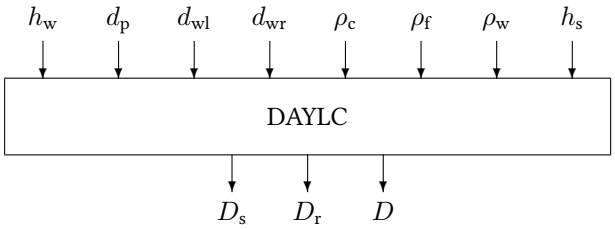
Block DAYLC

The DAYLC block returns the daylight coefficient.



Name	DAYLC
Function	bs0006
Inputs	8
Outputs	3
Parameters	3 . . . [4]
Strings	0
Group	S

Inputs

1 Height h_w of window opening [m]
2 Distance d_p of observer's point from window [m]
3 Distance d_{wl} left to wall [m]
4 Distance d_{wr} right to wall [m]
5 Reflexion coefficient ceiling ρ_c
6 Reflexion coefficient floor ρ_f
7 Reflexion coefficient wall ρ_w
8 Height of shadow from floor in meter h_s

Outputs

1 Skylight part of daylight coefficient D_s
2 Interior reflexion part of daylight coefficient D_r
3 Daylight coefficient D including losses

Parameters

1 Room width W
2 Room depth L
3 Room height H
4 Number of integration steps N

Strings

None