



# Cobra-Bitmap

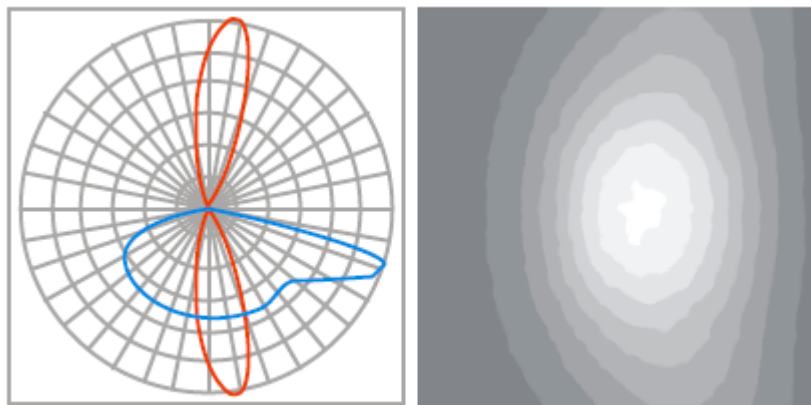
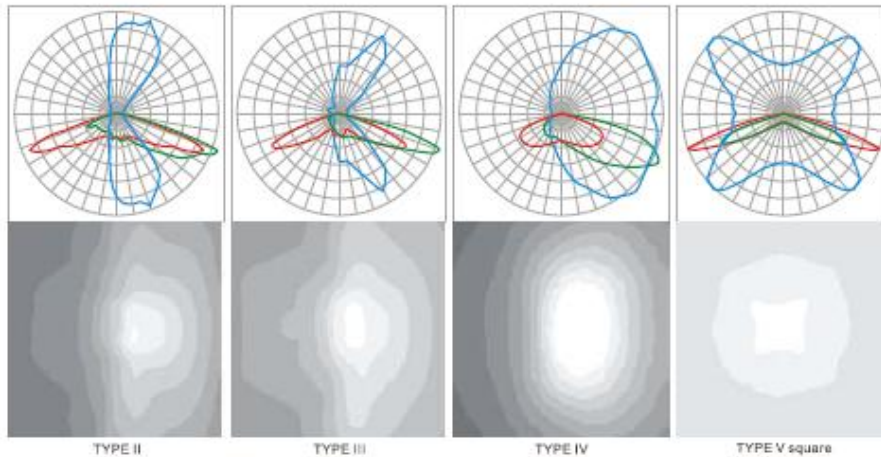


## COBRA Bitmap 'Luxeon T' LED

<b>Product Family Name:</b>	Cobra-Bitmap	<b>Input Voltage:</b>	120v to 277v
<b>Product Family Code:</b>	CobraBitmap>No.LED<>KLM><PC?<>ColourTemp	<b>Input Frequency:</b>	50-60Hz
<b>LED Brand:</b>	Philips Lumileds Luxeon T	<b>Control Signal:</b>	Optional - 0-10v or DALI or WIMAC
<b>LED Colour Temp:</b>	3000k-5000k		
<b>CRI:</b>	72	<b>Chassis Material:</b>	Die-cast aluminium
<b>Light Source Replaceable:</b>	Yes	<b>Chassis Colour:</b>	Two tone grey (Any colour on request)
<b>Power Supply:</b>	Integrated	<b>Optical Cover/lens material:</b>	Glass
<b>Optical Type:</b>	Roadway Type I, II, III & IV, Area Type V	<b>Mechanical Accessories:</b>	Mounting adapter included
<b>Optical Distribution:</b>	Multi Layer	<b>Weight (Kg):</b>	0.237 / 0.425 / 0.751
<b>Optical Cover/Lens:</b>	PMMA - One piece per 4 LED	<b>Windage (m²):</b>	0.237 / 0.425 / 0.751
<b>Dimmable:</b>	OPTIONAL	<b>System Power:</b>	8 to 200w
<b>Photocell:</b>	Optional (add N=Nema or MC=Minicell)	<b>Luminous flux:</b>	1KLM to 13.5KLM
<b>Power Cable:</b>	Optional	<b>LED Luminaire efficacy:</b>	135Lm/w
<b>IP Rating:</b>	IP65	<b>Surge Protection</b>	10KV
<b>Mounting:</b>	PT-42 to 76mm, SE-42-76mm (adapters supplied)	<b>Working Temp:</b>	-40 to +55°C
<b>Aiming Angles:</b>	-5° to +10°	<b>Lifetime:</b>	>100,000hrs (L90, B100, F10)
		<b>UMSUG:</b>	Available soon



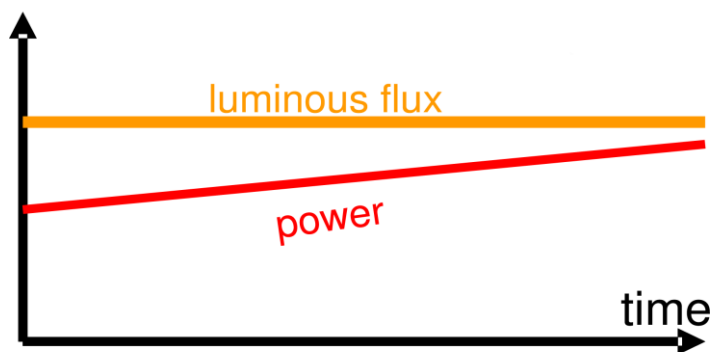
## Photometry



Roadway

## Optional Equipment

Constant Light output



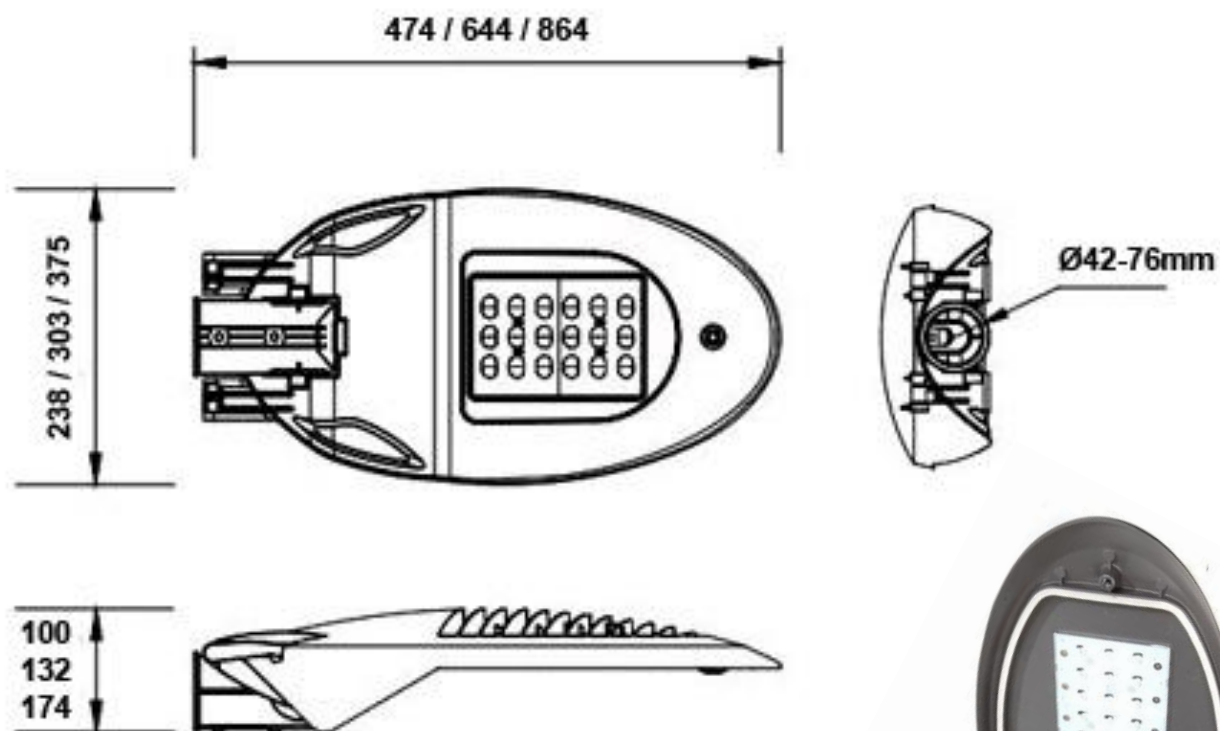
constant luminous flux over the whole life time of the luminaire

CMS control and dimming





Available in 3 body sizes





## The facts and figures...

### Lumen Output (Lm)

	Colour: 4000K			
No. of LED	350mA	500mA	700mA	1050mA
8	1068	1483	2050	2850
16	2136	2966	4100	5700
24	3204	4449	6150	8550
32	4272	5932	8200	11400
40	5340	7415	10250	14250
48	6408	8898	12300	17100
56	7476	10381	14350	19950
64	8544	11864	16400	22800
72	9612	13347	18450	25650

LED Circuit Voltage	Body Size
22	1
44	1
66	2
88	2
110	2
132	2
154	3
176	3
198	3

### Power Consumption (w)

	Colour: 4000K			
No. of LED	350mA	500mA	700mA	1050mA
8	8.4	11.5	16.272	25.2
16	16.8	23	32.544	50.4
24	25.2	34.5	48.816	75.6
32	33.6	46	65.088	100.8
40	42	57.5	81.36	126
48	52	75	105	155
56	58.8	80.5	113.904	176.4
64	67.2	92	130.176	201.6
72	75.6	103.5	146.448	226.8

### Lumen Output (Lm)

	Colour: 5000K			
No of LED	350mA	500mA	700mA	1050mA
8	1108	1539	2100	2950
16	2216	3078	4200	5900
24	3324	4617	6300	8850
32	4432	6156	8400	11800
40	5540	7695	10500	14750
48	6648	9234	12600	17700
56	7756	10773	14700	20650
64	8864	12312	16800	23600
72	9972	13851	18900	26550

LED Circuit Voltage	Body Size
22	1
44	1
66	2
88	2
110	2
132	2
154	3
176	3
198	3

### Power Consumption (w)

	Colour: 5000K			
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