

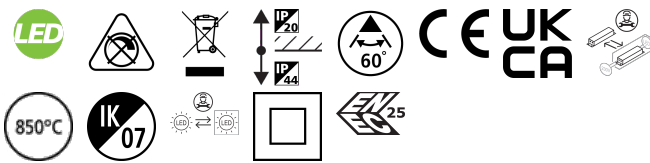
INSAVER SLIM 205/225 MULTIPOWER

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



Product 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

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
ETIM Class	EC001744
E-number FI	4278489
Warranty	5 years
Fixture luminous flux (lm)	2530
Luminaire efficacy (lm/W)	130
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	19.5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303895

DATA TABLE

General data

INSAVER SLIM 205/225 MULTIPOWER

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

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
Luminaire efficacy (lm/W)	130
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
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) 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 (µs)	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 205/225 MULTIPOWER

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

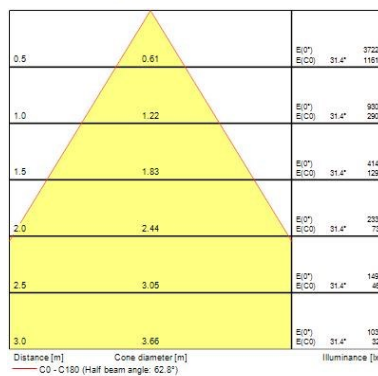
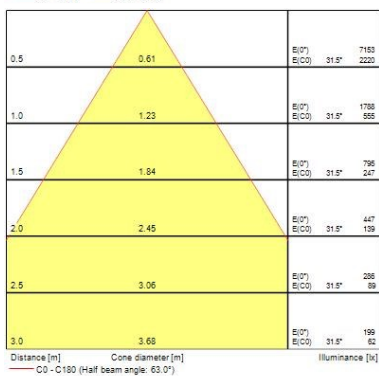
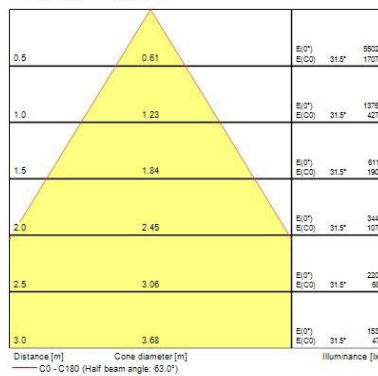
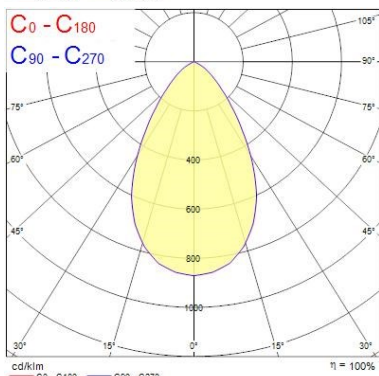
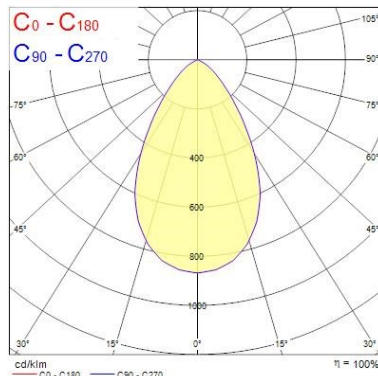
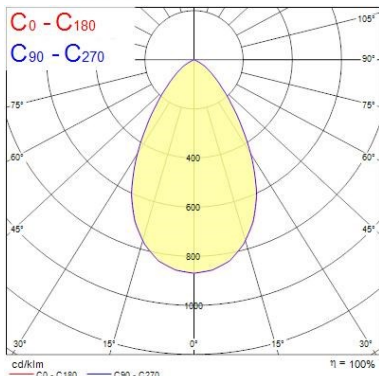
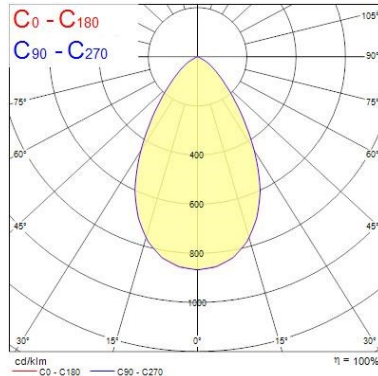
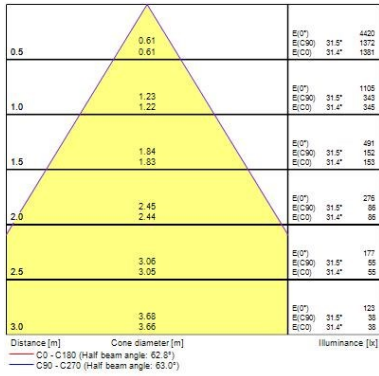
Safety data

Optimal operating condition (°C)	-10-40
----------------------------------	--------

PHOTOMETRY

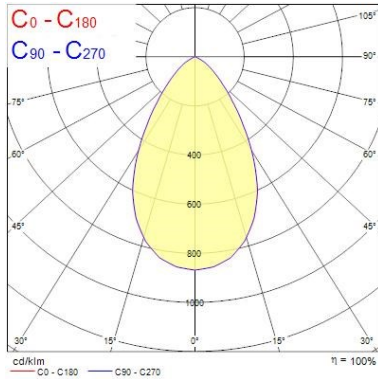
INSAVER SLIM 205/225 MULTIPOWER

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



INSAVER SLIM 205/225 MULTIPOWER

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

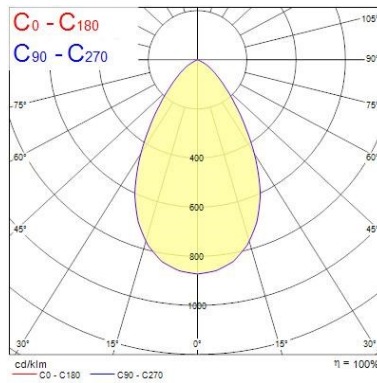


Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(31.5°) E(C270)	Illuminance [lx]
0.5	0.61	7785	2416	
1.0	1.23	1941	604	
1.5	1.84	853	268	
2.0	2.45	495	151	
2.5	3.06	311	97	
3.0	3.68	216	61	

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 63.0°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(31.5°) E(C270)	Illuminance [lx]
0.5	0.61	6127	1903	
1.0	1.23	1532	476	
1.5	1.84	651	211	
2.0	2.45	383	119	
2.5	3.06	245	78	
3.0	3.68	170	53	

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 63.0°)



TECHNICAL DRAWINGS

