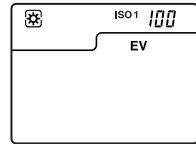


## 6. Advanced Functions

### 4. How to use the L358 as an incident illuminance (LUX or FC) meter

1. Turn the Lumisphere Retracting ring ① to lower it to the  $\square$  mark position.
2. Make sure that any compensation (see page 28) is canceled ( $\frac{7}{L}$ ).
3. Set the meter to EV mode (DIP switch 1) and ISO 100.
4. Place meter parallel to the subject and take a measurement.
5. Convert the measured EV with a conversion table to find the brightness level.



\* EV value → Lux conversion table

Decimal places EV	0	0.5	Decimal places EV	0	0.5
-2	0.63	0.88	9	1300	1800
-1	1.3	1.8	10	2600	3600
0	2.5	3.5	11	5100	7200
1	5.0	7.1	12	10000	14000
2	10	14	13	20000	29000
3	20	28	14	41000	58000
4	40	57	15	82000	120000
5	80	110	16	160000	230000
6	160	230	17	330000	460000
7	320	450	18	660000	930000
8	640	910	19	1300000	1900000

\* EV value → Foot candle (FC) conversion table

Decimal places EV	0	0.5	Decimal places EV	0	0.5
-2	0.06	0.08	9	120	170
-1	0.12	0.16	10	240	340
0	0.23	0.33	11	480	670
1	0.46	0.66	12	950	1300
2	0.93	1.3	13	1900	2700
3	1.9	2.6	14	3800	5400
4	3.7	5.3	15	7600	11000
5	7.4	11	16	15000	22000
6	15	21	17	30000	43000
7	30	42	18	61000	86000
8	59	84	19	120000	170000