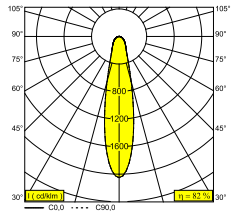
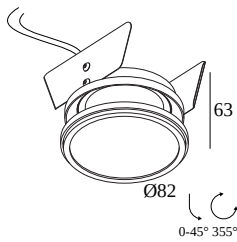




HALOSCAN ST HP SOFT 93021

23115 9020 W

AVAILABLE IN
BLACK 23115 9020 B
WHITE 23115 9020 W



 [View on website](#)



General info	
LOCATION	indoor
INSTALLATION	Ceiling Recessed
CUTOUT SHAPE/SIZE (MM)	round - 70
RECESSED DEPTH (MM)	55
THICKNESS OF MOUNTING SURFACE (MM)	min.1
INGRESS PROTECTION	IP20
WEIGHT (KG)	0.3
ADJUSTABILITY	0° to 45° swiveling, 355° rotatable
INFORMATION	LENS FL-21° EXCL.DIMMABLE LED POWER SUPPLY 350mA-DC

Electrical info	
CLASS	III
DIM TYPE	depending on power supply
ENERGY CLASS	E
CERTIFICATES	CB, ENEC

Lightsource info	
LIGHTSOURCE NAME	LED
LIGHTSOURCE	LED array 11,8W / CRI>90 (R9: 50) / 3000K-1800K / 1307lm
TM-30 VALUES	rf: 90 / Rg: 99
SDCM	SDCM2
RISKGROUP	RG1
LM80	L90B10 > 50000
BEAMANGLE	21°
LED TECHNICS (LIGHT SOURCE)	1307lm // 11,8W // 110lm/W
LED TECHNICS (LUMINAIRE)	1071lm // 13,6W // 79lm/W

Requirements
LED POWER SUPPLY 350mA-DC DIM

Accessories
HALOSCAN HONEYCOMB
HALOSCAN LINEAR SPREAD LENS

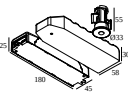
For detailed installation instructions, please consult the manual : [23115_XXX0_HAND.pdf](#)

CEILING COMPATIBILITY

Ceiling Type	Mounting Kit
 System ceiling	-
 Plasterboard	-
 Wood	-
 Concrete	-
 Concrete + plaster	-
 Lintel + plaster	-
 Hollow-core slab + plaster	-
 Stretched ceiling	-

FINISH YOUR SPECIFICATION

Emergency units

	21032 0270 B EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER B	☐
	21032 0270 W EMERGENCY UNIT 7W / 1h + LED INDICATOR HOLDER W	☐

LED power supplies

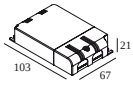
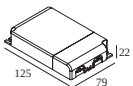
of Fixtures

 # of fixtures indicates how many devices can be connected (min -> max) to the power supply. The values before and after the '|' correspond respectively with the minimum and maximum driving current. Values between brackets are applicable to 110V.

Min current | Max current

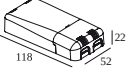
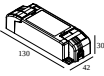
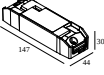
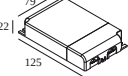
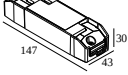
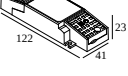
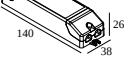
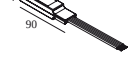
HALOSCAN ST HP SOFT 93021

23115 9020 W

	300 48 350 ED1 LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM1	1	☐
	Dimtype: 1-10V		
	Cutout dimension (mm): 30		
	300 48 350 ED5 LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5	1	☐
	Dimtype: DALI		
	Cutout dimension (mm): 45		
	300 48 350 MDL LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W MDL	1	☐
	Dimtype: non-dimmable		
	Cutout dimension (mm): 30		
	300 48 350 WDL LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W WDL	1	☐
	Dimtype: WDL = wireless dimmable		
	Cutout dimension (mm): 45		
	300 90 61 LED POWER SUPPLY MULTI-POWER DIM6	1	☐
	Dimtype: mains (phase cut-off) or push button		
	Cutout dimension (mm): 56		
	300 90 63 LED POWER SUPPLY MULTI-POWER DIM9	2(2)	☐
	Dimtype: 1-10V or DALI or push button		
	Cutout dimension (mm): 82		
	300 90 64 LED POWER SUPPLY MULTI-POWER DIM7	1(1)	☐
	Dimtype: 1-10V or push button		
	Cutout dimension (mm): 72		
	300 90 67 LED POWER CONVERTER 24V-DC TO MULTI CURRENT 48W DIM9	1	☐
	Dimtype: 1-10V or DALI or push button		
	300 90 68 LED POWER SUPPLY MULTI-POWER DIM5	1(1)	☐
	Dimtype: DALI		
	Cutout dimension (mm): 72		
	300 90 69 LED POWER SUPPLY MULTI-POWER HV DIM9	3(3)	☐
	Dimtype: 1-10V or DALI or push button		
	Cutout dimension (mm): 84		

HALOSCAN ST HP SOFT 93021

23115 9020 W

	300 90 124 LED POWER SUPPLY MULTI-POWER DIM7 Dimtype: 1-10V or push button Cutout dimension (mm): 55	1(1)	☐
	300 90 125 LED POWER SUPPLY MULTI-POWER MINI DIM5 Dimtype: DALI Cutout dimension (mm): 55	1(1)	☐
	21012 0021 LED POWER SUPPLY MULTI POWER DIM1 Dimtype: 1-10V Cutout dimension (mm): 54	1	☐
	21012 0035 LED POWER SUPPLY MULTI POWER DIM5 Dimtype: DALI Cutout dimension (mm): 54	1	☐
	21012 004W LED POWER SUPPLY MULTI-POWER WDL Dimtype: WDL = wireless dimmable Cutout dimension (mm): 84	2(2)	☐
	21012 005W LED POWER SUPPLY MULTI-POWER COMPACT WDL Dimtype: WDL = wireless dimmable Cutout dimension (mm): 54	1	☐
	21012 0268 LED POWER SUPPLY MULTI POWER 200-350 / 15W DIM8 Dimtype: mains (phase cut-off) Cutout dimension (mm): 50	1	☐
	21012 0298 LED POWER SUPPLY MULTI POWER 250-900 / 20W DIM8 Dimtype: mains (phase cut-off) Cutout dimension (mm): 48	1	☐
	21032 0295 LED POWER CONVERTER 48V-DC to 350 mA-DC / 15W DIM5 Dimtype: DALI Cutout dimension (mm): 30	1	☐

DELTALIGHT

HALOSCAN ST HP SOFT 93021

23115 9020 W

Light altering devices



² **23110 0040** HALOSCAN LINEAR SPREAD LENS

Ø72

☐



² **23110 0050 B** HALOSCAN HONEYCOMB B

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Notes: