

→ Application

- identification of place, directional signs, signs marking way out of RWY, signs marking freeing of RWY, signs marking holding points on communication, etc.
- mandatory sign - white inscription on red background
- informative sign - black inscription and frame on yellow background
- both types can be supplemented with a place sign

→ Certificate basis

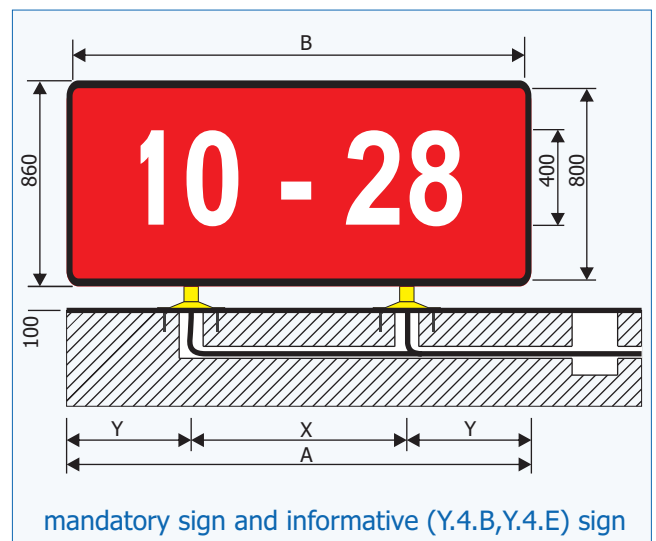
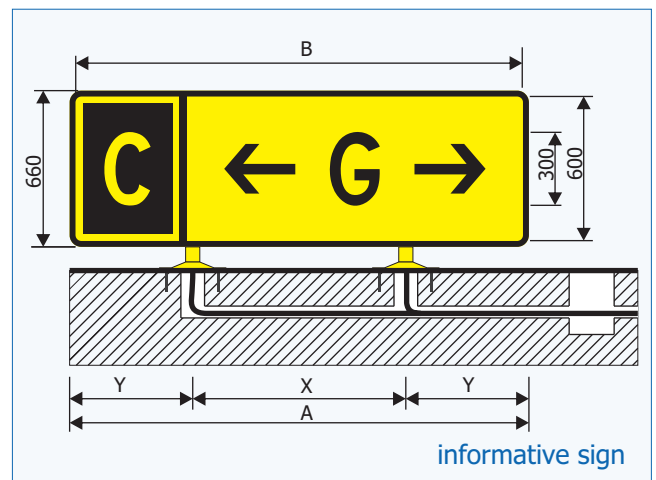
- ICAO ANNEX 14 Volume I
- FAA AC 150/5345-44F

→ Description / Properties

- lighting with halogen lamp 45W/6,6A and emit stable light with specified lighting parameters
- type of inscription can be identified at a distance of at least 250 m
- where power serial loop is not in operation is an active area of readability guaranteed using translucent foil
- are supplied completely equipped, including lamps, connecting cables, breakable coupling, base plates.
- supply does not comprise insulating current transformers
- bulbs are accessible after unlatching of the frontal panel and its opening.
- the frontal panel is secured in open position by two steel stranded wires
- no switch
- the manufacturer will send upon request dimensions of foundations for individual types of signs (assembly guide)
- it is possible to make matt execution upon the customer's wish

→ Construction

- structure consisting of aluminium box made of sandwich aluminium sections
- the whole assembly box of the sign is made as compact unit of required rigidity and appropriate resistance to atmospheric exposures.
- back wall is made of aluminium sheet metal thickness of 2 mm
- the design of unilateral



chapter:

5.9.1

TZP-E



→ Assembly / connecting / supplying

- assembly through bases 002 660 for anchoring to already prepared concrete foundation over breakable coupling 001 055
- in case of collision it breaks at pre-determined points

→ Mechanical parameters

- weight according to the type of character see. table

→ Electrical parameters

- supplying current loop 4,6–6,6 A
- insulating resistance 50 MΩ/100 V DC
- total input power ±10% depending on type 45 VA

→ Operating conditions

- protection IP 54
- working temperature ±55 °C
- resistance against squalls and turbulences up to the speed of 322 km/h
- resistance to UV radiation
- vibration resistance

→ Source of light

- lamp with cap G 6,35/45 W

→ Ordering codes

TZP-E-X-X-X

Type

- Y informative sign (directional)
- R mandatory sign
- L sign for identification of place
- B sign for indic. of remaining length of RWY
- H sign of center of RWY

Size (mm)

- 3 - height of panel/fonts-600/300
- 4 - height of panel/fonts-800/400

Length of sign

- A 715 mm (height 600 mm)
- A 860 mm (height 800 mm)
- B 1325 mm
- C 1940 mm
- D 2550 mm
- E 2850 mm
- K 3150 mm
- F 3780 mm
- G 4085 mm

Informative signs (height of panel/fonts 600/300 mm) - table of basic parameters

Type	A=length sign [mm]	B=length pannel [mm]	number of feet	Dim. X [mm]	Dim. Y [mm]	number of lamp	Number of transf. and their output	Weight [kg]	ordering codes
A	715	655	1		357,5	2 (90 W)	1x100 W	21,5	915-121
B	1325	1265	2	590	367,5	5 (225 W)	1x100, 1x150 W	36,9	915-122
C	1940	1880	2	900	520	7 (315 W)	1x150, 1x200 W	47,6	915-123
D	2550	2490	2	1505	522,5	9 (405 W)	1x300, 1x150 W	58,1	915-124
E	2850	2790	3	905	520	10 (450 W)	2x150, 1x200 W	68,2	915-125
K	3150	3090	3	1055	520	11 (495 W)	2x200, 1x150 W	73,4	915-126
F	3780	3720	3	1370	520	13 (585 W)	1x150, 1x200, 1x300 W	84,4	915-127
G	4085	4025	4	915	670	14 (640 W)	2x200, 1x300 W	94,4	915-128

Informative and mandatory signs (height of panel/fonts 800/400 mm) - table of basic parameters

Type	A=length sign [mm]	B=length pannel [mm]	number of feet	Dim. X [mm]	Dim. Y [mm]	number of lamp	Number of transf. and their output	Weight [kg]	ordering codes
A	860	800	2	350	255	4 (180 W)	2 x 100 W	28,5	915-161
B	1325	1265	2	590	367,5	6 (270 W)	2 x 150 W	44,7	915-162
C	1940	1880	2	900	520	8 (360 W)	2 x 200 W	57,6	915-163
D	2550	2490	2	1505	522,5	10 (450 W)	1x200, 1x300 W	76,3	915-164
E	2850	2790	3	905	520	12 (540 W)	3x200 W	82,5	915-165
K	3150	3090	3	1055	520	14 (630 W)	1x300, 2x200 W	88,8	915-166
F	3780	3720	3	1370	520	16 (720 W)	1x200, 2x300 W	102	915-167
G	4085	4025	4	915	670	18 (810 W)	3x300 W	114,3	915-168