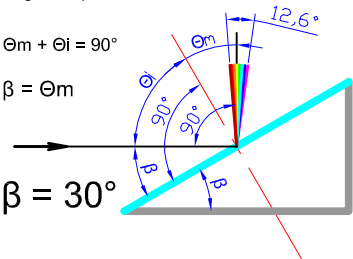


angle of spectrum observation = 12.6°

$\Theta_m + \Theta_i = 90^\circ$

$\beta = \Theta_m$

$\beta = 30^\circ$



Material: Carton tube, styrofoam, CD-R disc, slide frames, styrofoam glue, black mat spray.

Finish: Paint interior of tube, cups and grating support with black mat spray.



eye or camera

$\varnothing 60,4$

Canon
Conversion Lens Adapter
LA-DC58K
for
PowerShot G10

carton tube

paint interior of tube cups and
support with black mat spray

diffractive
grating

styrofoam
diffractive grating
support

glue

18

$\varnothing 66$

17 ± 1

410

$\varnothing 60$

80

front cup with
interchangeable
slit slide frames

front view

rear cup

rear view

40

10

Remarks: Center spectrum image moving diffractive grating. Orient slit in parallel to diffractive grating lines to achieve the sharpest spectrum.

Design: Adam W. Kamela	Checkout: Adam W. Kamela	Approval: Adam W. Kamela	Date: 19-07-2014	Number of pieces per product:	1	Scale:	1:1
Part name: Adam Wiktor Kamela www.kamela.org				Spectroscope - assembly version CD-R $\beta=30^\circ$			
Part number: none				Sheet:	1 / 1	Edtion:	02b