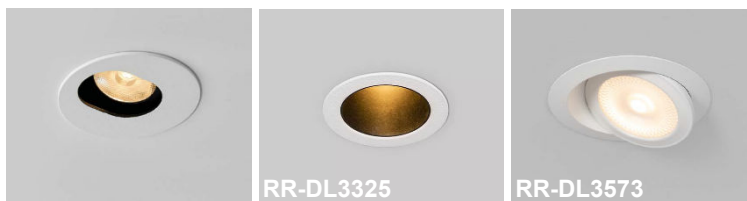


# LED LIGHTING

VER. 01



## DOWNLIGHTS

## MINI CABINET

**Litesyn**  
*Your Luminaire craftsman*

**IDP Power Technology Ltd**  
www.idppowertech.com  
email: idppowertech@gmail.com

## MINI CABINET/SPOT LIGHT/TILTABLE/SNOOT

**Model: RR-DL3367**



### Feature:

- Mini Snoot
- Gyro Tili
- Optional long or short snoot

### Technical data:

- Light source High Power LED
- LED Power (max) 1.0W (300mA, 3V)
- System Power (ref.) NA (ref. only depends on the ECG)
- Lumen flux (typ.) 140lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index Ra $\geq$ 90
- MacAdam Step 3
- Tilttable yes
- Beam Angle 20D, 30D, 40D PMMA Lens
- Ingress protection IP54
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Ceiling Recessed, spring type
- Dimension 40mm(OD)x27mm(H)/Cutout 35mm
- LED Driver Trimless

### Electronic control gear

NON-DIM/Dimmable

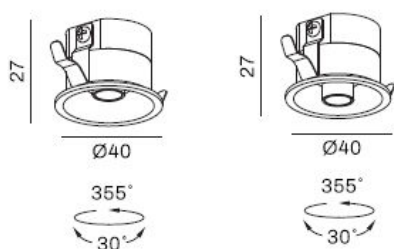
**IDP** MP series

1-10V/0-10V/DALI

**IDP** SC series

Other brand is available upon request

\*Use IDP multi-power LED Driver can trim down the output power according to actual application.



↻ Cutout: 35mm

≡ 5-25mm

### Light Distribution For 2700K spot 15°

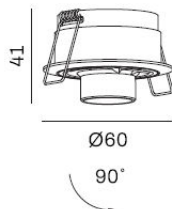
| h(m) | E(lx) | ø(m)  |
|------|-------|-------|
| 1    | 402.4 | ø0.44 |
| 2    | 100.6 | ø0.88 |
| 3    | 44.71 | ø1.31 |
| 4    | 25.15 | ø1.75 |
| 5    | 16.09 | ø2.19 |

**\*\*Optional: Long or Short snoot\*\***

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT LIGHT/TILTABLE/WALL WASHER/SNOOT

**Model: RR-DL3331**



↻ Cutout: 52mm  
⚙ 5-25mm

### Feature:

- Mini Washer
- 360 degree rotation with 90 degree tilt
- Compact design

### Technical data:

|                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | High Power LED                    |
| ▪ LED Power (max)        | 2.1W (700mA, 3V)                  |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 180lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra≥90                             |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 24D, 36D, 50D PMMA Lens           |
| ▪ Tilttable              | Yes                               |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Ceiling Recessed, spring type     |
| ▪ Dimension              | 60mm(OD)x41mm(H)/Cutout 52mm      |
| ▪ LED Driver             | Remote                            |
| ▪ Trimless version       | No                                |

### Electronic control gear

NON-DIM/Dimmable **IDP** MP series

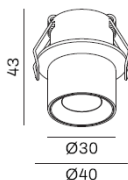
1-10V/0-10V/DALI **IDP** SC series

Other brand is available upon request

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT LIGHT/FIXED

**Model: RR-DL3132**



↻ Cutout: 34mm

↻ 5-25mm

### Feature:

- Mini snoot
- Semi pendant design

### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | High Power LED                    |
| ▪ LED Power (max)        | 2.1W (700mA, 3V)                  |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 160lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra≥90                             |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 20D, 30D, 40D PMMA Lens           |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Ceiling Recessed, spring type     |
| ▪ Dimension              | 40mm(OD)x43mm(H)/Cutout 34mm      |
| ▪ LED Driver             | Remote                            |
| ▪ Trimless version       | No                                |

### Electronic control gear

NON-DIM/Dimmable **IDP** MP series

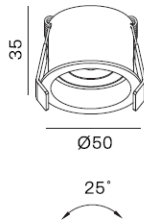
1-10V/0-10V/DALI **IDP** SC series

Other brand is available upon request

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT DOWNLIGHT/DEEP RECESSED/TILTABLE

**Model: RR-DL3300**



↻ Cutout: 45mm  
≡ 5-25mm

### Feature:

- Deep Recessed
- Low UGR
- 25degree tiltable

### Technical data:

|                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | High Power LED                    |
| ▪ LED Power (max)        | 3W @24VDC                         |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 180lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra≥90                             |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 20D, 36D, 50D PMMA Lens           |
| ▪ Tilttable              | Yes                               |
| ▪ Ingress protection     | IP44                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Ceiling Recessed, spring type     |
| ▪ Dimension              | 50mm(OD)x35mm(H)/Cutout 45mm      |
| ▪ LED Driver             | Remote                            |
| ▪ Trimless version       | No                                |

**\*\*Please consult the sale for ECG suggestion\*\***

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT DOWNLIGHT/WALL WASHER/FIXED

**Model: RR-DL3103**



### Feature:

- MINI wall washer

### Technical data:

- Light source: High Power LED
- LED Power (max): 4.5W (500mA, 9V)
- System Power (ref.): 7 (ref. only depends on the ECG)
- Lumen flux (typ.): 250lm
- Colour temperature: 2700K, 3000K, 4000K
- Colour rendering index: Ra $\geq$ 90
- MacAdam Step: 3
- Beam Angle: 15D, 36DPMMA Lens
- Tilttable: No
- Ingress protection: IP21
- Operation temperature: 0-40C
- Protection Class: III
- LED Life time: 50,000h L70B10
- Finishing: White/Black
- Construction: Aluminum
- Installation: Ceiling Recessed, spring type
- Dimension: 60mm(OD)x40mm(H)/Cutout 52mm
- LED Driver: Remote
- Trimless version: No

### Electronic control gear

NON-DIM/Dimmable

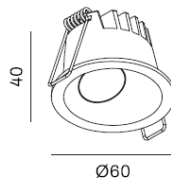
**IDP** MP series

1-10V/0-10V/DALI

**IDP** SC series

Other brand is available upon request

\*Use IDP multi-power LED Driver can trim down the output power according to actual application.



↻ Cutout: 52mm

≡ 5-25mm

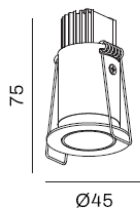
### Light Distribution For 2700K

| spot 19° |       |       | wide 35° |       |       |
|----------|-------|-------|----------|-------|-------|
| h(m)     | E(lx) | ø(m)  | h(m)     | E(lx) | ø(m)  |
| 1        | 1487  | ø0.33 | 1        | 621.9 | ø0.60 |
| 2        | 371.8 | ø0.66 | 2        | 155.5 | ø1.20 |
| 3        | 165.2 | ø1.00 | 3        | 69.10 | ø1.80 |
| 4        | 92.94 | ø1.33 | 4        | 38.87 | ø2.40 |
| 5        | 59.48 | ø1.66 | 5        | 24.88 | ø3.01 |

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT LIGHT/MINI DEEP/BLACK HOLED/FIXED/45mm

**Model: RR-DL3297**



↻ Cutout: 38mm

▨ 5-25mm

### Feature:

- MINI Deep with 5W LED power
- Small cutout 38mm
- Black hole

### Technical data:

- |                          |                                  |
|--------------------------|----------------------------------|
| ▪ Light source           | High Power LED                   |
| ▪ LED Power (max)        | 5.4W (150mA, 36V)                |
| ▪ System Power (ref.)    | 7 (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 250lm                            |
| ▪ Colour temperature     | 2700K, 3000K, 4000K              |
| ▪ Colour rendering index | Ra≥90                            |
| ▪ MacAdam Step           | 3                                |
| ▪ Beam Angle             | 20D, 36D, 50D PMMA Lens          |
| ▪ Tilttable              | No                               |
| ▪ Ingress protection     | IP21                             |
| ▪ Operation temperature  | 0-40C                            |
| ▪ Protection Class       | III                              |
| ▪ LED Life time          | 50,000h L70B10                   |
| ▪ Finishing              | White/Black                      |
| ▪ Construction           | Aluminum                         |
| ▪ Installation           | Ceiling Recessed, spring type    |
| ▪ Dimension              | 45mm(OD)x75mm(H)/Cutout 38mm     |
| ▪ LED Driver             | Remote                           |
| ▪ Trimless version       | No                               |

### Electronic control gear

NON-DIM/Dimmable

**IDP** MP series

1-10V/0-10V/DALI

**IDP** SC series

Other brand is available upon request

\*Use IDP multi-power LED Driver can trim down the output power according to actual application.

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT LIGHT/KEY HOLE/WALL WASHER/TITLABLE

**Model: RR-DL3296**



### Feature:

- Key hole with wall washer
- Up to 4.5W LED power

### Technical data:

- Light source High Power LED
- LED Power (max) 4.5W (500mA, 9V)
- System Power (ref.) 7 (ref. only depends on the ECG)
- Lumen flux (typ.) 250lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 15D, 24D, 36D PMMA Lens
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Ceiling Recessed, spring type
- Dimension 51mm(OD)x67mm(H)/Cutout 47mm
- LED Driver Remote
- Trimless version No

### Electronic control gear

NON-DIM/Dimmable

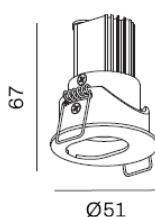
**IDP** MP series

1-10V/0-10V/DALI

**IDP** SC series

Other brand is available upon request

\*Use IDP multi-power LED Driver can trim down the output power according to actual application.



↻ Cutout: 47mm

≡ 5-25mm

### Light Distribution For 3000K

| spot 15° |       |       | medium 20° |       |       | wide 36° |       |       |
|----------|-------|-------|------------|-------|-------|----------|-------|-------|
| h(m)     | E(lx) | ø(m)  | h(m)       | E(lx) | ø(m)  | h(m)     | E(lx) | ø(m)  |
| 1        | 1972  | ø0.27 | 1          | 1985  | ø0.35 | 1        | 835.0 | ø0.63 |
| 2        | 492.9 | ø0.54 | 2          | 496.3 | ø0.70 | 2        | 208.7 | ø1.27 |
| 3        | 219.1 | ø0.82 | 3          | 220.6 | ø1.06 | 3        | 92.77 | ø1.91 |
| 4        | 123.2 | ø1.09 | 4          | 124.1 | ø1.41 | 4        | 52.19 | ø2.55 |
| 5        | 78.87 | ø1.36 | 5          | 79.41 | ø1.77 | 5        | 33.40 | ø3.19 |

**\*\*The specification is subject to change without note.\*\***



## MINI CABINET/SPOT LIGHT/MINI DEEP/FIXED/40mm

**Model: RR-DL3325**



### Feature:

- Deep recessed
- Low UGR

### Technical data:

- Light source High Power LED
- LED Power (max) 2.1W (700mA, 3V)
- System Power (ref.) NA (ref. only depends on the ECG)
- Lumen flux (typ.) 150lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 12D, 20D, 36D PMMA Lens
- Tiltable No
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Ceiling Recessed, spring type
- Dimension 40mm(OD)x50mm(H)/Cutout 35mm
- LED Driver
- Trimless version No

### Electronic control gear

NON-DIM/Dimmable

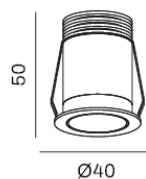
**IDP** MP series

1-10V/0-10V/DALI

**IDP** SC series

Other brand is available upon request

\*Use IDP multi-power LED Driver can trim down the output power according to actual application.



↻ Cutout: 35mm

⚙ 5-25mm

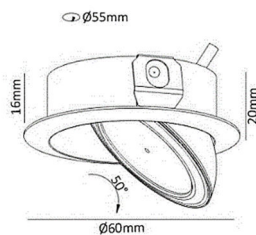
### Light Distribution For 3000K spot 12°

| h(m) | E(lx) | ø(m)  |
|------|-------|-------|
| 1    | 749.9 | ø0.30 |
| 2    | 187.5 | ø0.60 |
| 3    | 83.32 | ø0.90 |
| 4    | 46.87 | ø1.20 |
| 5    | 30.00 | ø1.50 |

**\*\*The specification is subject to change without note.\*\***

## MINI CABINET/SPOT DOWNLIGHT/ULTRA THIN/ADJUSTABLE

**Model: RR-DL3573**



### Feature:

- Ultra thin
- 50 degree adjustable

### Technical data:

- Light source High Power LED
- LED Power (max) 3.2W (350mA, 9V)
- System Power (ref.) NA (ref. only depends on the ECG)
- Lumen flux (typ.) 150lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 36D PMMA Lens
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Ceiling Recessed, spring type
- Dimension 60mm(OD)x16mm(H)/Cutout 55mm
- LED Driver Remote
- Trimless version No

### Electronic control gear

NON-DIM/Dimmable

**IDP** MP series

1-10V/0-10V/DALI

**IDP** SC series

Other brand is available upon request

\*Use IDP multi-power LED Driver can trim down the output power according to actual application.

Light Distribution For 2700K  
medium 32.8°

| h(m) | E(lx) | ø(m)  |
|------|-------|-------|
| 1    | 795.8 | ø0.59 |
| 2    | 199.0 | ø1.17 |
| 3    | 88.42 | ø1.77 |
| 4    | 49.74 | ø2.35 |
| 5    | 31.83 | ø2.95 |

**\*\*The specification is subject to change without note.\*\***