
DATA FORMAT

LENS

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DATA FORMAT : Examination data part LEMS (version:1-00-00)

1. Definition of TAG and fields in CSV file

Chart 1 List of TAG name

Tag Name	Explanation of the tag	Number of appearance	Number of fields	Field following a tag						Unit
				Name of fields	Type of fields	Character type	The maximum number of the characters	Detail		
[POWER_R]	S, C, A values of Right lens	-	3	SPH	Num	ASCII	6	Signed decimal, (-99.99 to +99.99). When 2 nd digit is 0, blank is filled up by changing field position..	D	
				CYL	Num	ASCII	6	Signed decimal, (-99.99 to +99.99). When 2 nd digit is 0, blank is filled up by changing field position.	D	
				AXIS	Num	ASCII	3	Unsigned decimal, (0 to 999). When 2 nd and 3 rd digit is 0, blank is filled up by changing field position.	deg.	
[ADD_R]	ADD power of Right lens	-	2	ADD1	Num	ASCII	4	Unsigned decimal, (0.00 to 9.99)	D	
				ADD2	Num	ASCII	4	Unsigned decimal, (0.00 to 9.99)	D	
[PRISM_R]	Prism value of Right lens	-	2	PX	Num	ASCII	6	Signed decimal "+" is displayed as "O (out)". "-" is displayed as "I (in)". When first and last digit is 0, blank is filled up by changing field position.		
				PY	Num	ASCII	6	Signed decimal "+" is displayed as "U (up)". "-" is displayed as "D (down)". When first and last digit is 0, blank is filled up by changing field position		
[PD_R]	Right PD	-	1	RPD	Num	ASCII	4	Unsigned decimal When first and last digit is 0, blank is filled up by changing field position	mm	
[OC_L_R]	L value of Right	-	1	L	Num	ASCII	2	Unsigned decimal, When 2 nd digit is 0, blank is filled up by changing field position.	mm	
[POWER_L]	S, C, A values of Left lens	-	3	SPH	Num	ASCII	6	Signed decimal, (-99.99 to +99.99). When 2 nd digit is 0, blank is filled up by changing field position.	D	
				CYL	Num	ASCII	6	Signed decimal, (-99.99 to +99.99). When 2 nd digit is 0, blank is filled up by changing field position.	D	
				AXIS	Num	ASCII	3	Unsigned decimal, (0 to 999). When 2 nd and 3 rd digit is 0, blank is filled up by changing field position.	deg.	
[ADD_L]	ADD power of Left lens	-	2	ADD1	Num	ASCII	4	Unsigned decimal, (0.00 to 9.99)	D	
				ADD2	Num	ASCII	4	Unsigned decimal, (0.00 to 9.99)	D	
[PRISM_L]	Prism value of Left lens	-	2	PX	Num	ASCII	6	Signed decimal "+" is displayed as "O (out)". "-" is displayed as "I (in)". When first and last digit is 0, blank is filled up by changing field position.		
				PY	Num	ASCII	6	Signed decimal "+" is displayed as "U (up)". "-" is displayed as "D (down)". When first and last digit is 0, blank is filled up by changing field position		
[PD_L]	Left PD	-	1	RPD	Num	ASCII	4	Unsigned decimal When first and last digit is 0, blank is filled up by changing field position	mm	
[OC_L_L]	L value of Left	-	1	L	Num	ASCII	2	Unsigned decimal, When 2 nd digit is 0, blank is filled up by changing field position.	mm	

DATA FORMAT : Examination data part LEMS (version:1-00-00)

2. Sample (The portion following a common header)
2-1.Both eye measurement

Sample	Explanation
[FM_IF],LENS,1-00-00	Format type LENS Version 1 - 00 - 00
[POWER_R],+ 5.25,- 0.25,179	S +5.25D, C -0.25D, A(Axis) 179deg
[ADD_R],2.00,3.00	ADD1 2.00D ADD2 3.00D (if there is no ADD value blank is filled up by changing the field)
[PRISM_R],+ 2.00,- 0.25	PX 02.00 , PY D0.25 (if there is no PX, PY value blank is filled up by changing the field)
[PD_R],32.5	RPD 32.5mm (if there is no RPD value blank is filled up by changing the field)
[OC_L_R],31	L 31mm
[POWER_L],+ 3.00,- 0.75, 89	S +3.00, C -0.75D A(Axis) 89deg
[ADD_L],1.50,	ADD1 1.50D ADD2 no value (if there is no ADD value blank is filled up by changing the field)
[PRISM_L],- 1.50,+ 0.50	PX I1.50 , PY U0.50 (if there is no PX, PY value blank is filled up by changing the field)
[PD_L],30.5	LPD 30.5mm (if there is no LPD value blank is filled up by changing the field)
[OC_L_L],30	L 30mm

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