

### Features

• Ceiling recessed LED downlight. With the help of DIP Switch multiple lumen outputs can be set up in 6 steps (5.8W 780lm, 7.5W 1050lm, 9W 1250lm, 11.5W 1600lm, 13W 1750lm, 15.5W 2050m, 17W 2230lm, 19.5W 2530lm). Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver ; 4000K; UGR <19 with shallow product depth 60mm. Meets TP(a) requirements.

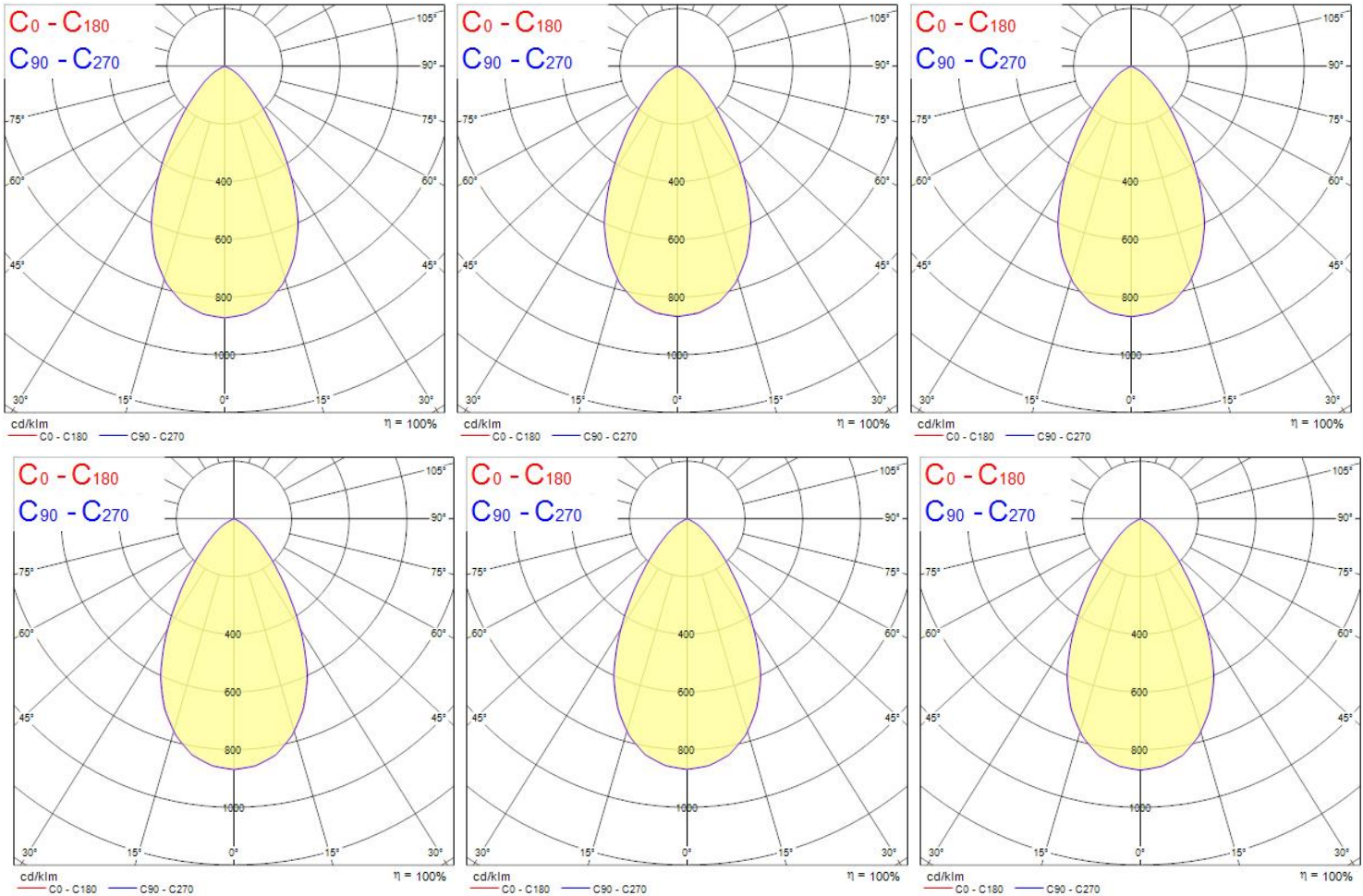
### Product Overview

<b>Product name</b>	Insaver Slim U19 IP44 225 Multipower 780-2530lm 840
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting
<b>General application</b>	Hospitality, Office, Retail
<b>ETIM Class</b>	EC001744
<b>E-number FI</b>	4278489
<b>Fixture luminous flux (lm)</b>	2530
<b>Luminaire efficacy (lm/W)</b>	130
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	3
<b>Beam Angle (°)</b>	60
<b>Glare control</b>	< 19
<b>Photobiological Risk Group</b>	RG1
<b>Total power consumption (W)</b>	19.5
<b>Electrical protection</b>	Class II

## Insaver Slim U19 IP44 225 Multipower 780-2530lm 840 0030389

Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303895
Warranty	5 years
Dimming method	N/A

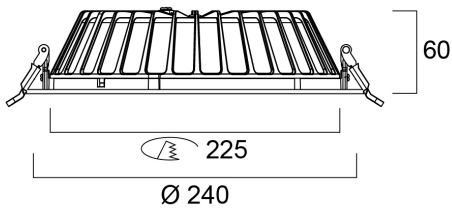
### Photometry



## Insaver Slim U19 IP44 225 Multipower 780-2530lm 840 0030389



## Technical drawings



## Data table

### GENERAL DATA

Product name	Insaver Slim U19 IP44 225 Multipower 780-2530lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278489
Warranty	5 years

### OPTICAL DATA

Fixture luminous flux (lm)	2530
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Luminaire efficacy (lm/W)	130
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	19.5
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	10.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	450
Inrush Current (A)	4.92
Inrush Duration ( $\mu$ s)	102
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	62
Max. Luminaires per 13A C Breaker	81
Max. Luminaires per 16A C Breaker	100

## Insaver Slim U19 IP44 225 Multipower 780-2530lm 840 0030389

Max. Luminaires per 20A C Breaker	125
Max. Luminaires per 16A B Breaker	51

### LIFETIME DATA

Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L90 B10	39000

### PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Silver
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.83

### PACKAGING

Single packaging type	Carton
Product EAN number	5410288303895
Packaging single length / height (cm)	25.5
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.0
DUN14 (outer)	15410288303892
Units per outer package	12
Packaging outer length / height (cm)	52.5
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	26.0

### SAFETY DATA

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<b>Optimal operating condition (°C)</b>	-10-40
<b>Special purpose lamp</b>	No
<b>Dry applications use only</b>	No
<b>Suitable for household illumination</b>	No