Block SKYALL

The SKYALL block simulates an Perez' allsky model.



DUMMY

Name	SKYALL
Function	em0029
Inputs	5
Outputs	2
Parameters	0
Strings	0
Group	S

Inputs

1 Total horizontal diffuse radiation [W/m^2]
2 Azimuth of the point [deg]
3 Elevation of the point [deg]
4 Azimuth of the Sun [deg]
5 Elevation of the Sun [deg]

Outputs

1 Luminance from the point [cd/m^2]
2 ?

Parameters

None

Strings

None

Remarks

The coefficients are taken from T. Muneer, Solar radiation and daylight models.