

## LED Sidelight

**MODEL NO: KL2W015W**

Emitting color: White

All dimension are referred to sampling.  
We'll send you definitive drawing once received your P.O.

Gentile Cliente,

desideriamo ricordarle che il dispositivo sidelight industrializzato per la produzione, pur mantenendo inalterate le caratteristiche ottiche ed elettriche rispetto al prototipo nelle sue mani, potrà subire delle variazioni alle dimensioni dovute ad esigenze meccaniche e produttive .

Queste variazioni saranno in ogni modo calibrate, progettate e concordate passo-passo secondo le sue esigenze.

Ringraziandola per la collaborazione, restiamo a Vostra completa disposizione per ulteriori chiarimenti.

Cordiali saluti

**Simone Bassi**

(ufficio tecnico)

[s.bassi@khatod.com](mailto:s.bassi@khatod.com)

**Khatod Optoelectronic**

Dear Customer,

it's important to remember that definitive mass production Sidelight will maintain electrical and optical characteristics of prototype Sidelight, while dimensions could be adapted to mechanical and production requirements.

Of course these adaptations will be calibrated and designed according to customer needs.

Don't hesitate to contact us should you need any additional information.

Kind regards,

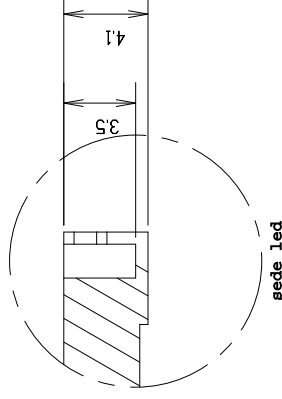
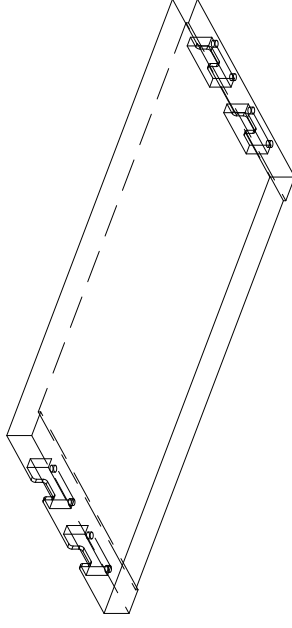
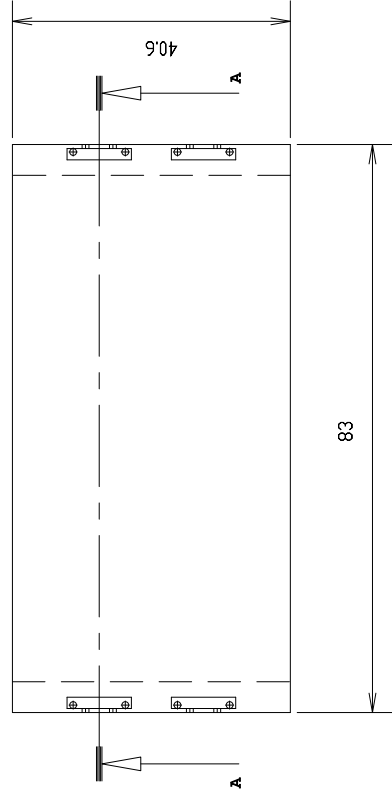
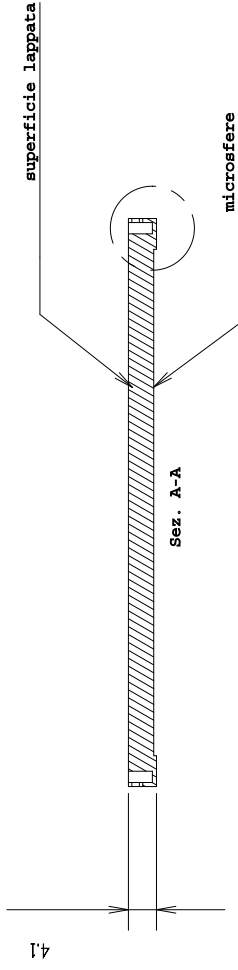
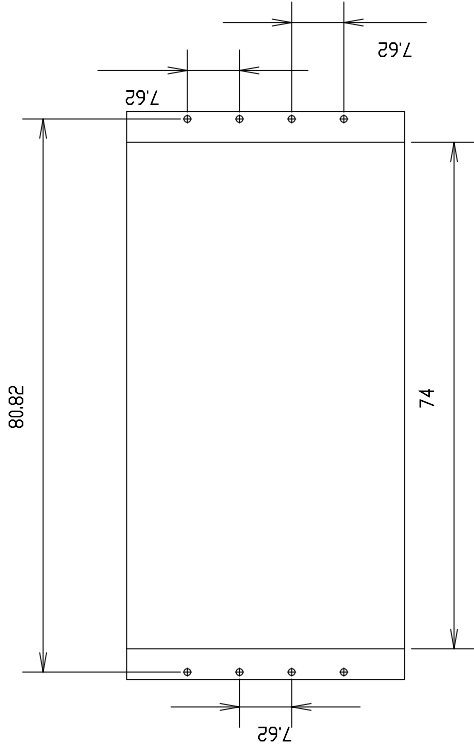
**Simone Bassi**

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**Khatod Optoelectronic**

NEW SKALARK - NEW PUNARO CATERINA



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<b>PRODOTTORE :</b> LED Sidelight <b>COMBIBRA :</b>		<b>NUMERO :</b> KL24015C <b>DATA :</b>
<b>PRODOTTORE :</b> Administrator <b>VERSIONE :</b>		<b>DATA :</b> 23/08/2004 <b>NUMERO :</b>
<b>PRODOTTORE :</b> KHATOD Via Montalone,41 Casale Balduino MILANO ITALIA WWW.KHATOD.COM		<b>VERSIONE :</b> IM SB <b>NUMERO :</b> 23/08/2004 <b>NUMERO :</b> Optical PC <b>NUMERO :</b> 1 : 1
TUBO IN DIMENSIONI IN M. 		<b>NUMERO :</b> 1 : 1 <b>NUMERO :</b> 1dl. 1

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### Sidelight characteristics

#### Electrical and Optical Characteristics at Ta = 25°C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Number of LEDs	--	--	--	--	--	4
Luminosity intensity	Iv	If =20mA	--	103	--	Cd/sqm
Peak Emission Wavelength	$\lambda_p$	If =20mA	--	X=0.33 Y=0.34		Typical Chromaticity coordinates

#### Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward current	If	80	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-30 to +85	°C
Storage Temperature	Tstg	-30 to +85	°C
Soldering Temperature	Tsol	260 for 5 sec.	°C
Power dissipation	Pd	960	mW

### LED characteristics

#### Electrical and Optical Characteristics at Ta = 25°C

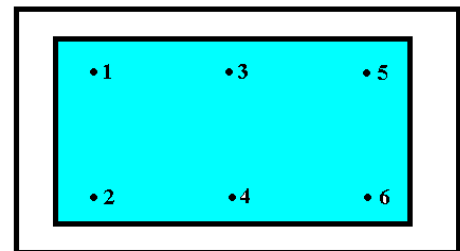
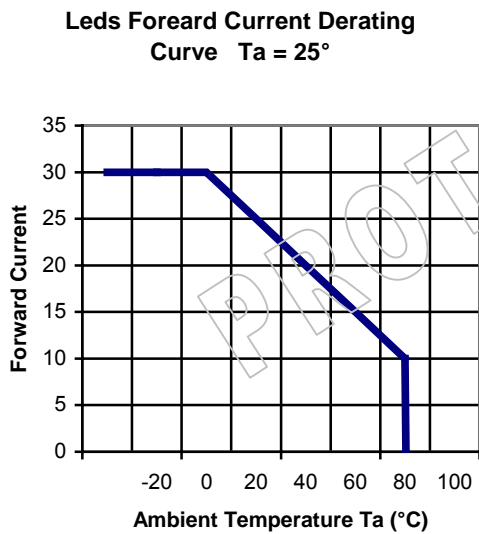
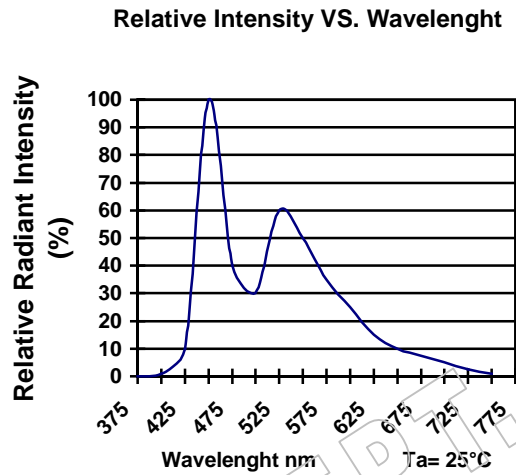
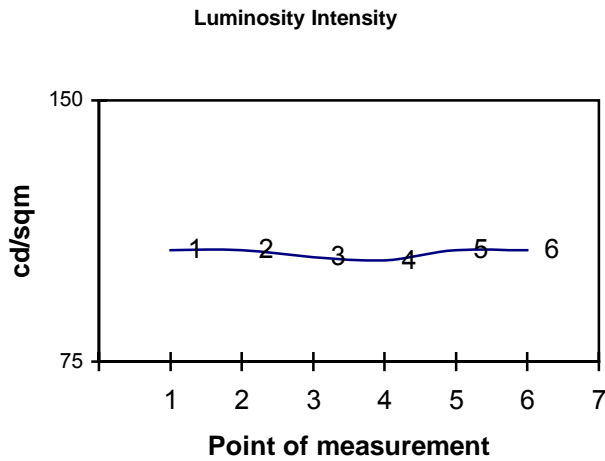
Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	Vf	If =20mA	--	7	8	V
Reverse current	IR	VR=5V	--		10	$\mu$ A
Luminosity intensity	Iv	If =20mA	380	600	--	mcd
Peak Emission Wavelength	$\lambda_p$	If =20mA		X=0.33 Y=0.34	--	Typical Chromaticity coordinates
Power dissipation	Pd				240	mW

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**Typical Electro-Optical Characteristic curve**



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<b>Date:</b> 14/01/2005	<b>Drawing</b> Bassi Simone	<b>Approved</b> R.Cattaneo
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<b>Customer</b> CASTELLINI	<b>Ref. Mr</b>	<b>Sig.</b>
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<b>Notes</b>	Backlight KL2W015 + KP18000 + ETI105RIFL + ETI015DIFF	<b>Led Code</b> KP-18000 KA-9219/2QWC-D (KINGBRIGHT)
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<b>Iv (mcd) LED</b> 600	<b>No. of LED</b> 4
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