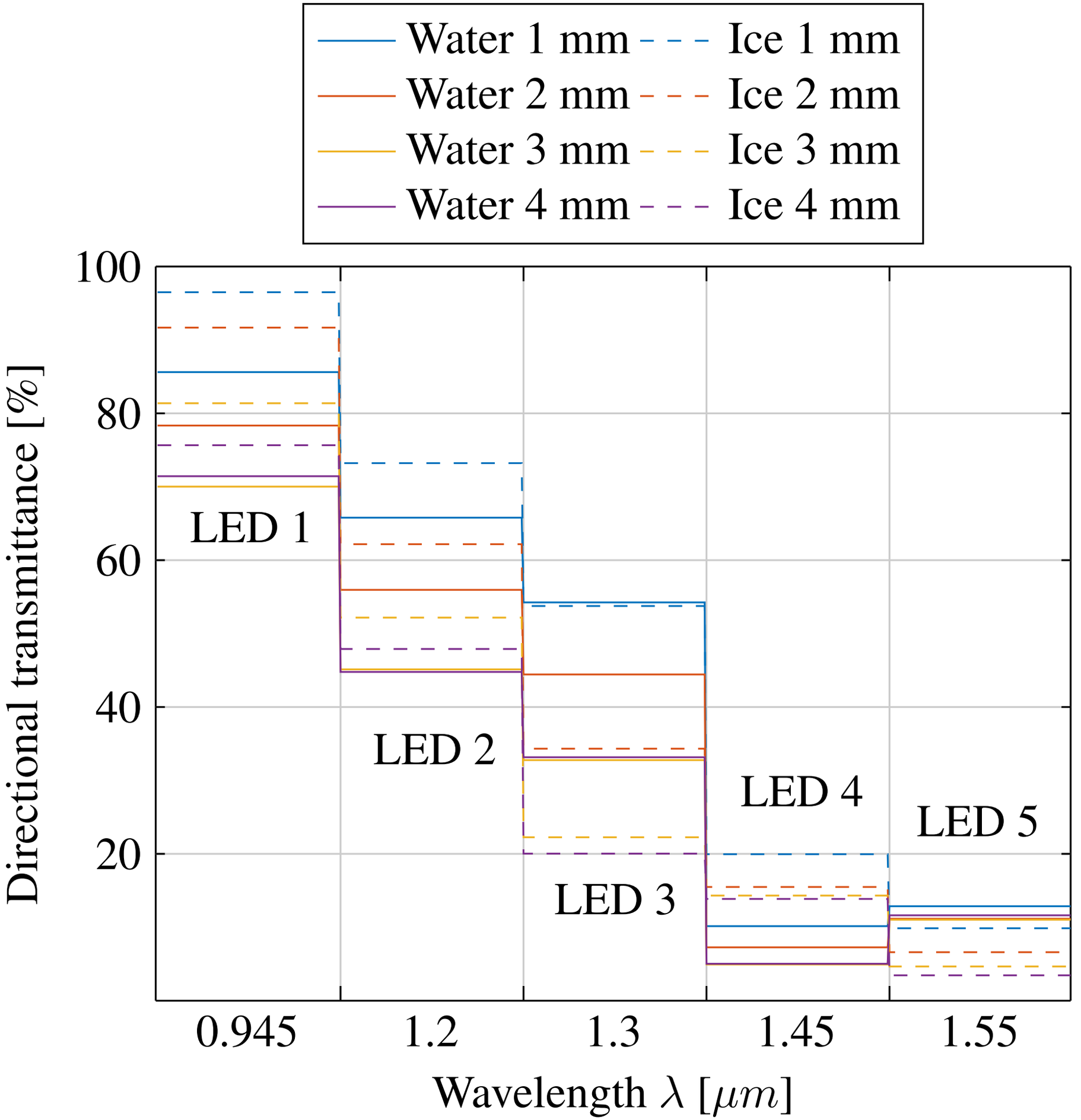
Water 1 mm
Ice 1 mm
Water 2 mm
Ice 2 mm
Water 3 mm
Ice 3 mm
Water 4 mm
Ice 4 mm
100
80
60
40
20
Directional transmittance [%]
LED 1
LED 2
LED 3
LED 4
LED 5
0.945
1.2
1.3
1.45
1.55
Wavelength λ [μm]