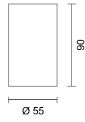


# RAY

LED COB Surface-mounted down light



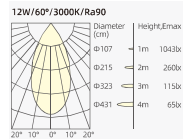
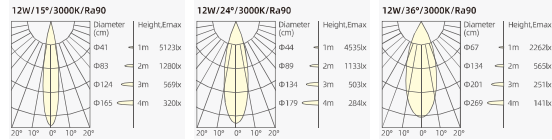
- Colour(Front ring)  Standard  Non-standard
- WHITE    
 BLACK
- IP rate  Standard  Non-standard
- IP20    
 IP54
- CCT  Standard  Non-standard
- 2700K    
 3000K    
 3500K    
 4000K    
 5000K    
 2700-6000K

## RAY 10012

### LED 7W/8.5W/10W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
7W	8W	992lm	318lm	8°	3000K	>90	34V 200mA
7W	8W	992lm	671lm	15°	3000K	>90	34V 200mA
7W	8W	992lm	694lm	24°	3000K	>90	34V 200mA
7W	8W	992lm	716lm	36°	3000K	>90	34V 200mA
7W	8W	992lm	564lm	60°	3000K	>90	34V 200mA
10W	12W	1334lm	992lm	15°	3000K	>90	34V 300mA
10W	12W	1334lm	1034lm	24°	3000K	>90	34V 300mA
10W	12W	1334lm	1068lm	36°	3000K	>90	34V 300mA
10W	12W	1334lm	868lm	60°	3000K	>90	34V 300mA

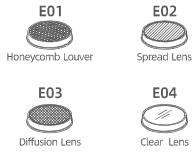
### Light Distribution



- Control  Standard  Non-standard
- ON/OFF    
 DALI    
 0/1-10V    
 TRIAC    
 BLUETOOTH    
 ZIGBEE    
 CASAMBI

### Optical Accessories

When E01 is selected, the protection level is IP20;  
Choosing E02, E03, or E04 can achieve IP54 protection level;  
You can choose one or both: E01+E02, E01+E03, or E01+E04.

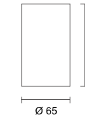


### Colour(Reflector)

- Standard  Non-standard



LED COB Surface-mounted down light



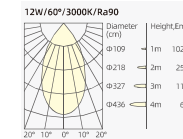
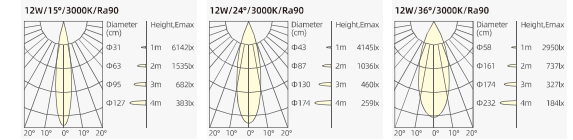
- Colour(Front ring)  Standard  Non-standard
- WHITE    
 BLACK
- IP rate  Standard  Non-standard
- IP20    
 IP54
- CCT  Standard  Non-standard
- 2700K    
 3000K    
 3500K    
 4000K    
 5000K    
 2700-6000K

## RAY 10022

### LED 7W/10W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
7W	8W	992lm	678lm	15°	3000K	>90	34V 200mA
7W	8W	992lm	651lm	24°	3000K	>90	34V 200mA
7W	8W	992lm	654lm	36°	3000K	>90	34V 200mA
7W	8W	992lm	601lm	60°	3000K	>90	34V 200mA
10W	12W	1334lm	1018lm	15°	3000K	>90	34V 300mA
10W	12W	1334lm	977lm	24°	3000K	>90	34V 300mA
10W	12W	1334lm	981lm	36°	3000K	>90	34V 300mA
10W	12W	1334lm	901lm	60°	3000K	>90	34V 300mA

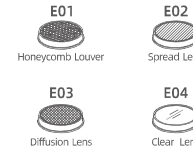
### Light Distribution



- Control  Standard  Non-standard
- ON/OFF    
 DALI    
 0/1-10V    
 TRIAC    
 BLUETOOTH    
 ZIGBEE    
 CASAMBI

### Optical Accessories

When E01 is selected, the protection level is IP20;  
Choosing E02, E03, or E04 can achieve IP54 protection level;  
You can choose one or both: E01+E02, E01+E03, or E01+E04.



### Colour(Reflector)

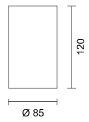
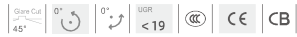
- Standard  Non-standard

# RAY



# RAY

LED COB Surface-mounted down light



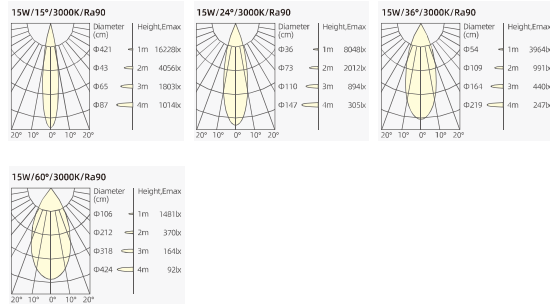
- Colour(Front ring)
- Standard
  - Non-standard
- WHITE
- BLACK
- 
- IP rate
- Standard
  - Non-standard
- IP20
- IP54
- 
- CCT
- Standard
  - Non-standard
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 2700-6000K

## RAY 10032

### LED 10W/13W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
10W	12W	1334lm	1037lm	15°	3000K	> 90	34V 300mA
10W	12W	1334lm	1159lm	24°	3000K	> 90	34V 300mA
10W	12W	1334lm	1102lm	36°	3000K	> 90	34V 300mA
10W	12W	1334lm	1052lm	60°	3000K	> 90	34V 300mA
13W	15W	1650lm	1303lm	15°	3000K	> 90	34V 350mA
13W	15W	1650lm	1308lm	24°	3000K	> 90	34V 350mA
13W	15W	1650lm	1247lm	36°	3000K	> 90	34V 350mA
13W	15W	1650lm	1263lm	60°	3000K	> 90	34V 350mA

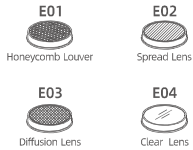
### Light Distribution



- Control
- Standard
  - Non-standard
- ON/OFF
- DALI
- 0/1-10V
- TRIAC
- BLUETOOTH
- ZIGBEE
- CASAMBI

### Optical Accessories

When E01 is selected, the protection level is IP20;  
Choosing E02, E03, or E04 can achieve IP54 protection level;  
You can choose one or both: E01+E02, E01+E03, or E01+E04.

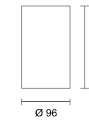


### Colour(Reflector)

- Standard
- Non-standard



LED COB Surface-mounted down light



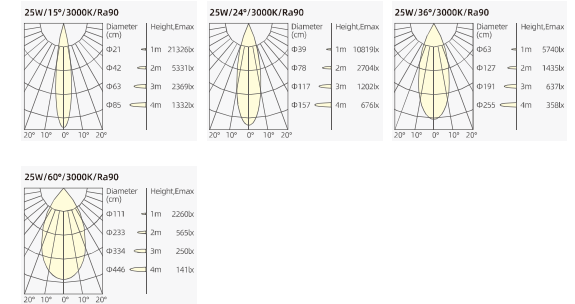
- Colour(Front ring)
- Standard
  - Non-standard
- WHITE
- BLACK
- 
- IP rate
- Standard
  - Non-standard
- IP20
- IP54
- 
- CCT
- Standard
  - Non-standard
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 2700-6000K

## RAY 10042

### LED 17W/21W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
17W	20W	2327lm	1702lm	15°	3000K	> 90	34V 500mA
17W	20W	2327lm	1696lm	24°	3000K	> 90	34V 500mA
17W	20W	2327lm	1732lm	36°	3000K	> 90	34V 500mA
17W	20W	2327lm	1740lm	60°	3000K	> 90	34V 500mA
21W	25W	2755lm	428lm	15°	3000K	> 90	34V 600mA
21W	25W	2755lm	2120lm	24°	3000K	> 90	34V 600mA
21W	25W	2755lm	2165lm	36°	3000K	> 90	34V 600mA
21W	25W	2755lm	2176lm	60°	3000K	> 90	34V 600mA

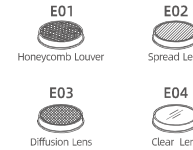
### Light Distribution



- Control
- Standard
  - Non-standard
- ON/OFF
- DALI
- 0/1-10V
- TRIAC
- BLUETOOTH
- ZIGBEE
- CASAMBI

### Optical Accessories

When E01 is selected, the protection level is IP20;  
Choosing E02, E03, or E04 can achieve IP54 protection level;  
You can choose one or both: E01+E02, E01+E03, or E01+E04.



### Colour(Reflector)

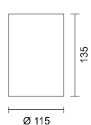
- Standard
- Non-standard

# RAY



# RAY

LED COB Surface-mounted down light



## RAY 10082

### LED 21W/25.5W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
25.5W	30W	2755lm	2601lm	15°	3000K	> 90	34V 700mA
25.5W	30W	2755lm	2554lm	24°	3000K	> 90	34V 700mA
25.5W	30W	2755lm	2370lm	36°	3000K	> 90	34V 700mA

- Colour(Front ring)
- Standard
  - Non-standard
- WHITE
- BLACK

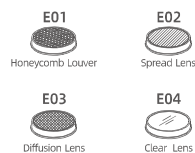
- IP rate
- Standard
  - Non-standard
- IP20
- IP54

- CCT
- Standard
  - Non-standard
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 2700-6000K

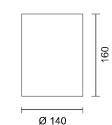
- Control
- Standard
  - Non-standard
- ON/OFF
- DALI
- 0/1-10V
- TRIAC
- BLUETOOTH
- ZIGBEE
- CASAMBI

### Optical Accessories

When E01 is selected, the protection level is IP20;  
 Choosing E02, E03, or E04 can achieve IP54 protection level;  
 You can choose one or both: E01+E02, E01+E03, or E01+E04.



LED COB Surface-mounted down light



## RAY 10092

### LED 30.5W/34W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
30.5W	35W	3974lm	3033lm	15°	3000K	> 90	34V 900mA
30.5W	35W	3974lm	2979lm	24°	3000K	> 90	34V 900mA
30.5W	35W	3974lm	2995lm	36°	3000K	> 90	34V 900mA
34W	40W	4548lm	3388lm	15°	3000K	> 90	34V 1050mA
34W	40W	4548lm	3333lm	24°	3000K	> 90	34V 1050mA
34W	40W	4548lm	3329lm	36°	3000K	> 90	34V 1050mA

- Colour(Front ring)
- Standard
  - Non-standard
- WHITE
- BLACK

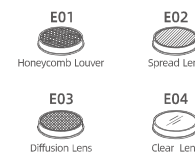
- IP rate
- Standard
  - Non-standard
- IP20
- IP54

- CCT
- Standard
  - Non-standard
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 2700-6000K

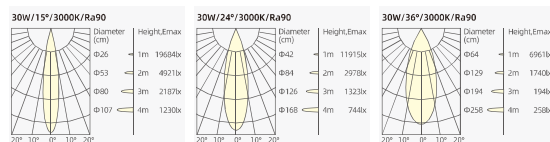
- Control
- Standard
  - Non-standard
- ON/OFF
- DALI
- 0/1-10V
- TRIAC
- BLUETOOTH
- ZIGBEE
- CASAMBI

### Optical Accessories

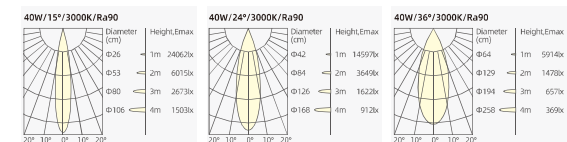
When E01 is selected, the protection level is IP20;  
 Choosing E02, E03, or E04 can achieve IP54 protection level;  
 You can choose one or both: E01+E02, E01+E03, or E01+E04.



### Light Distribution

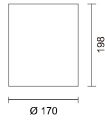


### Light Distribution



# RAY

LED COB Surface-mounted down light



- Colour(Front ring)
- Standard
  - Non-standard
- WHITE
- BLACK

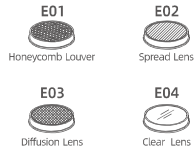
- IP rate
- Standard
  - Non-standard
- IP20
- IP54

- CCT
- Standard
  - Non-standard
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 2700-6000K

- Control
- Standard
  - Non-standard
- ON/OFF
- DALI
- 0/1-10V
- TRIAC
- BLUETOOTH
- ZIGBEE
- CASAMBI

## Optical Accessories

When E01 is selected, the protection level is IP20;  
 Choosing E02, E03, or E04 can achieve IP54 protection level;  
 You can choose one or both: E01+E02, E01+E03, or E01+E04.

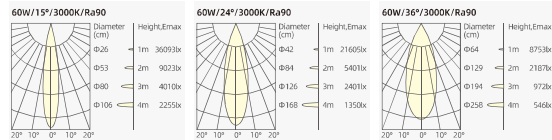


## RAY 10102

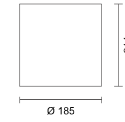
### LED 42.5W/51W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
42.5W	50W	5102lm	4250lm	15°	3000K	> 90	34V 1200mA
42.5W	50W	5102lm	4150lm	24°	3000K	> 90	34V 1200mA
42.5W	50W	5102lm	4200lm	36°	3000K	> 90	34V 1200mA
51W	60W	5944lm	4920lm	15°	3000K	> 90	34V 1400mA
51W	60W	5944lm	5000lm	24°	3000K	> 90	34V 1400mA
51W	60W	5944lm	5040lm	36°	3000K	> 90	34V 1400mA

## Light Distribution



LED COB Surface-mounted down light



- Colour(Front ring)
- Standard
  - Non-standard
- WHITE
- BLACK

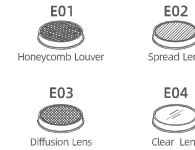
- IP rate
- Standard
  - Non-standard
- IP20
- IP54

- CCT
- Standard
  - Non-standard
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 2700-6000K

- Control
- Standard
  - Non-standard
- ON/OFF
- DALI
- 0/1-10V
- TRIAC
- BLUETOOTH
- ZIGBEE
- CASAMBI

## Optical Accessories

When E01 is selected, the protection level is IP20;  
 Choosing E02, E03, or E04 can achieve IP54 protection level;  
 You can choose one or both: E01+E02, E01+E03, or E01+E04.



# RAY

## RAY 10112

### LED 68W (CITIZEN LED)

LED Power	System Power	LED Output	System Output	Beam	CCT	CRI	Drive
68W	80W	7365lm	6400lm	15°	3000K	> 90	34V 1800mA
68W	80W	7365lm	6320lm	24°	3000K	> 90	34V 1800mA
68W	80W	7365lm	6321lm	36°	3000K	> 90	34V 1800mA

## Light Distribution

