

# Certaflux DL-S 1000lm



**PHILIPS**

## 1. General Electrical

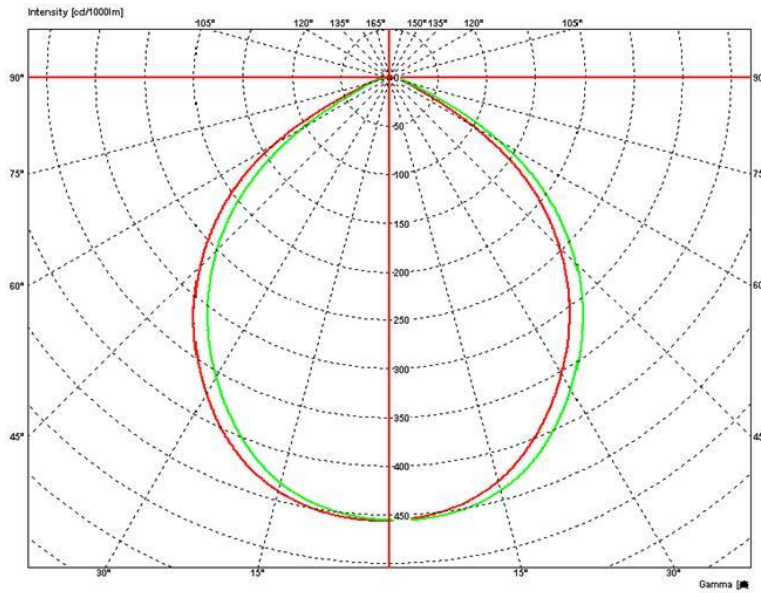
General And Electrical Requirements						
Name	Value	Unit	Tolerance	Remarks		
Commercial type	DL-S 1000/830 DL-S 1000/840					
Application	Indoor luminaries, 220-240V voltage range					
Voltage	220~240	V		AC		
Frequency	50/60	Hz				
Current @230V AC 50HZ	0.06	A		Typical		
Power @230V AC 50HZ	12.8	W		Typical		
Power factor	0.9			Min		
Dimming	Non-dimmable					
THD @ 220V~240V	20	%		Max		
Driver Specification (Ta=25°C)						
Description	Symbol	Min	Typ	Max	Units	Comments
Input						
Voltage	$V_{IN}$	220	230	240	V	
Current	$I_{IN}$	50	59	69	mA	
Frequency	$f_{LINE}$	47	50/60	63	Hz	
Output						
Voltage	$V_{OUT}$	---	68	---	V	
Total output power	$P_{OUT}$	10.5	11.6	12.7	W	(Start-Up)
		10.5	11.6	12.7	W	stable state
Efficiency	$\eta$	88	90	---		

## 2. Optics

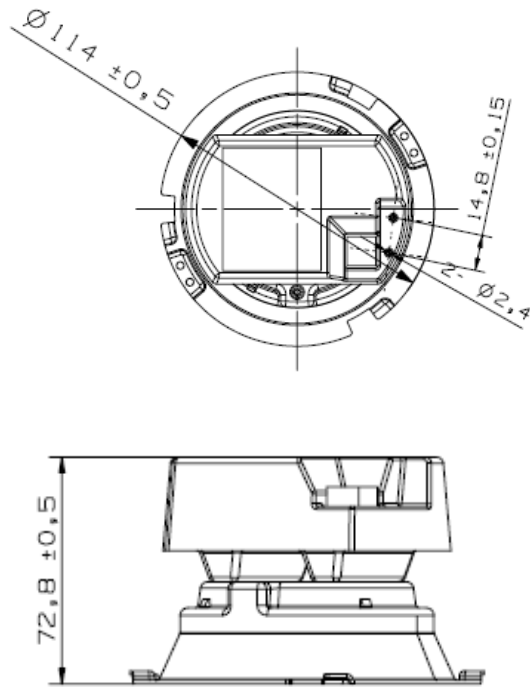
Symbol	Parameter	Conditions ( $T_a = 25^\circ\text{C}$ , @ 1 hrs)	Value			Unit
			Min.	Typ.	Max.	
3000/4000K	Luminous flux	$V_{\text{mains}} = 230\text{V}$		950/1000		Lm
Module 3000K	Module Efficacy	$V_{\text{mains}} = 230\text{V}$		74		Lm/ W
Module 4000K	Module efficacy	$V_{\text{mains}} = 230\text{V}$		78		Lm/ W
$CT_{3000K}$	Target color		5SDCM (0.4339, 0.4032)			
$CT_{4000K}$	Target color		5SDCM (0.3818, 0.3796)			

### Note:

- 1) Beam Diagram as below:



### 3. Mechanics



Dimension	Value			Unit
	Min.	Typ.	Max.	
Outer Diameter	113.5	114	114.5	mm
Height	72.3	72.8	73.3	mm

### 4. Absolute maximum ratings

Symbol	Parameter	Conditions	Value			Unit
			Min.	Typ.	Max.	
<b>Environment operational</b>						
T <sub>amb</sub>	Ambient temperature		-20	25	40	°C
V <sub>in</sub>	Input voltage	RMS	198	220-240	264	V <sub>ac</sub>
f	Mains frequency		47	50/60	63	Hz
H <sub>op</sub>	Relative humidity	Non condensing	10		90	%

## 5. Lifetime / Lumen Maintenance

Lumen depreciation in operating hours	B50/L70 @ 25Khrs @ 25C ambient, non F-mark
Average operating time per year	4000 hrs
Average number of on/off switching cycles over life time	1 cycle/day

Notes: Ambient temperature is defined **below** the ceiling

## 6. Ordering

Certaflux DL-S 1000lm/830 220-240V	9290 008 80006	692341079806700
Certaflux DL-S 1000lm/840 220-240V	9290 008 80106	692341079808100

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