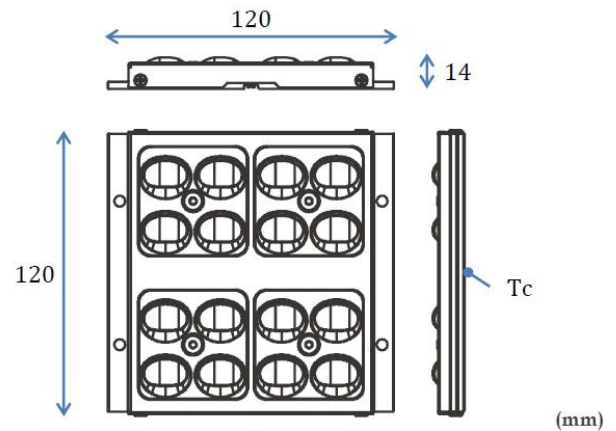


LB1 - Bitmap



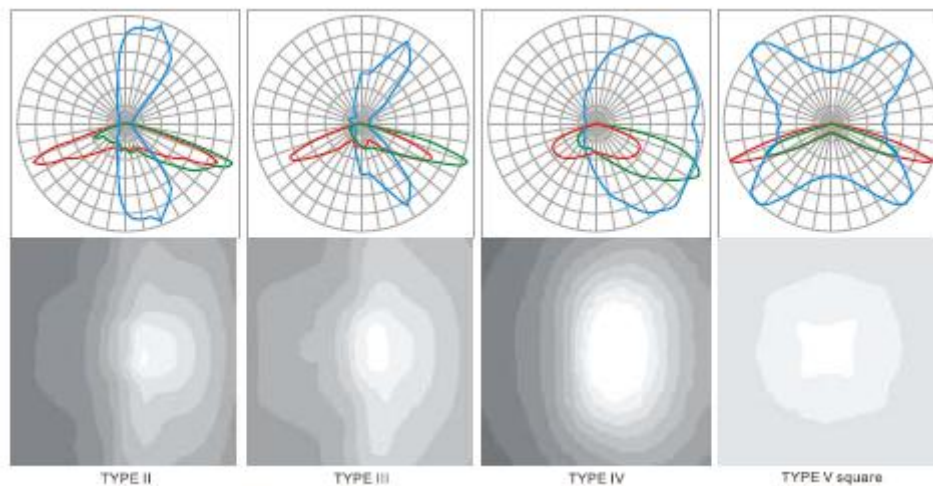
Product Family Name:	Bitmap
Product Family Code:	LB1
LED Brand:	Philips Lumileds/Cree
LED Colour Temp:	3000k-5000k
CRI:	70
Light Source Replaceable:	n/a
Power Supply:	external (not included)
Optical Type:	One piece per 4 LED
Optical Distribution:	Roadway Type I, II, III & IV, Area Type V
Optical Cover/Lens: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

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