

Spherical integral light (LS-WD)

LS-WD series · Dome lights · 10 models



Uses a specially designed diffuser plate for highly uniform diffused illumination, eliminating interference caused by surface unevenness.

Features

- Specially designed diffuser for highly uniform diffused illumination
- Eliminates interference caused by surface unevenness
- Size can be customized according to different needs

Applications

- Detection of curved surfaces and concave/convex arc surfaces
- Detection of reflections on metal and glass surfaces

Colours

R	Red
G	Green
B	Blue
W	White
IR	Infrared
UV	Ultraviolet

Common specifications

Voltage	24 V DC (12 V on request)
---------	---------------------------

Ordering code: LS-WD<emitting surface size>-<colour> (e.g. LS-WD100-R)

Models

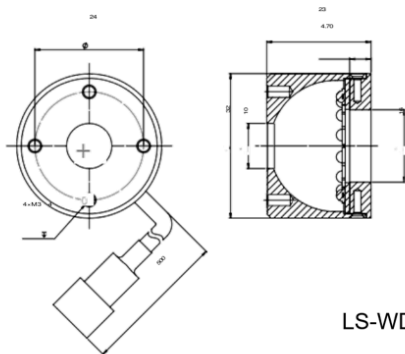
Model	Outer diameter (mm)	Inner diameter / viewing window (mm)	Height (mm)	Power red (W)	Power white/blue/green (W)	Outer size L x W x H (mm)	Light-emitting length (mm)
-------	---------------------	--------------------------------------	-------------	---------------	----------------------------	---------------------------	----------------------------

LS-WD32 colours: R, G, B, W, IR, UV	32	24	23	0.8	1	-	-
LS-WD52 colours: R, G, B, W, IR, UV	52	15	36	2.4	3	-	-
LS-WD5656 colours: R, G, B, W, IR, UV	60	15	33	1.9	2.4	-	-
LS-WD70 colours: R, G, B, W, IR, UV	70	15	40	1.6	2.0	-	-
LS-WD100 colours: R, G, B, W, IR, UV	116	25	61	1.8	2.4	-	-
LS-WD130 colours: R, G, B, W, IR, UV	134	35	69	2.0	2.8	-	-
LS-WD150 colours: R, G, B, W, IR, UV	175	35	83	2.1	5.3	-	-
LS-WD240 colours: R, G, B, W, IR, UV	260	48	117	2.9	5.8	-	-
LS-WD260130 colours: R, G, B, W, IR, UV	272	132	65	32	38	-	-
LS-WD400200W colours: R, G, B, W, IR, UV	-	-	100	36	38.4	400 x 200 x 100	388

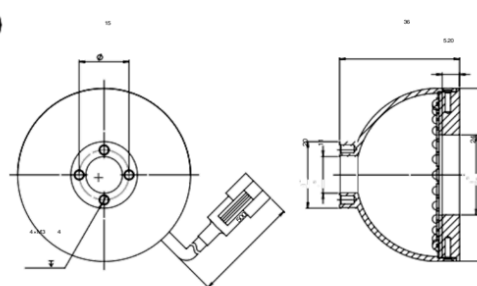
More values per model (Viewing slot (mm)) are on each product page.

Dimensions

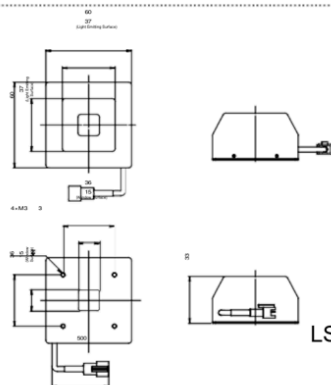




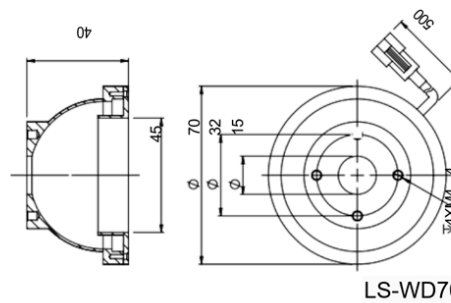
LS-WD32



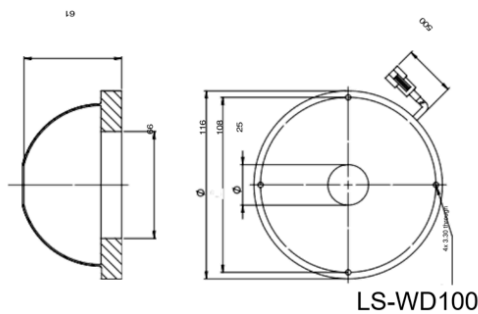
LS-WD52



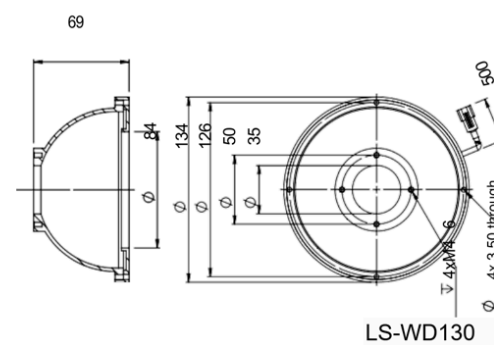
LS-WD5656



LS-WD70

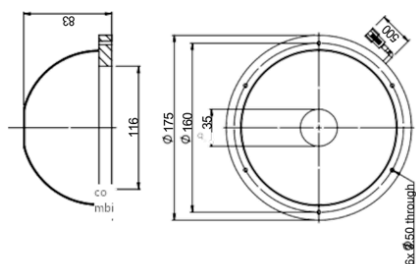


LS-WD100



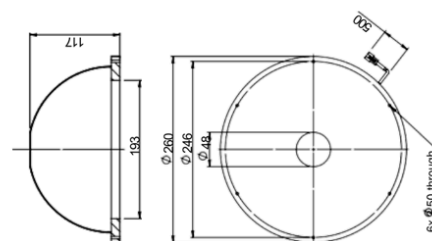
LS-WD130

07



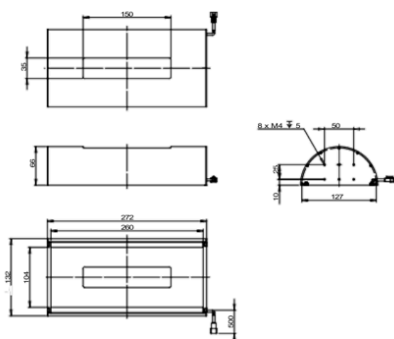
LS-WD150

08



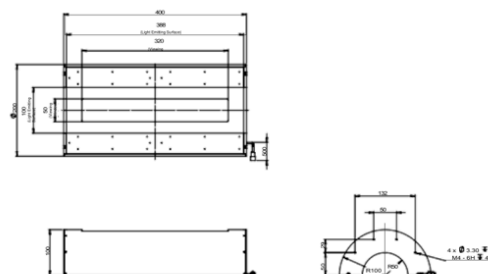
LS-WD240

09



LS-WD260130

10



LS-WD400200

Product views

