

# RT-HR-4F-71

4x High magnification telecentric lens with built-in coaxial illumination for detectors up to 2/3", WD 71 mm

## SPECIFICATIONS

|                   |      |      |
|-------------------|------|------|
| 배율                |      | 4    |
| 이미지 서클 Ø          | (mm) | 11   |
| Max detector size |      | 2/3" |

| 물체의 화각                               |           |           |
|--------------------------------------|-----------|-----------|
| 1/3" 센서 (4.8 x 3.6 mm) 와 함께          | (mm x mm) | 1.2 x 0.9 |
| 1/2.5" 센서 (5.70 x 4.28 mm) 와 함께      | (mm x mm) | 1.4 x 1.1 |
| 1/2" 센서 (6.4 x 4.8 mm) 와 함께          | (mm x mm) | 1.6 x 1.2 |
| 1/1.8" 센서 (7.13 x 5.37 mm) 와 함께      | (mm x mm) | 1.8 x 1.3 |
| 2/3" - 5 MP 센서 (8.45 x 7.07 mm) 와 함께 | (mm x mm) | 2.1 x 1.8 |

| 광학적 특성                  |            |      |
|-------------------------|------------|------|
| 작동 거리                   | (mm)       | 71   |
| wF/# 1                  |            | 29   |
| Distortion              | (%)        | 0.24 |
| Field depth             | (mm)       | 0.13 |
| Nominal resolving power | ( $\mu$ m) | 4.9  |

| 기계적 특성            |      |     |
|-------------------|------|-----|
| 마운트               |      | C   |
| 길이                | (mm) | 100 |
| 직경                | (mm) | 18  |
| 무게                | (g)  | 60  |
| Focus lock screws |      | -   |
| Iris lock screws  |      | -   |

## 노트

1. F/# = F-number, wF/# = 동작 F-number, 실제 마크로렌즈 사용시 F 값.

## 적용가능한 제품들

LTLAIC series  
Continuous LED low angle diffused ringlights

|                           |                                       |
|---------------------------|---------------------------------------|
| RT-DLR2-60-050-2-W-24V-FL | 연속 LED 낮은 각도 확산조명기, 내경 18mm, 60°, 화이트 |
| RT-DLR2-60-050-2-R-24V-FL | 연속 LED 낮은 각도 확산조명기, 내경 18mm, 60°, 레드  |
| RT-DLR2-60-050-2-G-24V-FL | 연속 LED 낮은 각도 확산조명기, 내경 18mm, 60°, 그린  |
| RT-DLR2-60-050-2-B-24V-FL | 연속 LED 낮은 각도 확산조명기, 내경 18mm, 60°, 블루  |

LTLADC series  
Continuous LED low angle direct ringlights

|                          |  |
|--------------------------|--|
| RT-LLA-75-130-3-W-24V-FL | Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, white |
| RT-LLA-75-130-3-R-24V-FL | Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, red   |
| RT-LLA-75-130-3-G-24V-FL | Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, green |
| RT-LLA-75-130-3-B-24V-FL | Continuous LED low angle direct ringlights, inner diameter 94 mm, 75°, blue  |

LTRNDC series  
Continuous LED direct ringlights

|                          |   |
|--------------------------|---|
| RT-LSW-15-050-2-W-24V-FL | Continuous LED direct ringlight, inner diameter 28 mm, 15°, white |
| RT-LSW-15-050-2-R-24V-FL | Continuous LED direct ringlight, inner diameter 28 mm, 15°, red   |
| RT-LSW-15-050-2-G-24V-FL | Continuous LED direct ringlight, inner diameter 28 mm, 15°, green |
| RT-LSW-15-050-2-B-24V-FL | Continuous LED direct ringlight, inner diameter 28 mm, 15°, blue  |



|                          |   |
|--------------------------|---|
| RT-LSW-45-070-3-W-24V-FL | Continuous LED direct ringlight, inner diameter 35 mm, 45°, white |
| RT-LSW-45-070-3-R-24V-FL | Continuous LED direct ringlight, inner diameter 35 mm, 45°, red   |
| RT-LSW-45-070-3-G-24V-FL | Continuous LED direct ringlight, inner diameter 35 mm, 45°, green |
| RT-LSW-45-070-3-B-24V-FL | Continuous LED direct ringlight, inner diameter 35 mm, 45°, blue  |

LTBFC series

Continuous flat side-emitting LED backlights

|                          |   |
|--------------------------|---|
| RT-BHDS-25X36-1-W-24V-FL | 연속 평면발광 LED 백라이트, 한쪽 엣지면 오픈타입, 조명 영역 36X25, 화이트 |
| RT-BHDS-25X36-1-R-24V-FL | 연속 평면발광 LED 백라이트, 한쪽 엣지면 오픈타입, 조명 영역 36X25, 레드  |
| RT-BHDS-25X36-1-G-24V-FL | 연속 평면발광 LED 백라이트, 한쪽 엣지면 오픈타입, 조명 영역 36X25, 그린  |
| RT-BHDS-25X36-1-B-24V-FL | 연속 평면발광 LED 백라이트, 한쪽 엣지면 오픈타입, 조명 영역 36X25, 블루  |

LTBRDC series

Continuous LED bar lights

|                           |  |
|---------------------------|--|
| RT-LBRX-00-040-6-W-24V-FL | Continuous LED bar light, 40X26.3 illumination area, white |
| RT-LBRX-00-040-6-R-24V-FL | Continuous LED bar light, 40X26.3 illumination area, red   |
| RT-LBRX-00-040-6-G-24V-FL | Continuous LED bar light, 40X26.3 illumination area, green |
| RT-LBRX-00-040-6-B-24V-FL | Continuous LED bar light, 40X26.3 illumination area, blue  |