

Elevated LED light

Type EL640D_{vc}

This microprocessor-controlled, bidirectional and elevated light was developed for demanding use along the runway. It is used as an approach and/or runway edge light. The requirements according to EASA CS-ADR-DSN Issue 6 (released March 29, 2022) are fulfilled. It is suitable for category I to III runway systems.

Thanks to the programmable power supply unit, the brightness levels can be adapted very flexibly to the customer's needs depending on the input voltage.



Technical data

Casing	Aluminium casting, powder coated RAL 1028	
Protection	IP 65	
Weight	6.5 kg (without base plate)	
Source of light	LED	
Temperature	-25°C to +70°C	
Fixation	clamped	
Tension	parallel system 9 - 48V AC max.	
Brightness levels	1%, 3%, 10%, 30%, 100%	
Power Pmax.	APH w/w	88W
	ASR r	upon request
	REL r/y, y/r	upon request
	REL y/w, w/y	upon request
	REL w/w	upon request
	RWE r	upon request
	THR g	upon request
Light intensity (main beam)	APH white	min. 20'000 cd
	ASR red	min. 5'000 cd
	REL yellow	min. 4'000 cd
	REL red	min. 1'500 cd
	REL white	min. 10'000 cd
	RWE red	min. 2'500 cd
	THR green	min. 10'000 cd

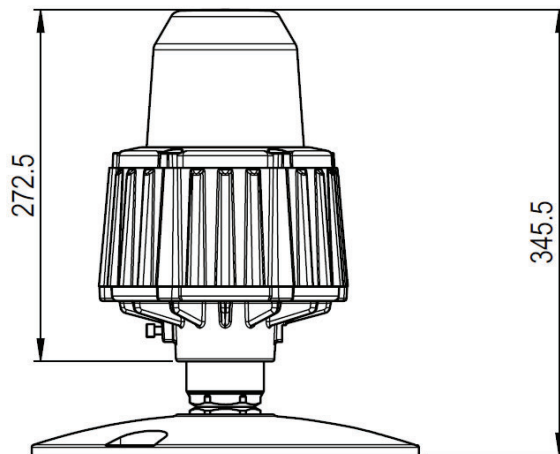
Execution and Accessory

Accessory	Tube support with pre-determined breaking point, base plate, cable bracket, bird deterrent, transformer, alignment tool, assembly aids for maintenance
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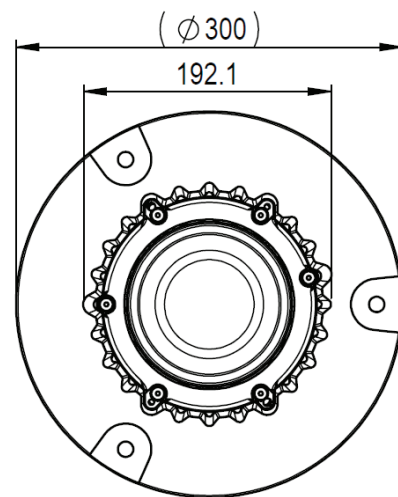
Order Information

Order number	EL640D/mt-aaa/VC-c1/c2-d1/d2-P-0	
Main beam (m)	1	unidirectional
	2	bidirectional
Toplight (t)	0	none
	1	unidirectional
	2	bidirectional
Function (aaa)	APH approach center line and crossbars	
	ASR approach side row	
	REL runway edge	
	RWE runway end	
	THR threshold	
Color code (c1/c2) - (Main beam A/B)	g	green
	r	red
	w	white
	y	yellow
Color code (d1/d2) - (Toplight A/B)	g	green
	i	infrared
	r	red
	w	white
	y	yellow
Type	P	parallel system
Controls	0	voltage controlled

Side view



Top view



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