

## PAPI - LED Precision Approach Indicator

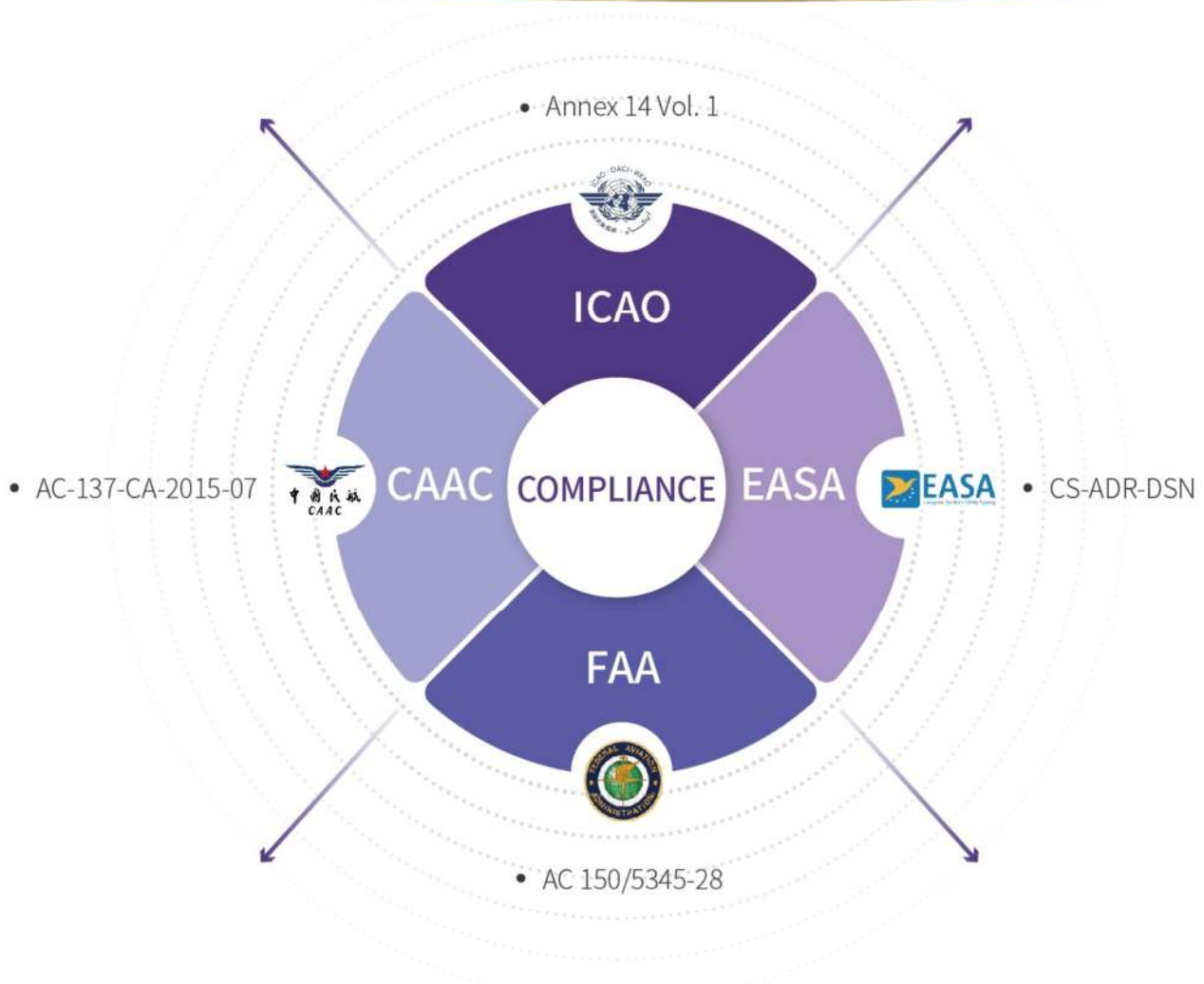
# AIRFIELD GROUND LIGHTING SOLUTIONS



Provisional Data Sheet

PAPI-LED Precision Approach Path Indicator

## PAPI - LED Precision Approach Indicator



### FEATURES

- \* Aluminium alloy light body and high quality powder coating give an excellent weather resistance (IP65)
- \* Stable three-point supporting structure and accurate adjustment of elevation angle
- \* Precise positioning of optical components and clear transition from white to red
- \* Top brand LED light source with a life expectancy of over 50,000 hours
- \* Optimized thermal design lowers the operating temperature of the electrical driver and increases service life
- \* Waterproof breathable valve prevents internal condensation
- \* Lamp fault alarm and tilt alarm allow quick troubleshooting

## TECHNICAL DATA



### ENVIRONMENTAL



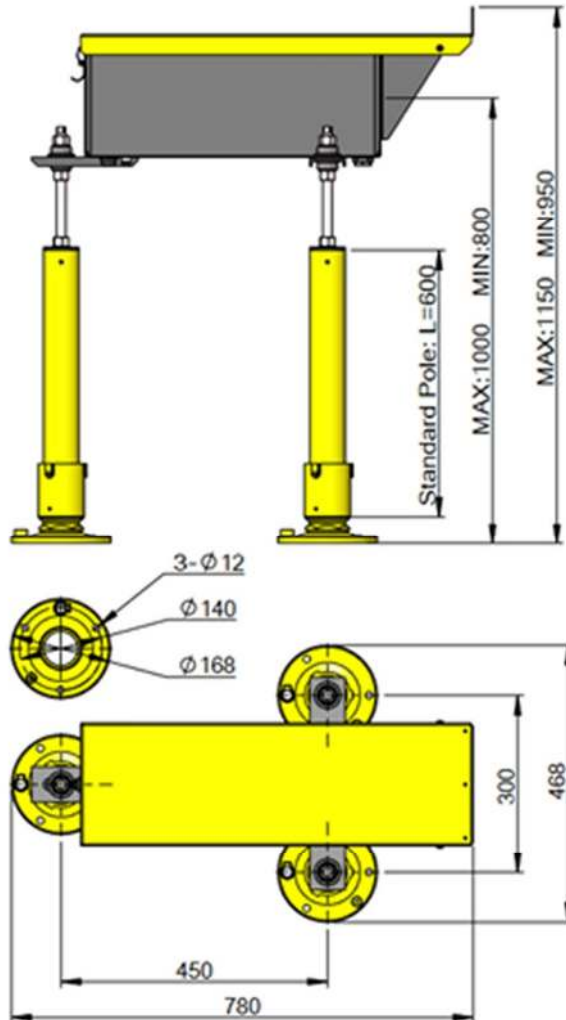
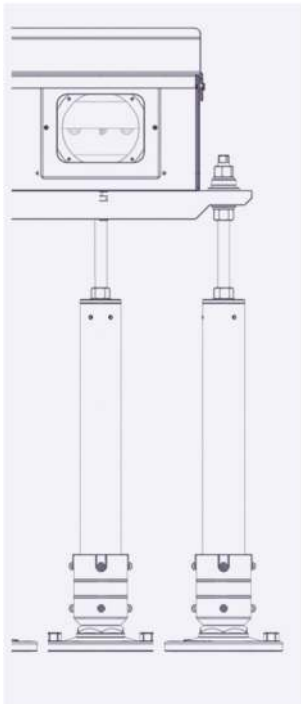
### ELECTRICAL

- Light Source  
2 x LED Bar
- Connection  
FAA L-823
- Rated Input Current  
6.6A
- Power Consumption  
57W
- Emission  
IEC 61000-6-4
- Immunity  
IEC 61000-6-2
- Service Life  
LED useful lamp life > 50000h



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## DIMENSIONS



## PACKAGING



Dimensions:

Net Weight: 24 Kg

\* Packaging is subject to upgradation. Above data are reference values.

# LED Precision Approach Path Indicator PAPI

## PHOTOMETRICS

B\Beta	-10.0°	-9.0°	-8.0°	-7.0°	-6.0°	-5.0°	-4.0°	-3.0°	-2.0°	-1.0°	0.0°	1.0°	2.0°	3.0°	4.0°	5.0°	6.0°	7.0°	8.0°	9.0°	10.0°
4.0°	107.5	2738	10112	17818	25527	28294	29989	31927	31329	34481	37356	39824	34408	30628	31355	32272	30387	25334	15491	8256	612
3.5°	112.4	3134	10499	17552	26983	31372	31898	35766	35228	40170	45103	45819	42071	33515	37285	36532	35441	29946	17964	10473	786.8
3.0°	115.4	3092	9966	19466	28687	34530	34063	38398	37090	43095	48113	46711	40621	34111	38336	37882	36371	30207	17912	8725	706.7
2.5°	117.8	2128	9895	19919	29816	35919	36903	39270	37984	41597	47367	45805	39023	34429	38551	38048	36569	29526	18957	8777	428.1
2.0°	117.7	6241	12364	21386	32989	36468	39485	38970	37860	42555	46195	46740	35751	35473	36573	37445	34654	29769	18268	9543	264.8
1.5°	118.4	1623	13556	22707	35487	40308	43500	42581	40613	45657	50704	50322	39468	36371	38986	38186	36746	32051	20004	12255	460
1.0°	124	3003	14048	25159	38356	45284	47282	45533	43107	52063	56104	55442	45852	41684	43853	40339	41485	33600	21229	11206	1132
0.5°	356	2911	11660	22667	34661	42699	45327	44867	43146	50776	56142	55316	49132	43276	44944	41082	41964	34384	22097	11627	1379
0.0°	177	2453	7216	10794	13759	14873	13596	13177	11948	14728	17545	16856	13938	13094	14289	13566	15155	15749	11685	8445	1131
-0.5°	115.3	699.6	4942	9620	15414	19192	20312	21475	20660	24117	25896	25959	24023	20706	21710	19631	20352	16889	10176	4522	257
-1.0°	109.9	538.5	5485	9387	13555	17726	19790	20733	20528	22981	24861	24897	20487	19849	19524	19003	18918	16120	9685	4220	179.6
-1.5°	106.7	296.6	4718	8364	14179	16368	18772	19253	19999	20149	23344	23589	18575	18235	18438	18557	17539	13455	9362	4524	164.3
-2.0°	126.5	638.3	4333	8718	13487	16827	18458	19534	19007	19877	23316	23050	18821	18232	18295	18668	17875	14668	9204	3462	163.6
-2.5°	98.36	768.3	4108	8008	13145	16863	17321	19613	18769	20012	23509	22997	21121	17905	19196	18152	17840	13706	9559	4143	189.3
-3.0°	94	1194	4539	7788	13123	15987	16231	17855	17224	20189	21694	22162	19692	16802	17150	17284	17216	14525	7822	3987	354.1
-3.5°	87.88	1934	3802	7628	11443	14312	14857	15655	15457	16089	19329	19164	17167	15300	15677	16129	15534	13259	7383	3697	277
-4.0°	80.42	1436	2792	5427	8538	10032	10709	10079	11003	10555	12311	12927	10463	11538	10858	12481	10603	9329	5633	2149	127.8

Aera	AVG(White)	AVG(Red)	AVG(White)/AVG(Red)	Min(red)	Min(Red-Standard)
	50917	23649	2.15	20149	15000
	41859	20295	2.06	18232	10000
	39735	18486	2.15	15414	7000
	32665	14381	2.27	4942	4000

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### ORDERING CODES

