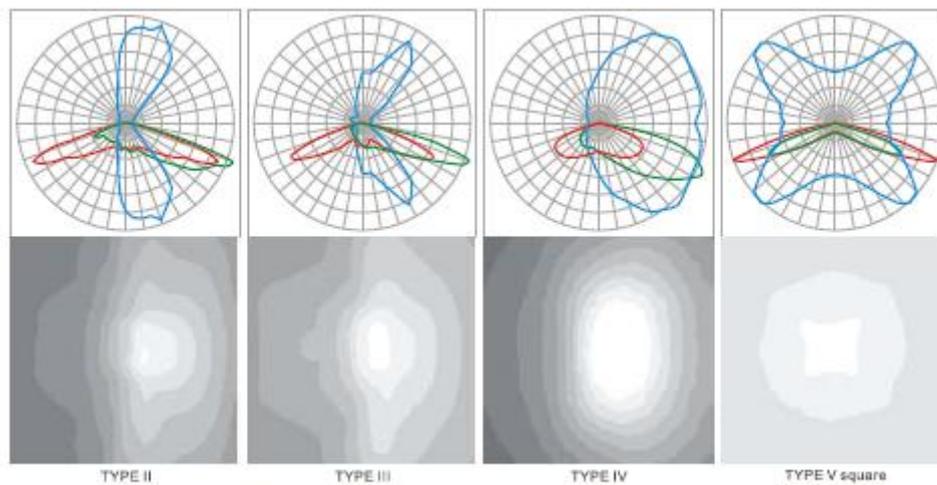


<b>Product Family Name:</b>	Bitmap
<b>Product Family Code:</b>	LB1
<b>LED Brand:</b>	Philips Lumileds/Cree
<b>LED Colour Temp:</b>	3000k-5000k
<b>CRI:</b>	70
<b>Light Source Replaceable:</b>	n/a
<b>Power Supply:</b>	external (not included)
<b>Optical Type:</b>	One piece per 4 LED
<b>Optical Distribution:</b>	Roadway Type I, II, III & IV, Area Type V
<b>Optical Cover/Lens:</b>	n/a
<b>Dimmable:</b>	Yes
<b>Photocell:</b>	n/a
<b>Power Cable:</b>	Yes, 2 core +/-
<b>IP Rating:</b>	IP65
<b>Mounting:</b>	4 fixings M4
<b>Aiming Angles:</b>	set by fixture

<b>Input Voltage:</b>	44v
<b>Control Signal:</b>	Set by driver
<b>Chassis Material:</b>	Folded Stainless Steel
<b>Chassis Colour:</b>	natural
<b>Optical Cover/lens material:</b>	Polycarbonate
<b>Mechanical Accessories:</b>	n/a
<b>Weight:</b>	0.4kg
<b>System Power:</b>	16 to 48w
<b>Luminous flux:</b>	2000 to 5500Lm
<b>LED Luminaire efficacy:</b>	110 to 126Lm/W
<b>Surge Protection</b>	external (not included)
<b>Working Temp:</b>	-40 to +90°C
<b>Lifetime:</b>	>50,000hrs

Bitmap module is designed as a LED light engine for current luminaires, such as street lights or area/site light...etc. With IP65 design it is very easy to install in the luminaire for outdoor use, and constant current input design is well suited to the latest LED drivers (constant current mode).

## Photometry



### Family: LB1

Drive Current	Power (w)	Lumen Output (Lm's) 4000K/5000K	No. of LED
350mA	16	2136/2216	16
500mA	22	2966/3078	16
700mA	31	3800/3900	16
1000mA	48	5300/5500	16

Suitable for use as a retro-fit for:



Street Light



Area Light



Decorative Lighting