



Cobra-Bitmap

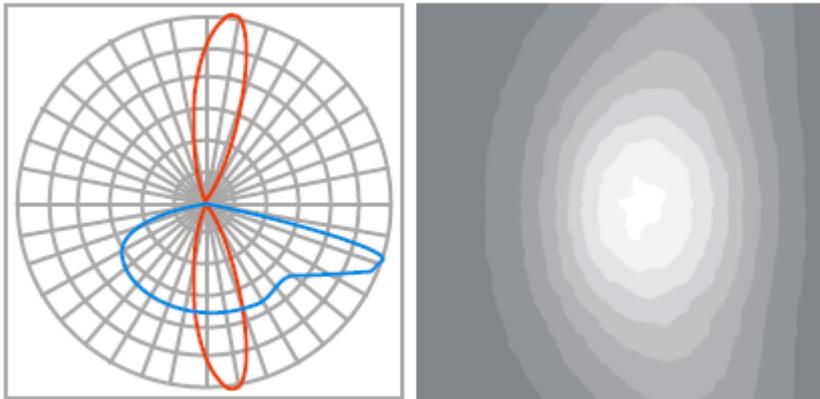
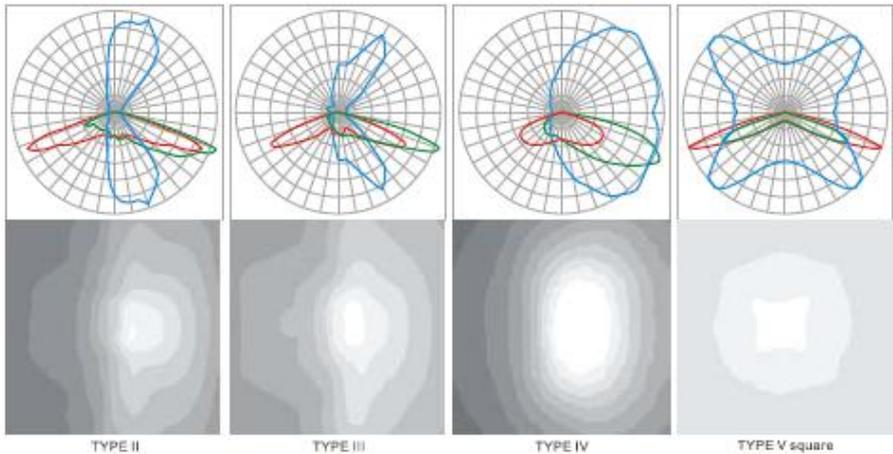


COBRA Bitmap 'Luxeon T' LED

Product Family Name:	Cobra-Bitmap	Input Voltage:	120v to 277v
Product Family Code:	CobraBitmap>No.LED<>KLM><PC?<>ColourTemp	Input Frequency:	50-60Hz
LED Brand:	Philips Lumileds Luxeon T	Control Signal:	Optional - 0-10v or DALI or WIMAC
LED Colour Temp:	3000k-5000k	Chassis Material:	Die-cast aluminium
CRI:	72	Chassis Colour:	Two tone grey (Any colour on request)
Light Source Replaceable:	Yes	Optical Cover/lens material:	Glass
Power Supply:	Integrated	Mechanical Accessories:	Mounting adapter included
Optical Type:	Roadway Type I, II, III & IV, Area Type V	Weight (Kg):	04/06/2011
Optical Distribution:	Multi Layer	Windage (m²):	0.237 / 0.425 / 0.751
Optical Cover/Lens:	PMMA - One piece per 4 LED	System Power:	8 to 200w
Dimmable:	OPTIONAL	Luminous flux:	1KLM to 13.5KLM
Photocell:	Optional (add N=Nema or MC=Minicell)	LED Luminaire efficacy:	135Lm/w
Power Cable:	Optional	Surge Protection	10KV
IP Rating:	IP65	Working Temp:	-40 to +55°C
Mounting:	PT-42 to 76mm, SE-42-76mm (adapters supplied)	Lifetime:	>100,000hrs (L90, B100, F10)
Aiming Angles:	-5° to +10°	UMSUG:	Available soon



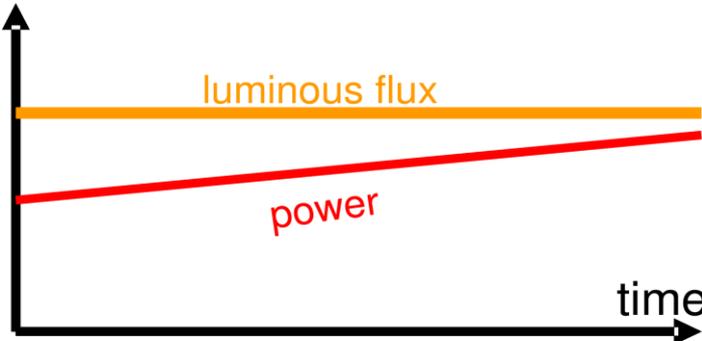
Photometry



Roadway

Optional Equipment

Constant Light output



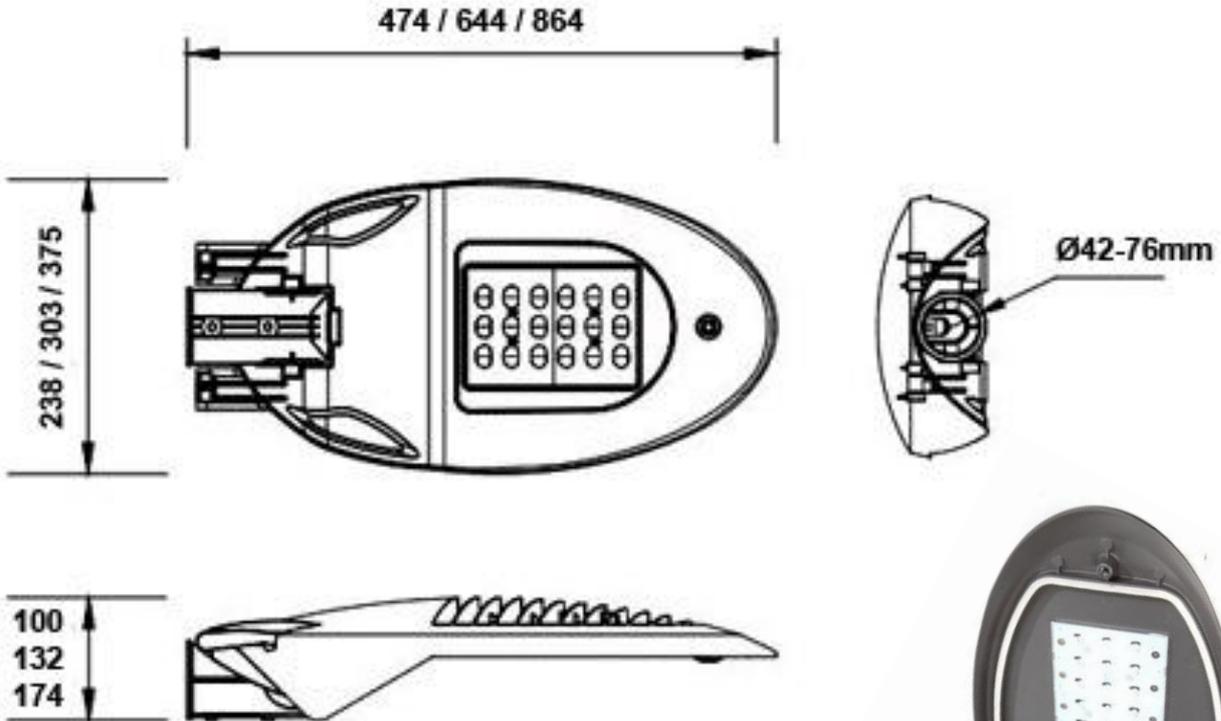
constant luminous flux over the whole life time of the luminaire

CMS control and dimming





Available in 3 body sizes





The facts and figures...

Lumen Output (Lm)

No. of LED	Colour: 4000K			
	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)

No. of LED	Colour: 4000K			
	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)

No of LED	Colour: 5000K			
	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)

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	350mA	500mA	700mA	1050mA
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