

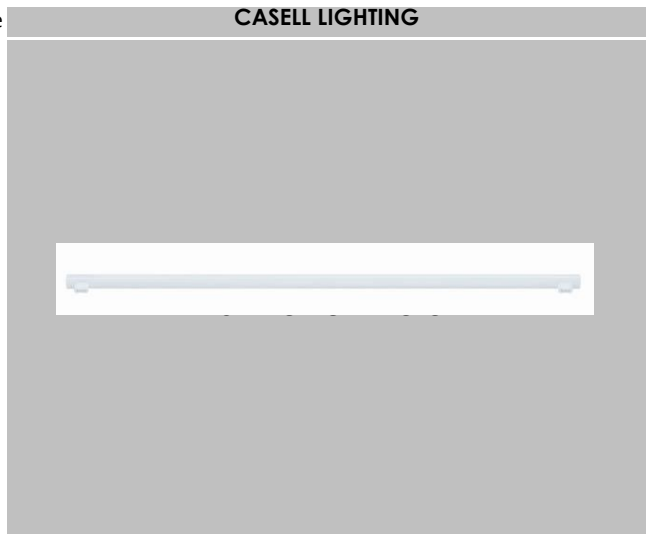
suppliers item no. **ARL16S14S-82D-CA**  
 date of issue

supplier name

**CASELL LIGHTING**

detailed description of the item

ARL16S14S-82D-CA
16W,S14s,220-240V,2700K,1000lm
80mA,A,PF>0.90,1000mm
country of origin
CHINA



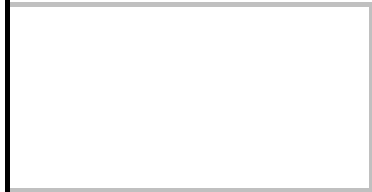
**TECHNICAL DATA**

- according to EN regulations 244/2009 and 1194/2012 -

lamp type	LED	LED, Halogen, ...
socket type	S14s	GU10, E27, ...
Voltage	220-240	230V AC, 12V DC, ...
q'ty and type of LED	82pcs SMD	xx SMD, DIP, COB
LED brand	Sanan	CREE, Epistar...
light color	warm white	Warmwhite...
current	80	in mA

socket materials	plastic
bulb materials	plastic
(if plastic, type of )	

nominal lamp power	16	Watt	EN1194 annex I I I
nominal luminous flux	1000	in Lumen	3.1.2. a) 1.1. table 1
<i>flux: by 90° cone If beam angle &lt;90° / by 120° cone if beam angle &gt;=90° and &lt;=120° / total flux if beam angle &gt;120°</i>			1.1. table 1
nominal lifetime	25,000	in hours	3.1.2. b)
color temp. in Kelvin	2,700	2700K, 4000K, ...	3.1.2. c)
switching cycles before premature failure	100,000	no. of cycles	3.1.2. d)
warm-up time >60%	0.2	in seconds	3.1.2. e)
dimmmable / non d.?	dimmmable		3.1.2. f)
type of dimmer		leading/trailing	3.1.2. g)
special environment		T <sub>a</sub> in °C	3.1.2. h)
item diameter	30	mm	3.1.2. h)
item length	1000	mm	3.1.2. i)
nominal beam angle	270.0	in °	3.1.2. i)
efficiency	62.5	autom. Filled in Lumen/Watt	3.1.2. m)
equivalent to filament bulb	120	in Watts	3.1.2. n)
mercury content	0.0	in milligrams	3.1.3. b)
rated pwr consump.	16.0	in Watts 0,1 step	3.1.3. c)
rated useful luminous flux by 90° cone		in Lumen	3.1.3. d)
rated lamp life time	25,000	in hours	3.1.3. e)
lamp power factor	0.90		3.1.3. f)
lumen maintenance factor	80	in %	3.1.3. g)
starting time X,X	0.5	in seconds	3.1.3. h)
color rendering index	80	(CRI)	3.1.3. i)
color consistency	6	steps, LED only	3.1.3. j)
rated peak intensity	605	in Candela	3.1.3. k)
rated beam angle	270	in °	3.1.3. l)
outdoor/industrial use	yes	yes or no	3.1.3. m)
Chromaticity coordinate	0.46000	0.42000 x - y	
Spectral power distribution 180-800nm	Please provide separately, as advised on next table!		3.1.3. m)



Size	
width	mm
depth	mm
length with socket	1000.0 mm
length w/o socket	mm
Diameter	30.0 mm
item net weight	kgs

EEI energy eff. index 0.21

Energy efficiency label **A**

Please state within A++ and E