

MSPD1 SERIES(PTFE)

Performance Indicators

Lifetime of machinery: 10 years
 Lifetime of diffuse reflective coating: 5 years
 Stability: Room temperature/High temperature
 Humidity: 20-80%RH
 Storage Condition: Rain/Dust Proof

Specification

Internal DIA: 25mm、38mm、50mm
 Range of the reflectance :200nm-2500nm
 The reflectance :90%-98%
 The structure outside :The material always be aluminium alloy and it can be customized

Application

LED Thermal Test
 Efficacy/luminous flux etc. Measurement

Light Source Applied

G4、SMD、tungsten lamp
 And many miniwatt source, it can be standard or non standard lamp

Features



The coating in this series is named "PTFE", the molding technique of the coating material is powder die casting.

This coating has many advantages like high reflectance, wide range of wave, easy to clean, good weather ability and so on. It is acclaimed in the area of the integrating sphere.

There are three models now in our company, they are: MSPD1-0025, MSPD1-0038, MSPD1-0050 (1in, 1.5in, 2in)

The biggest difference of the sphere between this series and other series is that the internal coating is made of the material straightly, and then we install the external shell to it. When doing the common sphere usually we first do the sphere shell and then spray the coating to the internal surface of the shell.

So in this structure, the coating is very strong and it never drops out and goes yellow theoretically.

When using the sphere, the principle is the same as the common sphere. The usual design of the sphere is one enter port and two exit ports. We can customize a sphere according to your drawing.

