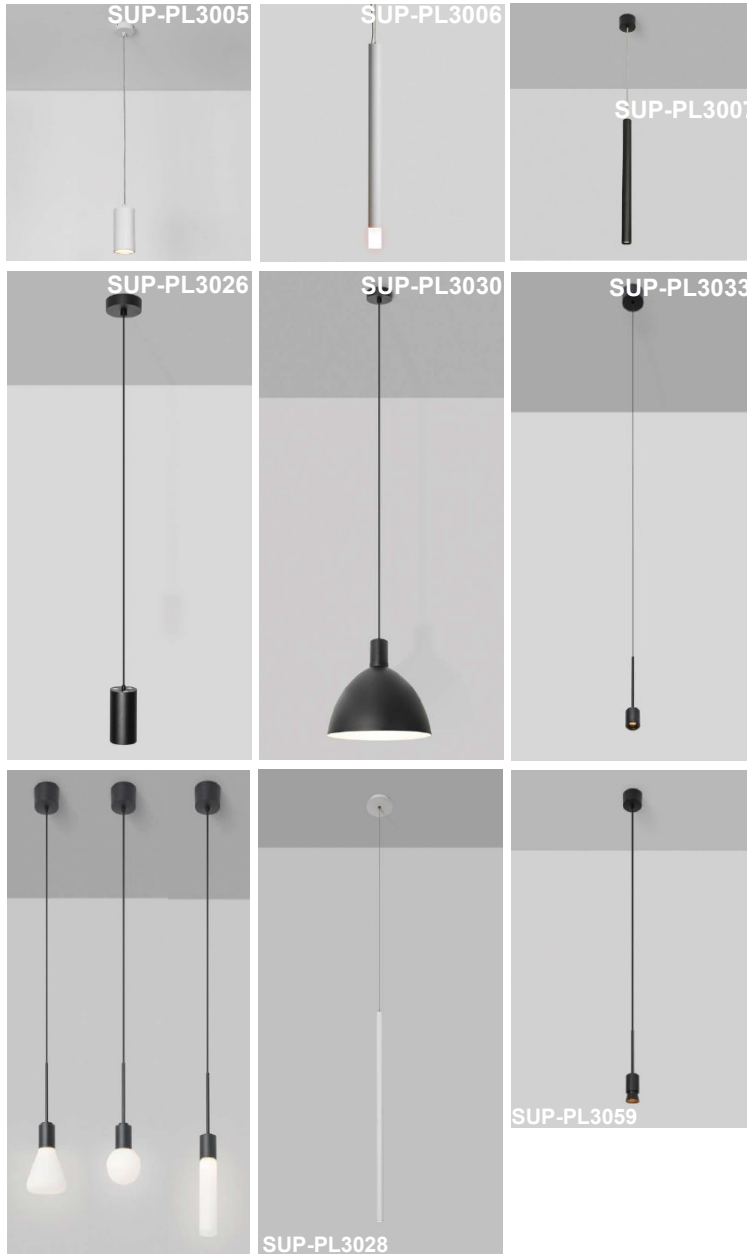


# LED LIGHTING

## CATALOGUE

VER. 01



## SUSPENSION

Suspension series is a range of pendants light for your interior design.

**Litesyn**  
Your Luminaire craftsman

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

## PENDANTS/SPOT LIGHT/ANTI-GLARE

**Model: SUP-PL3005**



### Feature:

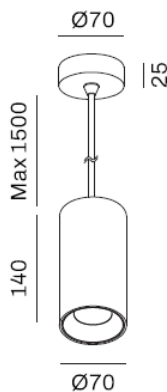
- Fixed pendant spot light 70mm diameter
- Compact design
- Build in LED Driver

### Technical data:

- Light source COB or others
- LED Power (max) 9W (250mA, 36V)
- System Power (ref.) 11W (ref. only depends on the ECG)
- Lumen flux (typ.) 650lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 36D, 45D 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 Suspension
- Dimension 70mm(OD)x140mm(H)
- LED Driver Build in
- Trimless version NA

### Electronic control gear

Build in On/Off LED Driver  
(Dimmable LED Driver is on request)



Light Distribution For 3000K  
medium 36.6°

| h(m) | E(lx) | ø(m)  |
|------|-------|-------|
| 1    | 1150  | ø0.66 |
| 2    | 287.5 | ø1.33 |
| 3    | 127.8 | ø1.99 |
| 4    | 71.87 | ø2.65 |
| 5    | 46.00 | ø3.32 |

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

## PENDANTS/TUBULAR/LONG SLIM DESIGN

**Model: SUP-PL3006**



### Feature:

- Diffused pendant light 45mm diameter
- Long slim tubular design
- Build in LED Driver

### Technical data:

- |                          |  |
|--------------------------|--|
| ▪ Light source           | COB or others                                    |
| ▪ LED Power (max)        | 4.5W (500mA, 9V)                                 |
| ▪ System Power (ref.)    | 7W <small>(ref. only depends on the ECG)</small> |
| ▪ Lumen flux (typ.)      | 250lm  |
| ▪ Colour temperature     | 2700K, 3000K, 4000K                              |
| ▪ Colour rendering index | Ra $\geq$ 90                                     |
| ▪ MacAdam Step           | 3  |
| ▪ Beam Angle             | WIDE   |
| ▪ Tilttable              | No   |
| ▪ Ingress protection     | IP21   |
| ▪ Operation temperature  | 0-40C  |
| ▪ Protection Class       | III  |
| ▪ LED Life time          | 50,000h L70B10                                   |
| ▪ Finishing              | White/Black                                      |
| ▪ Construction           | Aluminum   |
| ▪ Installation           | Suspension                                       |
| ▪ Dimension              | 45mm(OD)x700mm(H)                                |
| ▪ LED Driver             | Build in   |
| ▪ Trimless version       | NA   |

### Electronic control gear

Build in On/Off LED Driver  
(Dimmable LED Driver is on request)

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

## PENDANTS/TUBULAR/LONG SLIM DESIGN

**Model: SUP-PL3007**



### Feature:

- Spot pendant light 45mm diameter
- Long slim tubular design
- Build in LED Driver

### Technical data:

- Light source COB or others
- LED Power (max) 4.5W (500mA, 9V)
- System Power (ref.) 7W (ref. only depends on the ECG)
- Lumen flux (typ.) 350lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 15D, 24D, 36D 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 Suspension
- Dimension 45mm(OD)x700mm(H)
- LED Driver Build in
- Trimless version NA

### Electronic control gear

Build in On/Off LED Driver  
(Dimmable LED Driver is on request)

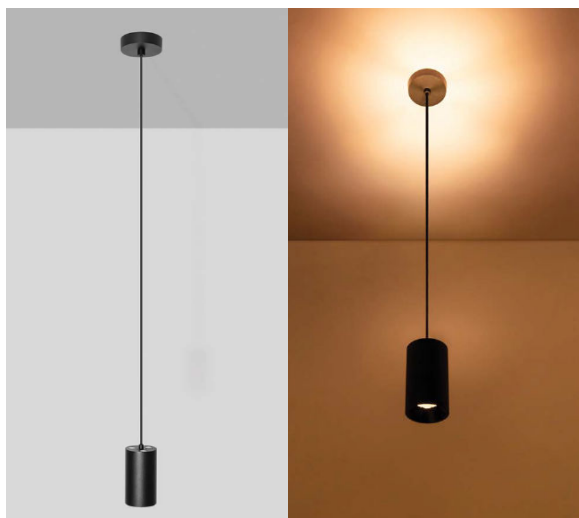
#### Light Distribution For 2700K

| spot 13° |       |       | medium 19° |       |       | wide 35° |       |       |
|----------|-------|-------|------------|-------|-------|----------|-------|-------|
| h(m)     | E(lx) | ø(m)  | h(m)       | E(lx) | ø(m)  | h(m)     | E(lx) | ø(m)  |
| 1        | 3033  | ø0.22 | 1          | 1487  | ø0.33 | 1        | 621.9 | ø0.60 |
| 2        | 758,4 | ø0.44 | 2          | 371.8 | ø0.66 | 2        | 155,5 | ø1,20 |
| 3        | 337.1 | ø0.67 | 3          | 165.2 | ø1.00 | 3        | 69.10 | ø1.80 |
| 4        | 189.6 | ø0.89 | 4          | 92.94 | ø1.33 | 4        | 38.87 | ø2.40 |
| 5        | 121.3 | ø1.12 | 5          | 59.48 | ø1.66 | 5        | 24.88 | ø3.01 |

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

## PENDANTS/UP& DOWN LIGHT/75mm DIAMETER

**Model: SUP-PL3026**

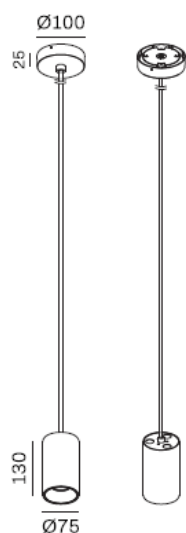


### Feature:

- UP & DOWN Spot pendant light 75mm diameter
- Compact design
- Build in LED Driver

### Technical data:

- Light source COB or others
- LED Power (max) 4.5W (500mA, 9V, UP)  
8.3W (230mA, 36V, DOWN)
- System Power (ref.) 7W + 11W (ref. only depends on the ECG)
- Lumen flux (typ.) 250lm (UP); 650lm (DOWN)
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 15D, 24D, 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 Suspension
- Dimension 75mm(OD)x130mm(H)
- LED Driver Build in
- Trimless version NA



### Electronic control gear

Build in On/Off LED Driver  
(Dimmable LED Driver is on request)

#### Light Distribution For 3000K

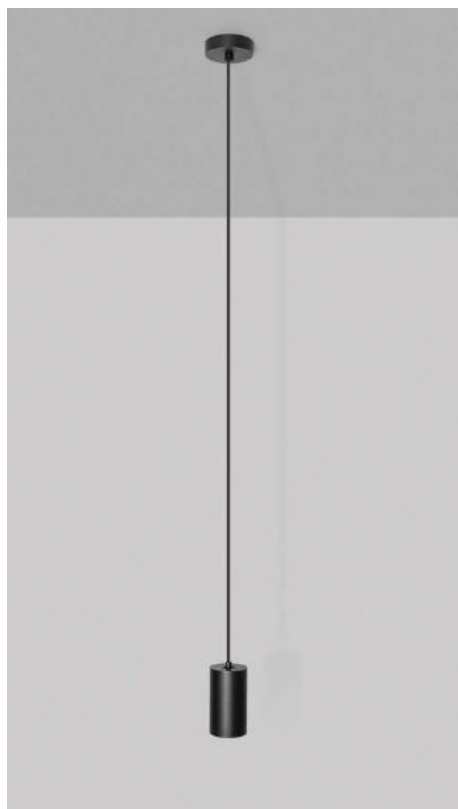
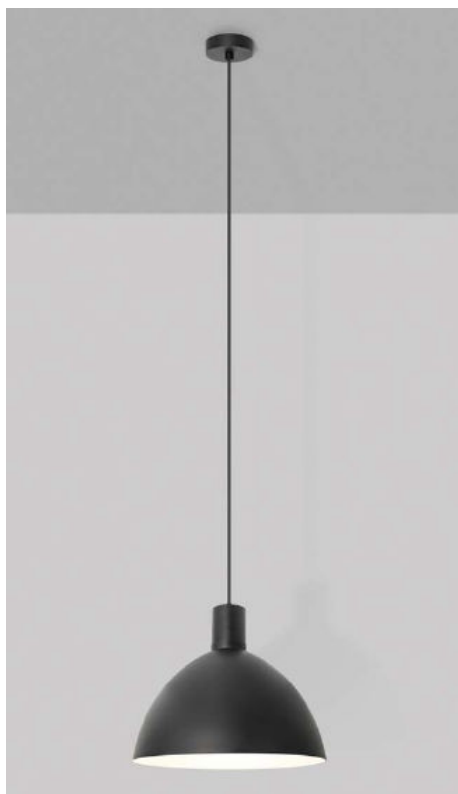
wide 32°

| h(m) | E(lx) | ø(m)  |
|------|-------|-------|
| 1    | 1409  | ø0.57 |
| 2    | 352.3 | ø1.14 |
| 3    | 156.6 | ø1.70 |
| 4    | 88.06 | ø2.27 |
| 5    | 56.36 | ø2.83 |

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

## PENDANTS/SPOT SPOT/ANTI-GLARE

**Model: SUP-PL3030**



### Feature:

- Pendant Spot Light with 80mm diameter tube
- Optional lamp shield
- Build in LED driver

### Technical data:

- Light source COB or others
- LED Power (max) 28W (800mA, 36V)
- System Power (ref.) 34W (ref. only depends on the ECG)
- Lumen flux (typ.) 2600lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 36D, 60D 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 Suspension
- Dimension 80mm(OD)x170mm(H)
- LED Driver Build in
- Trimless version NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

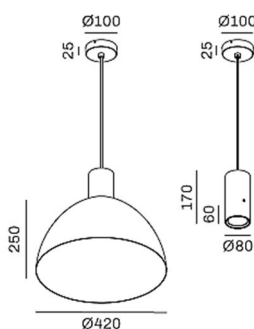
#### Light Distribution For 3000K

medium 24°

| h(m) | E(lx) | ø(m)  |
|------|-------|-------|
| 1    | 9251  | ø0.42 |
| 2    | 2313  | ø0.85 |
| 3    | 1028  | ø1.27 |
| 4    | 578.2 | ø1.70 |
| 5    | 370.0 | ø2.12 |

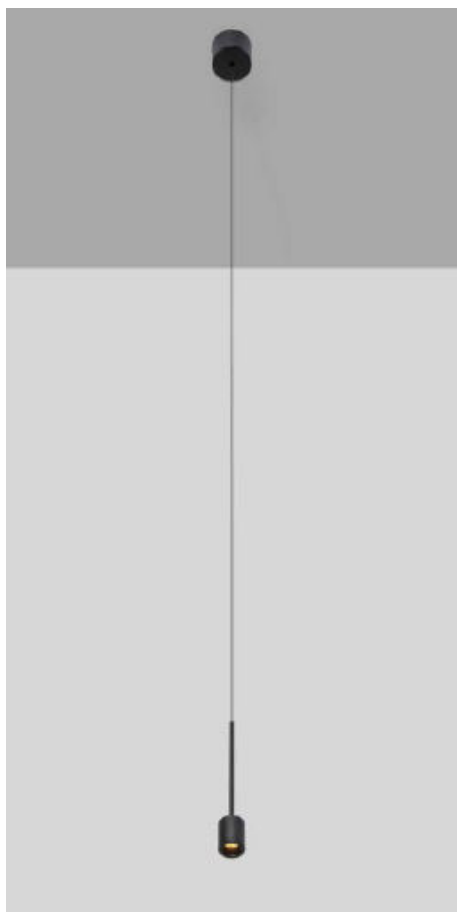
**\*\*Accessories: Honeycomb Louvre\*\***

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



## PENDANTS/MICRO SPOT/ANTI-GLARE

**Model: SUP-PL3033**



### Feature:

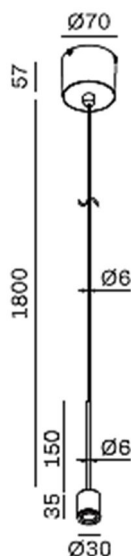
- Pendant Micro Spot Light with 30mm diameter tube
- Slim body with steel wire
- Remote LED driver

### Technical data:

- Light source High Power LED
- LED Power (max) 2.1W (700mA, 3V)
- System Power (ref.) 5W (ref. only depends on the ECG)
- Lumen flux (typ.) 140lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 15D, 24D, 36D 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 Suspension
- Dimension refer to drawing
- LED Driver Build in
- Trimless version NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)



### Light Distribution For 2700K

| spot 18° |       |       | medium 24° |       |       |
|----------|-------|-------|------------|-------|-------|
| h(m)     | E(lx) | ø(m)  | h(m)       | E(lx) | ø(m)  |
| 1        | 551.1 | ø0.32 | 1          | 402.4 | ø0.44 |
| 2        | 137.8 | ø0.65 | 2          | 100.6 | ø0.88 |
| 3        | 61.23 | ø0.97 | 3          | 44.71 | ø1.31 |
| 4        | 34.44 | ø1.30 | 4          | 25.15 | ø1.75 |
| 5        | 22.04 | ø1.62 | 5          | 16.09 | ø2.19 |

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

## PENDANTS/3 DIFFERENT GLASS DROP

**Model: SUP-PL3023/PL3024/PL3025**



SUP-PL3023

SUP-PL3024

SUP-PL3025

### Feature:

- 3 different glass drops
- Even light distribution
- Remote LED driver

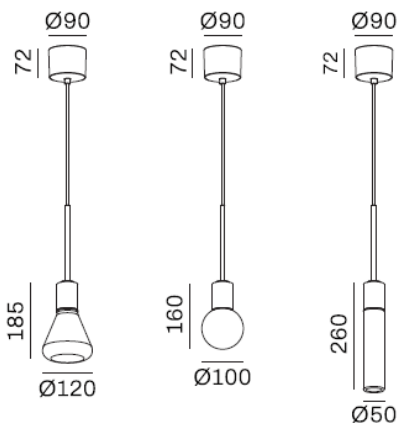
### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | COB or others                     |
| ▪ LED Power (max)        | 6.3W (350mA, 18V)                 |
| ▪ System Power (ref.)    | 9W (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             | WIDE                              |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Suspension                        |
| ▪ Dimension              | Refer to drawing                  |
| ▪ LED Driver             | Build in                          |
| ▪ Trimless version       | NA                                |

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

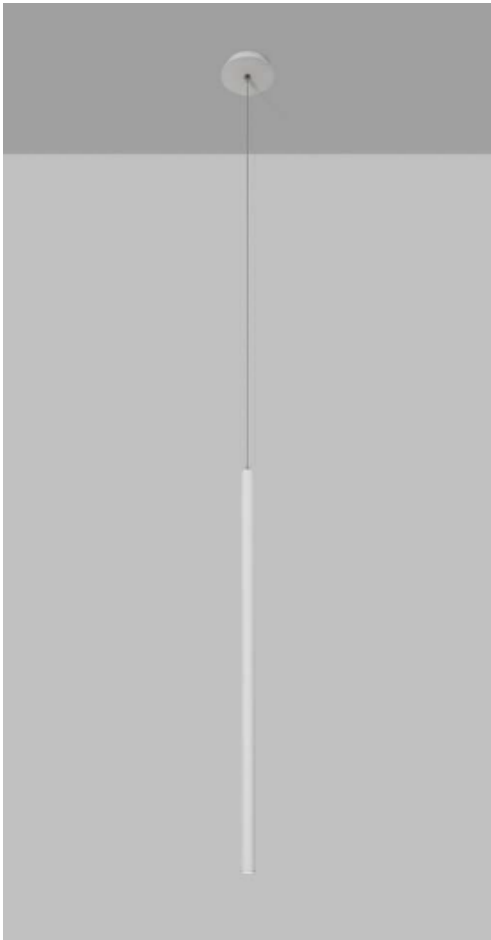
**\*\*The specification is subject to change without note.\*\***





## PENDANTS/SLIM/ANTI-GLARE

**Model: SUP-PL0028**



### Feature:

- Pendant Slim Spot Light with 25mm diameter tube
- Slim body with steel wire
- Remote LED driver

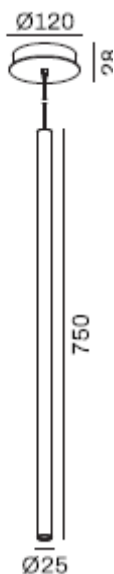
### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | High Power LED                    |
| ▪ LED Power (max)        | 3.6W (100mA, 36V)                 |
| ▪ System Power (ref.)    | 6W (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 300lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra≥90                             |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 15D, 38D 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           | Suspension                        |
| ▪ Dimension              | Refer to drawing                  |
| ▪ LED Driver             | Build in                          |
| ▪ Trimless version       | NA                                |

### Electronic control gear

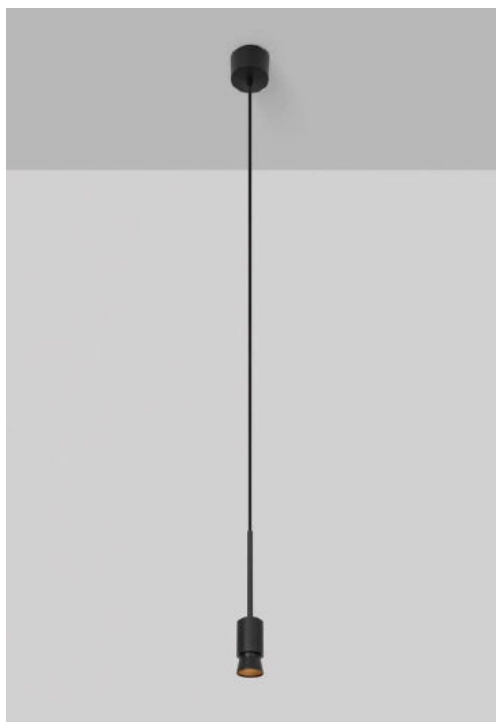
Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

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



## PENDANTS/MICRO SLIM/ANTI-GLARE

**Model: SUP-PL3059**



### Feature:

- Micro Slim Spot Light with 50mm diameter tube
- Unique outlook design with low glare
- Remote LED driver

### Technical data:

- Light source High Power LED
- LED Power (max) 6.3W (350mA, 18V)
- System Power (ref.) 9W (ref. only depends on the ECG)
- Lumen flux (typ.) 450lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 38D 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 Suspension
- Dimension Refer to drawing
- LED Driver Build in
- Trimless version NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

Light Distribution For 2700K  
wide 38°

| h(m) | E(lx) | Ø(m)  |
|------|-------|-------|
| 1    | 1052  | Ø0.68 |
| 2    | 262.9 | Ø1.37 |
| 3    | 116.9 | Ø2.05 |
| 4    | 65.74 | Ø2.74 |
| 5    | 42.07 | Ø3.43 |

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