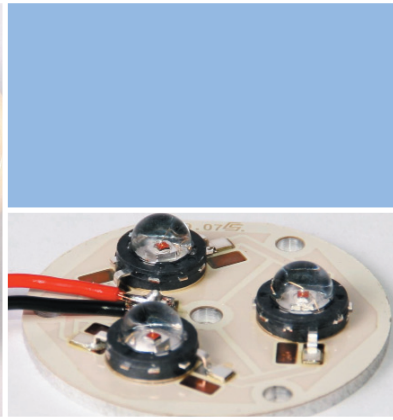


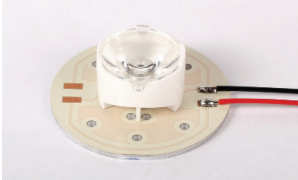
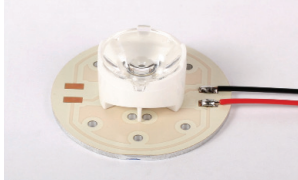
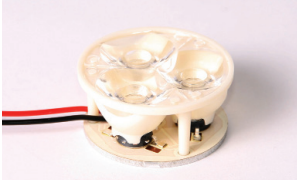
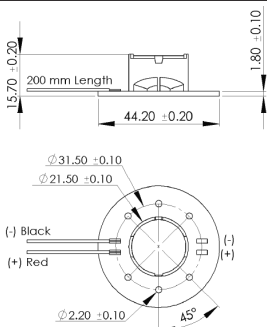
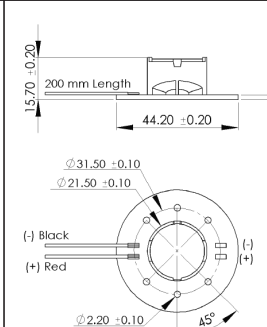
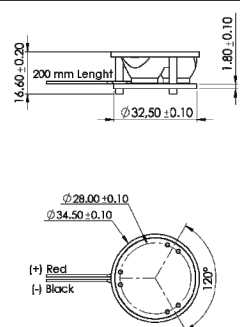
# LED MODULES II

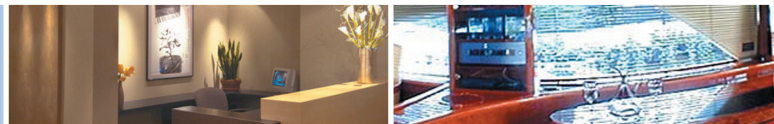


**NEW**

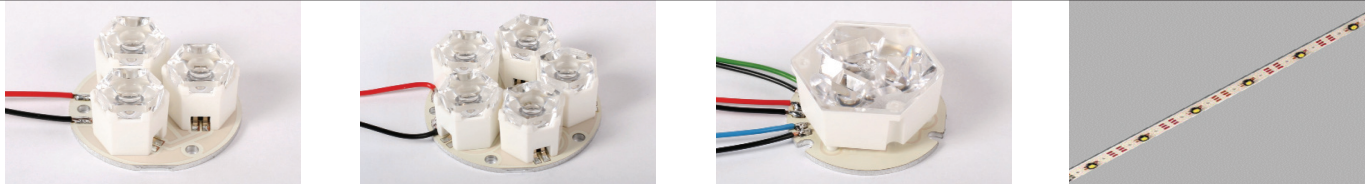


## LEDules2 I,3,4 W

			
<b>Part Number</b>	<b>ILLxB0006x</b>	<b>ILLxB0001x</b>	<b>ILLxB0003x</b>
Description	1W LED module	3W LED module	4W LED module
Luminous Flux	up to 40lm	up to 64lm	up to 96lm
Max input current	350mA	700mA	350mA
Max power consumption	1,2W	2,8W	3,6W
Compatible driver	CMPSCC350S, CMPSCC3507S, CMPSCC35012R, CMPSCC350L	CMPSCC700S, CMPSCC7007S, CMPSCC70012R, CMPSCC70024R,	CMPSCC350S, CMPSCC3507S, CMPSCC35012R, CMPSCC350L
Compatible heat sink	CMHS0445, CMHS0945, CMHS1445	CMHS0445, CMHS0945, CMHS1445	CMHS0445, CMHS0945, CMHS1445
Recommended PCB temp.	65°C	65°C	65°C
Max PCB temperature	100°C	100°C	100°C
Thermal resistance	32 K/W	32 K/W	31 K/W
Projected life (@65° pcb temp.)	50000h	50000h	50000h
Typical lumen maintenance (@65° pcb temp.)	70%	70%	70%
Colour temperature range (WW/CW)	3250K - 6400K	3250K - 6400K	3250K - 6400K
Additional colours	red, green, blue, cyan, amber	red, green, blue, cyan, amber	red, green, blue, cyan, amber
Optics available (full beam angle)	10°, 50°	10°, 50°	11°, 24°
Dimensions	ø44,2mm	ø44,2mm	ø32,5mm
			



## LEDules2 9,14,RGB,8 W



<b>ILLxBx004x</b> 9W LED module	<b>ILLxBx002x</b> 14W LED module	<b>ILLxB0004Q</b> RGB LED module	<b>ILLxB0005x</b> 8W LED strip
up to 225lm	up to 375lm	up to 160lm	up to 240lm
700mA	700mA	700mA	350mA
8,4W	14W	7,5W	7,2W
CMPSCC70012R, CMPSCC70024R, CMPSCC700LR	CMPSCC70024R, CMPSCC700L		CMPSCC3507S, CMPSCC35012R, CMPSCC350L
CMHS0945, CMHS1445	CMHS1445	CMHS0945, CMHS1445	
65°C	65°C	65°C	65°C
100°C	100°C	100°C	100°C
28 K/W	23 K/W	28 K/W	32 K/W
50000h	50000h	50000h	50000h
70%	70%	70%	70%
3000K - 6500K	3000K - 6500K		3250K - 6400K
red, green, blue, cyan, amber	red, green, blue, cyan, amber	-	red, green, blue, cyan, amber
12°, 50°	12°, 50°	12°	-
ø38,6mm	ø44,1mm	ø38,6mm	12,7 x 302,2mm

# LEDULES II



## Drivers

### High Voltage (AC/DC)

Part Number	CMPSCC350S	CMPSCC700S	CMPSCC3507S	CMPSCC7007S	CMPSCC35012R	CMPSCC70012R	CMPSCC70024R
Constant Current	350 mA	700 mA	350 mA	700 mA	350 mA	700 mA	700 mA
Output Voltage(V)	12V Max.	6V Max.	24V Max.	12v Max.	4V - 40V	4V - 20V	4V - 40V
Output Power	4,2W Max.	4,2W Max.	8,4W Max.	8,4W Max.	14W Max.	14W Max.	24W Max.
Max. temp. at Tc	70°C	70°C	70°C	70°C	75°C	75°C	75°C
Dimensions	43x42x23 mm	43x42x23 mm	66x35x27 mm	66x35x27 mm	135x39x31 mm	135x39x31 mm	170x42x33 mm
Weight	55g	55g	80g	80g	115g	115g	150g
Input Voltage (VAC)	100-240V	Short Circuit Protection Yes		Overvoltage Protection Yes		Ambient Temp. -10°C - +50°C	
Input frequency (Hz)	50/60 Hz	Overload Protection Yes		Thermal Protection Yes		Storage Temp. -40°C - +85°C	

### Low Voltage (DC/DC)

Part Number	CMPSCC350L	CMPSCC700L	Inverse-polarity Protection	Yes
Primary Voltage (VDC)	5,2 - 35V	5,8 - 35V	Short Circuit Protection	Yes
Drop Voltage (VDC)	1,8V	2,5V	Thermal Protection	Yes
Output Current	350mA	700mA	Ambient Temperature	-40°C - +85°C
Output Power (W)	12W Max.	24W Max.	Dimension	23(L) x 23(W) x 7(H)mm
Efficiency	85 - 93%	70 - 90%	Weight	22g

## Heat Sinks

Part Number	CMHS0445	CMHS0945	CMHS1445
Metal Alloy	AL99,5 (220W/mk)	AL99,5 (220W/mk)	AL99,5 (220W/mk)
Weight	13,8g	45,3g	74g
Thermal Specification			
Mounting by	Clamp, thermal adhesive or adhesive foil CML recommends BERQUIST Bnd-Ply 100	Clamp, thermal adhesive or adhesive foil CML recommends BERQUIST Bnd-Ply 100	Clamp, thermal adhesive or adhesive foil CML recommends BERQUIST Bnd-Ply 100
Dimensions			

## How to build a LEDules 2 part number

ILL	X	B	x000	X	X	(X)		O	not wired
							Wiring		wired
							Colour and beam identification	A	cold white narrow beam blank
							Power identification	B	warm white narrow beam
							Internal Code: 0000 (1000 = 9W, 14W in whites only)	C	blue narrow beam
							Revision No.	D	cyan narrow beam
							Optic assembly code	E	green narrow beam
							Illuminating LED light	F	amber narrow beam
								G	red narrow beam
								H	cold white wide beam
								I	warm white wide beam
								J	blue wide beam
								K	cyan wide beam
								L	green wide beam
								M	amber wide beam
								N	red wide beam

Note:     options only with a 3 (with optics version)