Inset LED light
Type IL241D ZHR

This very flat inset light was developed for demanding use on apron and taxiways. The requirements according to EASA CS-ADR-DSN Issue 6 (released March 29, 2022) are fulfilled. It is suitable for taxiway systems of categories I to III.

Due to its modular design, the LED unit including power supply unit fits onto existing upper sections and thus enables a resource-saving conversion from IL241 halogen to LED technology.

The IL241D is controlled by constant input voltage with PowerLineControl PLC.

Lights with PLC are controlled and monitored via the lighting bus system BBS. The light intensity is programmed according to the specifications, and operating data from the light is continuously transmitted to the BBS.

Technical data

Casing	Aluminium casting	
Protection	IP 68	
Weight	7.1kg (without shallow base and screws M10x30)	
Source of light	LED	
Temperature	-25°C to +70°C	
Fixation	screwed	
Tension	48V AC max.	
Power Pmax.	HPL y/y	22W
	SCL y/y	22W
	TCL b/b	16W
	TCL y/y	18W
	TCL g	11W
	TCL g/g	20W
	TCL o/o	22W
	TSB r	11W
	TSB r/r	16W
Light intensity	HPL y	215 cd
	SCL y	244 cd
	TCL b	410 cd
	TCL y	635 cd
	TCL g	871 cd
	TCL o	410 cd
	TSB r	760 cd

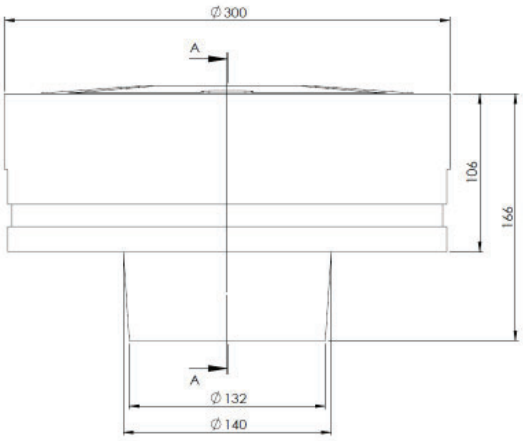
Execution and Accessory

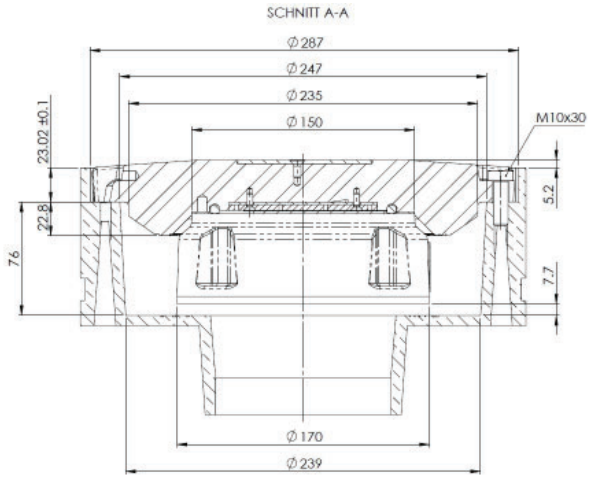
Drainage	with (HPL, TCL, TSB) without (SCL)
Cable length	max. 250 m (for PLC)
Accessory	shallow base blind cover screws etc.

Order Information

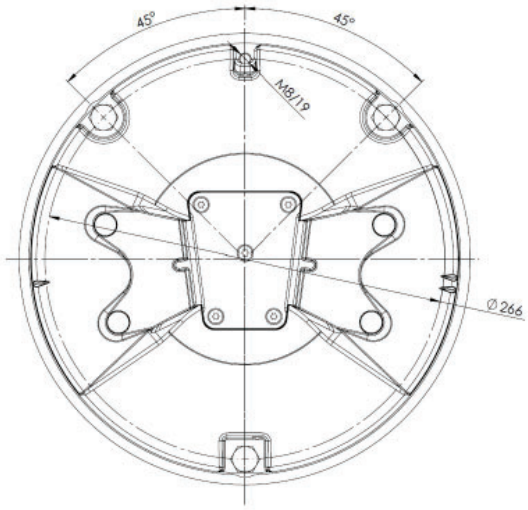
Order number	IL241D/v-aaa/ZHR-c1/c2-P-C-o	
Version (v)	1	unidirectional beam
	2	bidirectional beam
Function (aaa)	HPL	hold position
	SCL	stand center line
	TCL	taxiway center line
	TSB	taxiway stop bar
Color code (c1/c2) (Main beam A/B)	-	none
	g	green
	r	red
	y	yellow
Option (o)	RF	Retrofit

Side view





Bottom view



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