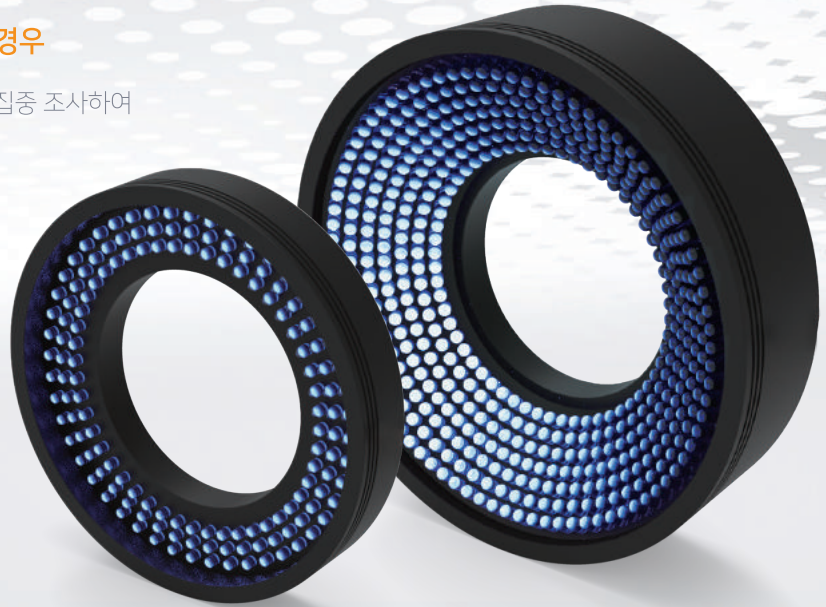


DIRECT RING LIGHTING

DRT | DRF Series**고밀도의 광량으로 선명하게 보고싶은 경우**

LED를 우산 형태의 고밀도로 배치, 중심부를 집중 조사하여 극도로 밝은 광량이 얻어졌습니다.

직사광
원형조명

**Usage**
용도

- 기판, 프린트 기판의 위치 결정 칩부품 검사
- 액정정렬, 플라스틱 용기의 검사
- 라벨검사, 마운터, IC 날인검사

Product Feature
제품기능

- 고휘도 LED가 고밀도로 배치되어, 360도 방향에서 비추는 조명을 통해 그림자 없는 균일한 조명을 얻을 수 있습니다.
- 고휘도 LED조명의 표준 타입으로, 폭넓은 용도로 다양하게 적용하여 사용할 수 있습니다.

조사
방식

DRT series | LED를 우산 형태로 배열하여 중심부를 집중 조사
DRF series | 빛을 샤워 방식으로 고르게 조사

1 LED의 온도상승을 대폭적으로 낮춤

특수방열 구조를 채택하여 LED의 발열에 의한 온도 상승을 억제하고 휘도 저하를 최소화 하였습니다. 기판과 알루미늄 사이에 특수 방열재를 밀착 시켜서 LED로부터 발생한 열을 흡수하고 알루미늄 본체에 열전도를 비약적으로 높이는 것에 성공하여, 휘도 노화의 최대 원인인 LED의 온도 상승을 대폭적으로 억제 시키고 장기적으로 안심하고 사용할 수 있도록 LED조명을 제공하는 것이 가능해졌습니다.

2 플렉시블 기판의 채택으로 품질의 향상, 생산 속도 증가

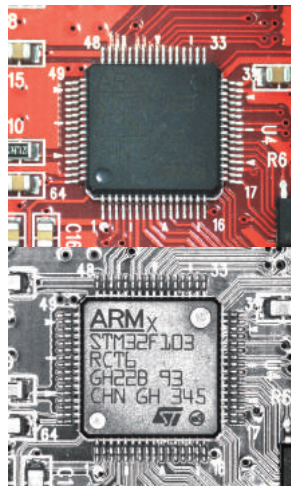
플렉시블 기판을 채택하여 자유롭게 대응함으로써 외경, 내경, 조사 각도 등 물체에 최적인 조명을 제작할 수 있게 되었습니다.



Sample image

샘플

DRF series >>>



IC 날인검사



형상 및 표면 검사

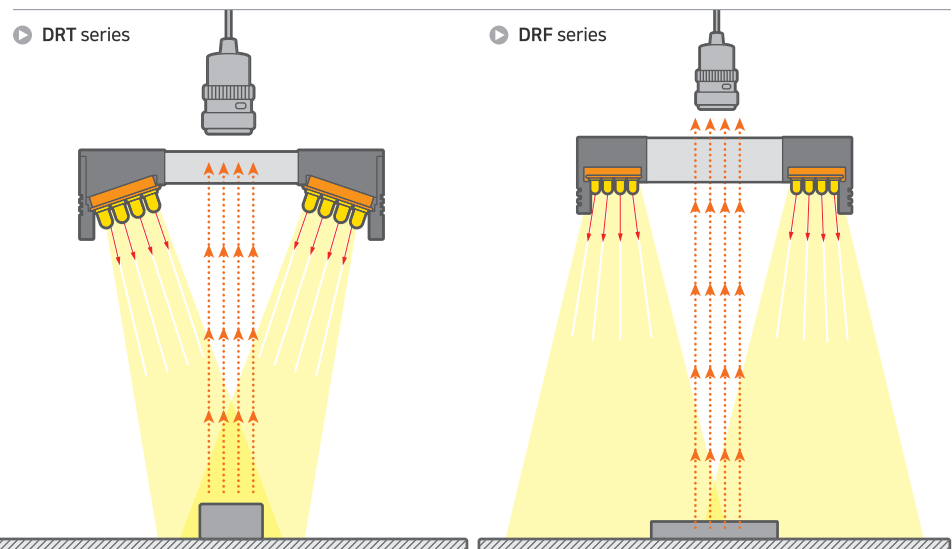


라벨검사

- **용도** 칩부품 검사, 프린트기판의 위치결정, 플라스틱 용기의 검사, 라벨검사, ic날인검사
- **특징** 고휘도 LED 표준타입으로, 폭넓은 용도로 사용이 가능

Illumination Structure

조사구조

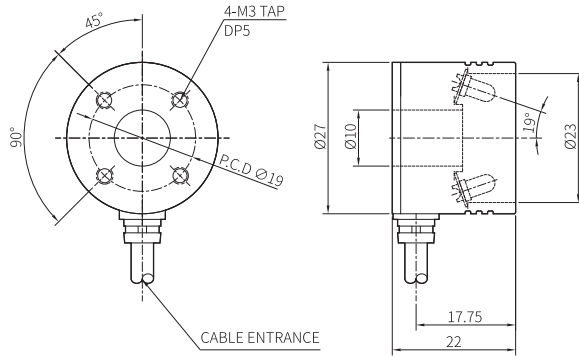


DIRECT RING LIGHTING SERIES

LV-DRT Series

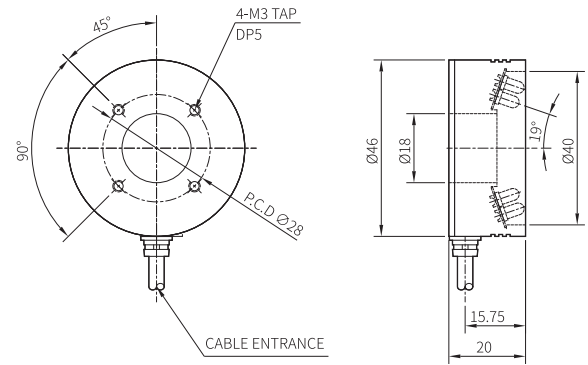
LV-DRT-27R

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	0.9	0.5	0.9	0.9
Voltage Option	12V / 24V			
Number of LEDs	15EA			



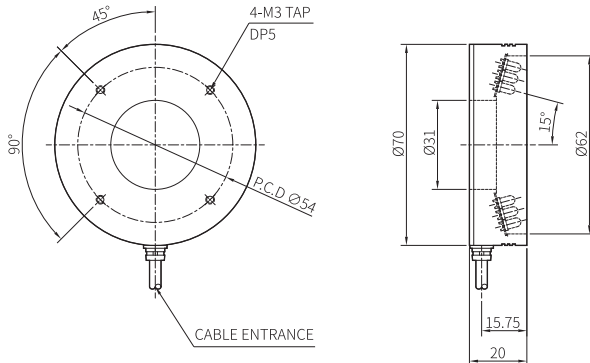
LV-DRT-46R

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	2.9	1.5	2.9	2.9
Voltage	12V / 24V			
Number of LEDs	48EA			



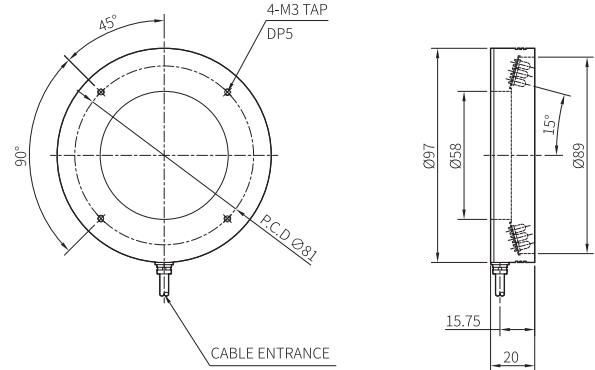
LV-DRT-70A

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	5.4	3.3	5.4	5.4
Voltage	12V / 24V			
Number of LEDs(EA)	108	90	108	108



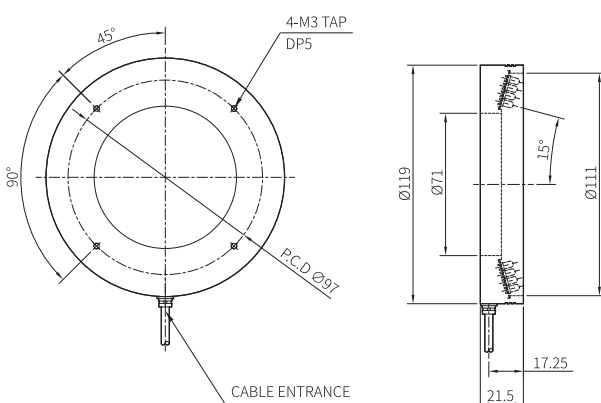
LV-DRT-97A

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	9	5.4	9	9
Voltage	12V / 24V			
Number of LEDs(EA)	160	162	160	160



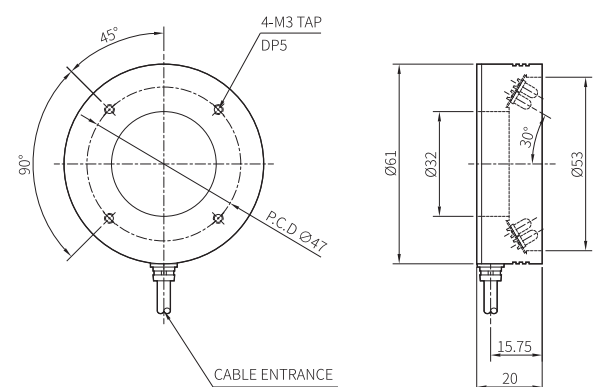
LV-DRT-119A

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	14.4	8.7	14.4	14.4
Voltage	12V / 24V			
Number of LEDs(EA)	276	240	276	276



LV-DRT-61B

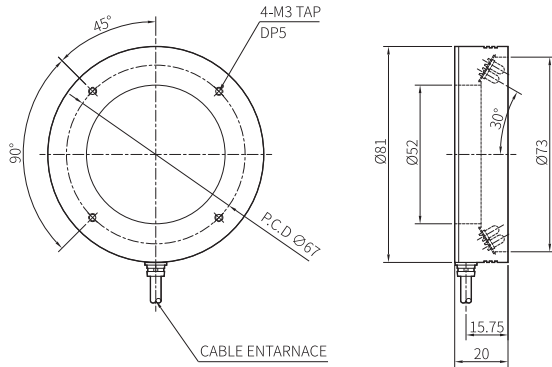
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	3.6	2.2	3.6	3.6
Voltage	12V / 24V			
Number of LEDs	60EA			



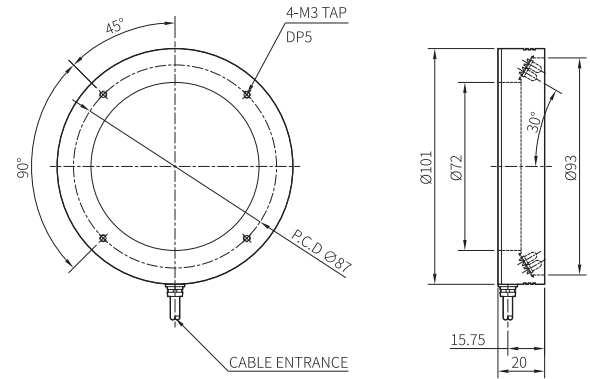
DIRECT RING LIGHTING SERIES

LV-DRT Series**LV-DRT-81B**

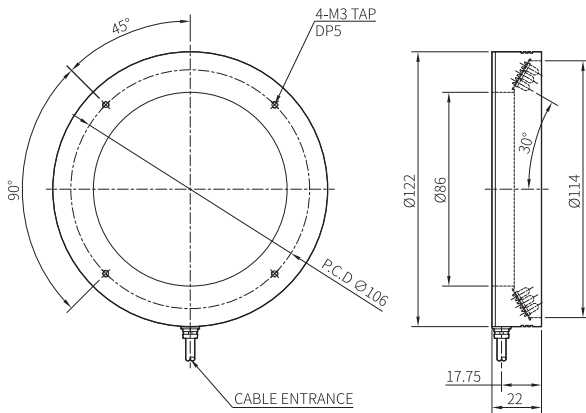
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	5.4	3.3	5.4	5.4
Voltage	12V / 24V			
Number of LEDs	90EA			

**LV-DRT-101B**

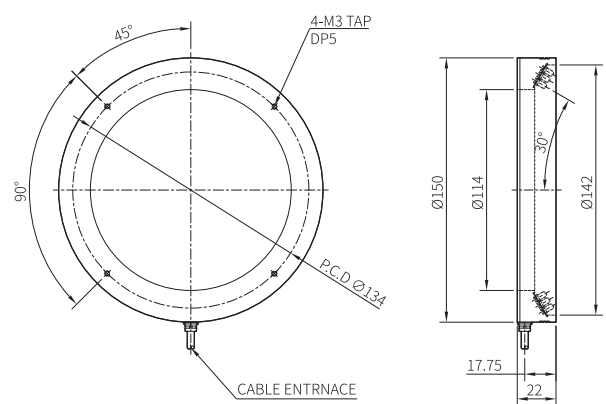
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	7.2	4.4	7.2	7.2
Voltage	12V / 24V			
Number of LEDs	120EA			

**LV-DRT-122B**

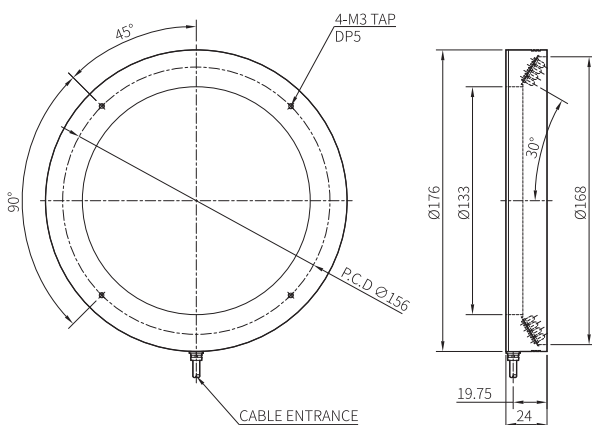
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	12.6	7.6	12.6	12.6
Voltage	12V / 24V			
Number of LEDs	210EA			

**LV-DRT-150B**

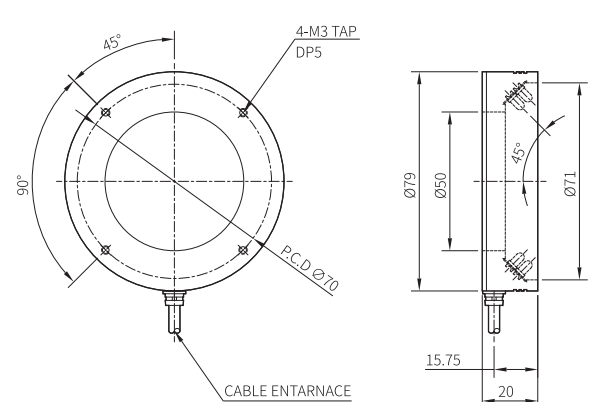
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	16.2	9.8	16.2	16.2
Voltage	12V / 24V			
Number of LEDs	270EA			

**LV-DRT-176B**

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	25.2	15.2	25.2	25.2
Voltage	12V / 24V			
Number of LEDs	420EA			

**LV-DRT-79C**

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	5.4	3.3	5.4	5.4
Voltage	12V / 24V			
Number of LEDs	90EA			

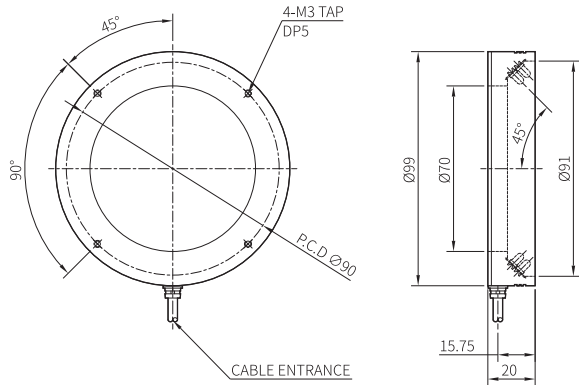


DIRECT RING LIGHTING SERIES

LV-DRT Series

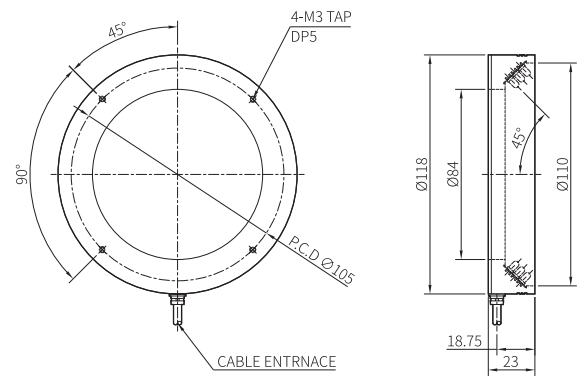
LV-DRT-99C

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	7.2	4.4	7.2	7.2
Voltage	12V / 24V			
Number of LEDs	120EA			



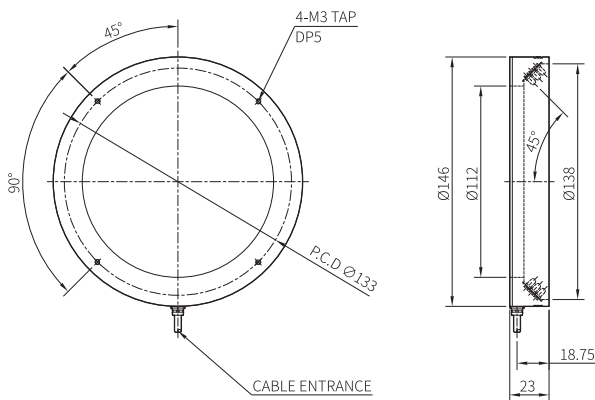
LV-DRT-118C

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	12.6	7.6	12.6	12.6
Voltage	12V / 24V			
Number of LEDs	210EA			



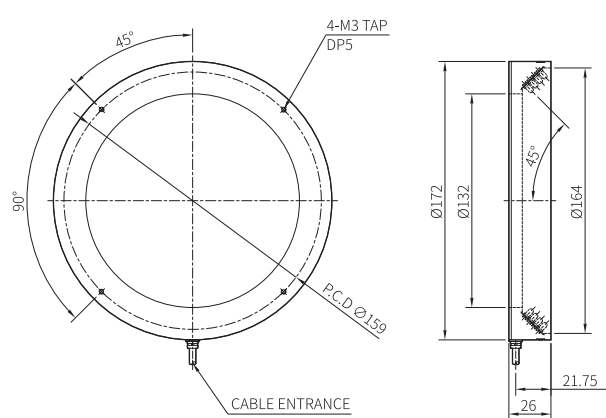
LV-DRT-146C

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	16.2	9.8	16.2	16.2
Voltage	12V / 24V			
Number of LEDs	270EA			



LV-DRT-172C

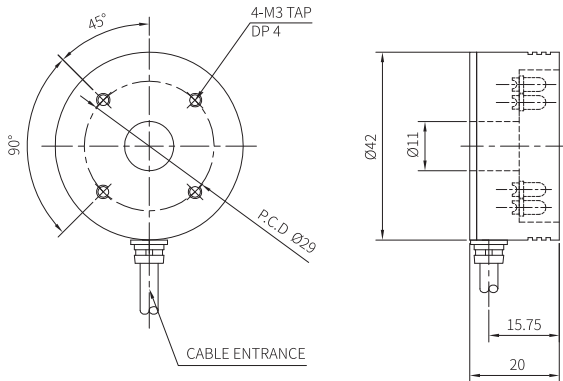
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	25.2	15.2	25.2	25.2
Voltage	12V / 24V			
Number of LEDs	420EA			



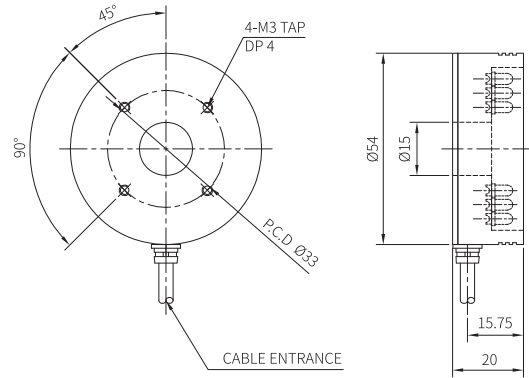
DIRECT RING LIGHTING SERIES

LV-DRF Series**LV-DRF-42R**

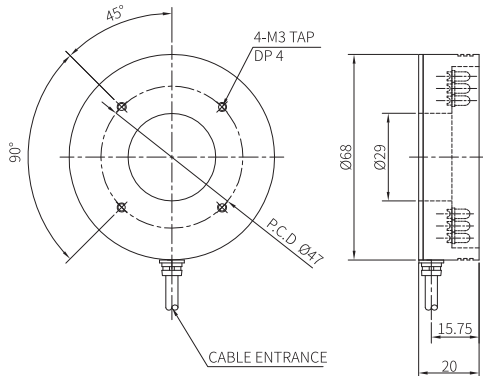
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	1.8	1.1	1.8	1.8
Voltage	12V / 24V			
Number of LEDs	30EA			

**LV-DRF-54R**

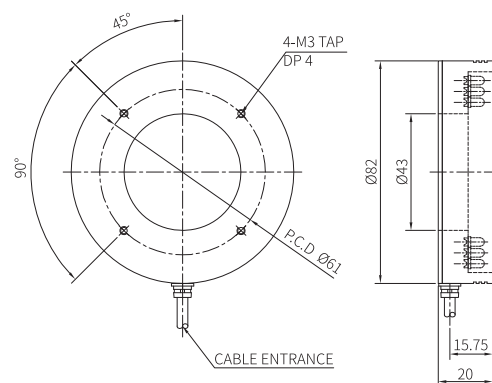
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	3.6	2.2	3.6	3.6
Voltage	12V / 24V			
Number of LEDs	60EA			

**LV-DRF-68R**

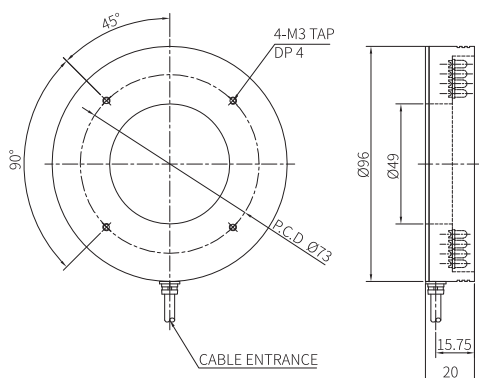
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	5.4	3.3	5.4	5.4
Voltage	12V / 24V			
Number of LEDs	90EA			

**LV-DRF-82R**

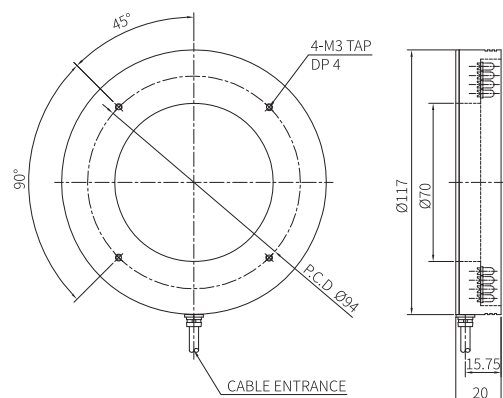
Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	7.2	4.4	7.2	7.2
Voltage	12V / 24V			
Number of LEDs	120EA			

**LV-DRF-96R**

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	10.8	6.5	10.8	10.8
Voltage	12V / 24V			
Number of LEDs	180EA			

**LV-DRF-117R**

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	14.4	8.7	14.4	14.4
Voltage	12V / 24V			
Number of LEDs	240EA			

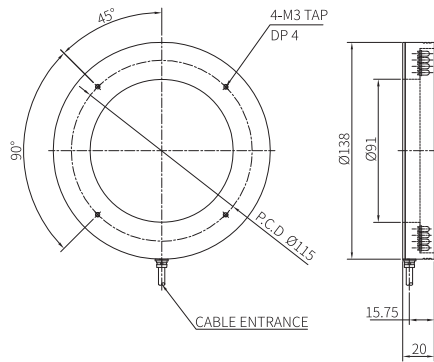


DIRECT RING LIGHTING SERIES

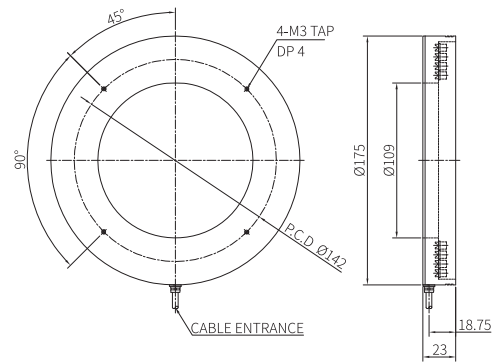
LV-DRF Series

LV-DRF-138R

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	10,8	6,5	10,8	10,8
Voltage	12V / 24V			
Number of LEDs(EA)	312	300	312	312

**LV-DRF-175R**

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	14,4	8,7	14,4	14,4
Voltage	12V / 24V			
Number of LEDs	240EA			

**LV-DRF-205R**

Color Option	● SW	● RD	● GR	● BL
Power Consumption(W)	18	10,8	18	18
Voltage	12V / 24V			
Number of LEDs	300EA			

