F.P.H. Art Metal Sp.j.

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23F ANTARES 24-36 LED

Construction:

The unit consist of a body. A shade is mounted to the luminary body with a ring.
A disk separating electrical compartment from lighting compartment, is attached to a luminary body.
A LED light sources radiatoris settled to the disk. LED modules are mounted to the radiator with a set of lenses, by screws. The modules are powered with a power supply. The luminary is sealed with a gasket. As an option, we equip the luminary with a ZHAGA socket.

Mounting instructions:

*) - Screw the LED light sources with a lenses to the radiator.
*) - Connect the electrical cables according to the scheme.
- Tighten bolts to mount a disk to the luminary body.
- Mount the shade to the body with a ring. Tighten mounting bolts.
- The luminary is mounted to the lantern with a M20 thread (hanged luminary).

If any lantern elements are supplied factory-mounted, the mounting stages marked with *) should be omitted (as this has already been done by the manufacturer).

Technical data:

- *Power:* ***~220-240V / 50-60Hz***
- *Ambient/work temperature :* ***-40ºC do +40ºC***
- *Protective class:* ***I or II***
- *Ingress protection code:* ***IP66***
- *Mechanical impact protection code:* ***IK10***
- *Surge protection:* ***to 10kV***
- *Life time:* ***L90, B10 >100 000h***
- *Controls method:* ***1-10V, DALI, Ampdim, Dynadimmer,***

as an option ***- socked ZHAGA with SR driver (D4i),***

Pn [W]	Light source	G5 (RA80) - Luminous flux [lm]			G5 (RA70) - Luminous flux [lm]				HE - Luminous flux [lm]				UHE - Luminous flux [lm]		If [mA]
		2700K (827)	3000K (830)	4000K (840)	2200K (722)	2700K (727)	3000K (730)	4000K (740)	2200K (722)	2700K (727	3000K (730)	4000K (740)	3000K (730)	4000K (740)	
25W	24-LED	2876	3031	3204	2762	3061	3400	3663	3307	3351	3688	3790	4067	4127	300
32W	24-LED	3739	3940	4166	3592	3979	4422	4764	4361	4404	4849	4984	5362	5443	400
39W	24-LED	4568	4814	5090	4387	4861	5374	5820	5395	5426	5977	6144	6631	6731	500
46W	24-LED	5366	5656	5980	5154	5712	6348	6840	6410	6417	7073	7272	7876	7995	600
54W	24-LED	6138	6470	6841	5895	6534	4862	7827	7408	7378	8137	8367	9099	9236	700
61W	24-LED	6887	7259	7677	6614	7331	8151	8783	8389	8308	9168	9429	10299	10455	800
36W	36-LED	4314	4546	4806	4144	4591	5101	5494	4960	5026	5532	5684	6100	6191	300
47W	36-LED	5609	5911	6249	5387	5969	6633	7145	6542	6606	7274	7475	8043	8164	400
58W	36-LED	6851	7220	7634	6581	7292	8140	8731	8093	8139	8966	9216	9947	10097	500
69W	36-LED	8049	8483	8970	7731	8568	9522	10260	9615	9626	10610	10908	11815	11992	600
80W	36-LED	9207	9705	10262	8843	9801	10895	11740	11112	11067	12205	12550	13648	13854	700
92W	36-LED	10330	10889	11515	9921	10997	12226	13175	12584	12462	13752	14143	15448	15682	800
97W	36-LED	10879	11468	12128	10448	11582	12877	13878	13311	13141	14507	14920	16337	16584	850

Luminous flux values shall be declared for ambient temperature 25ºC. The class of modules used assumes 5% tolerance of the declared luminous flux value. The weight of the unit may slightly differ for individual production batches.

Sign:L-023L-01-05

Last revision: 2026.09.09

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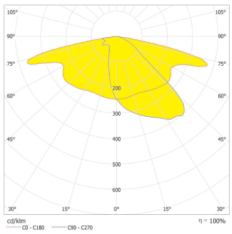
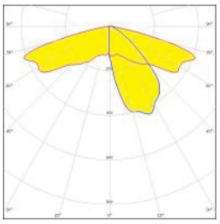
Available lenses - *Photometry (polar plot)* :


1. ME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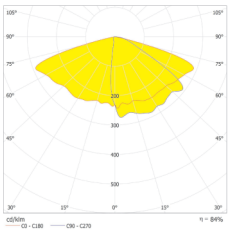
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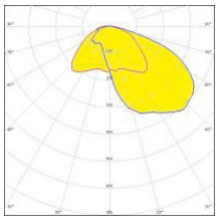
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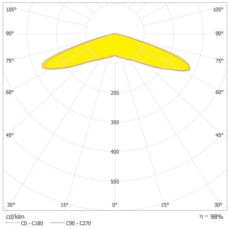
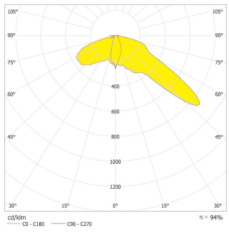
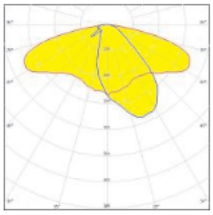
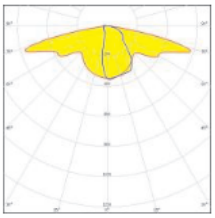
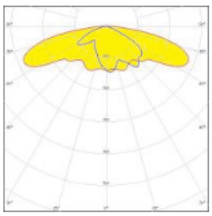
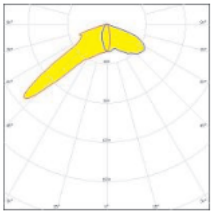

5. VSM


6.PX

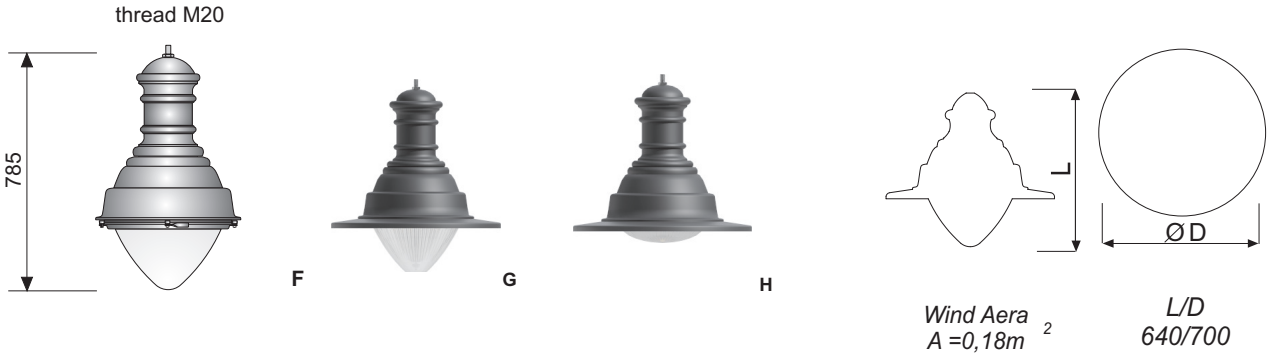

7.DWC


8.DWC-PC

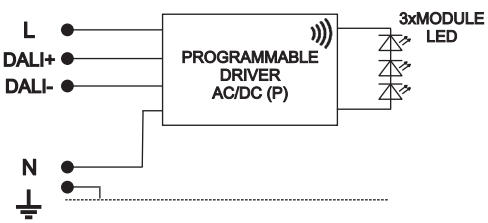

9.XW


10.PXL

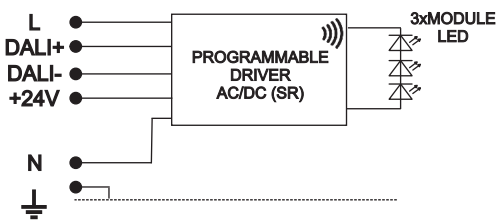
Versions/assembling:



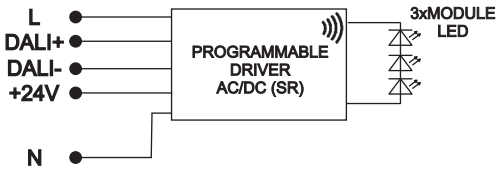
Electrical diagrams:



1. Light source LED
(basic version - programmable driver)



2. Light source LED (I Class)
(version as an option - Sensor Ready driver)



3. Light source LED (II Class)
(version as an option - Sensor Ready driver)

-programmable driver (P) enables programming of a five-steps power reduction, surge protection to 10kV
-programmable driver (SR) enables to be powered wireless communication devices, via a ZHAGA socket, surge protection to 10kV
-detailed specifications of the power supplies include catalogue cards of their manufacturers, which we provide on request