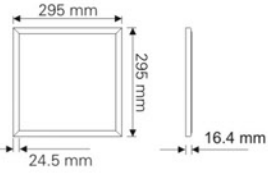
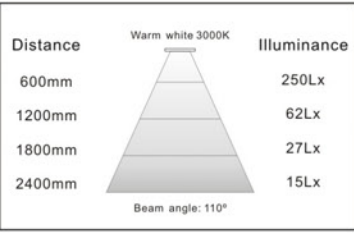
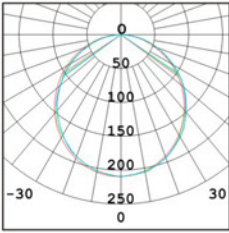


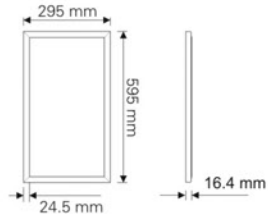
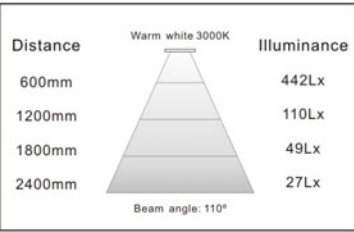
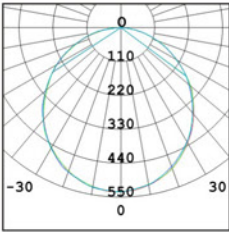
Frameless 3030

Product features:
LD-PA-DM2835W-S
DC 24V
13W / pc
295mm*295mm*16.4mm
1.5kg
660lm(CW) 620lm(NW) 488lm(WW)



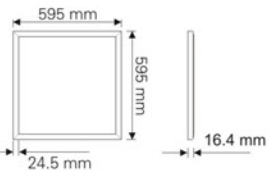
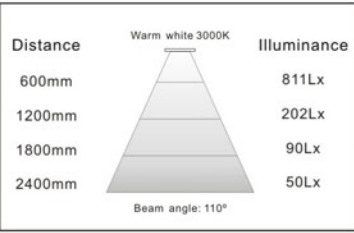
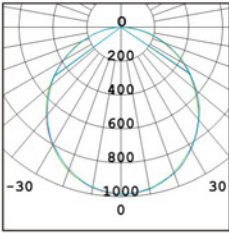
Frameless 3060

Product features:
LD-PA-DM2835W-R
DC 24V
24W / pc
595mm*295mm*16.4mm
2.5kg
1550lm(CW) 1430lm(NW) 1270lm(WW)



Frameless 6060

Product features:
LD-PA-DM2835W-N
DC 24V
47W / pc
595mm*595mm*16.4mm
4.5kg
3380lm(CW) 3120lm(NW) 2830lm(WW)



LED panel downlights, Ambient temperature tested -40°C to +50°C, IP52, Class 1. 120 degree

Material: Housing- die-cast ADC 3 alum Alloy.
Diffuser plate- 4mm toughened fire-resist PMMA sheets, 93%transmission.
Light guide plate- 1.2mm 99.9% pure, digital V-cut curved Japan-made Mitsubishi LGP.
Iridescence class3. Gasket and seals- IP52.
Fixings- steel mechanical spring clips.
Installationinterface- hot-dip zinc drilling holes on gypsum.

Finishing: Mechanical and chemical anti-corrosion treatment; AKZO-NOBEL, polyester, UVresistant, exterior paint system, thermally cured at 200°C.

Control gear: External. Magnetic, HPF (0.9), thermal overload protected for LED. IEC. Optional for purchase.

Options: led modules constant voltage DC 24V, constant current 450mA, 700mA. DC dimmable and constant current non-dimmable. 3000K, 4000K, 6000K. Other options upon requirements.

Accessories: red-black flat cable wires and DC plugs fire resistant.

Standards:

CE (EMC)
EN 55015: 2006+A1:2007+A2:2009
EN 61547:2009
EN 61000-3-2:2006+A1:2009
EN 61000-3-3: 2008

CE (LVD)
EN60598-1:2008+A11:2009
EN60598-2-1:1989
EN62471: 2008

RoHS Directive: 2011/65/EU (Directive 2002/95/EC)
EPA3050B:1996, EN1122B:2001, EPA3052:1996, EPA3060A:1996,
EPA7196A:1992, EPA3540C:1996, EPA8270D: 2007, IEC62321:2008



Diamond 3030



Diamond 3060



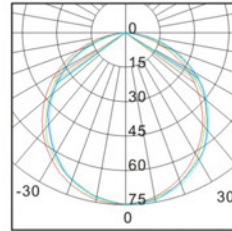
Diamond 6060



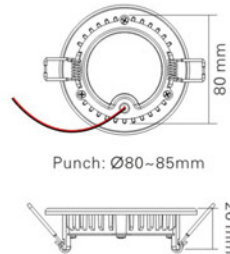
Round 95

Product features:

LD-CL-R9524
DC 24V
0.19A
4.5W/pc
Φ95x26mm
95g/pc
275lm(CW) 250lm(NW) 230lm(WW)



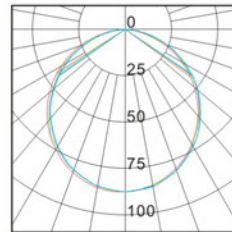
Distance	Warm white 3000K	Illuminance
1000mm		51Lx
2000mm		13Lx
3000mm		5Lx
4000mm		3Lx



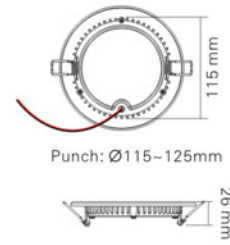
Round 140

Product features:

LD-CL-R14024
DC 24V
0.23A
5.5W/pc
Φ140x26mm
183g/pc
350lm(CW) 330lm(NW) 320lm(WW)



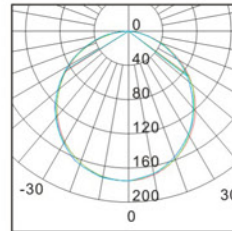
Distance	Warm white 3000K	Illuminance
1000mm		65Lx
2000mm		16Lx
3000mm		7Lx
4000mm		4Lx



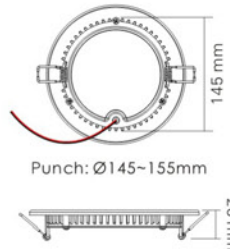
Round 170

Product features:

LD-CL-R17024
DC 24V
0.4A
9.6W/pc
Φ170x26mm
248g/pc
560lm(CW) 550lm(NW) 530lm(WW)



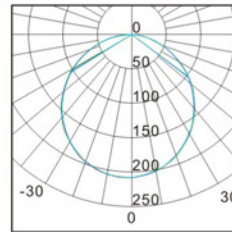
Distance	Warm white 3000K	Illuminance
1000mm		104Lx
2000mm		26Lx
3000mm		11Lx
4000mm		6Lx



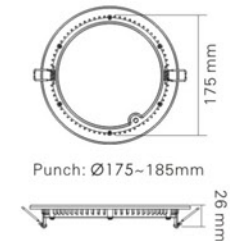
Round 200

Product features:

LD-CL-R20024
DC 24V
0.46A
11W/pc
Φ200x26mm
344g/pc
650lm(CW) 630lm(NW) 620lm(WW)



Distance	Warm white 3000K	Illuminance
1000mm		121Lx
2000mm		30Lx
3000mm		13Lx
4000mm		7Lx



Round 95



Round 140

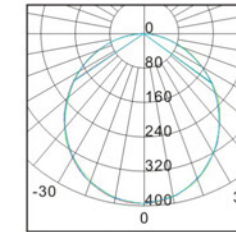


Round 170

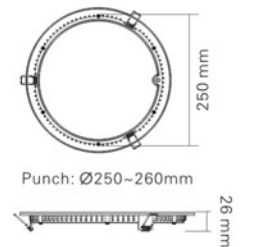
Round 275

Product features:

LD-CL-R27524
DC 24V
0.76A
18.25W/pc
Φ275x26mm
616g/pc
1200lm(CW) 1150lm(NW) 1130lm(WW)



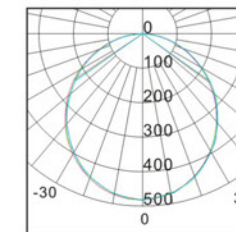
Distance	Warm white 3000K	Illuminance
1000mm		224Lx
2000mm		56Lx
3000mm		25Lx
4000mm		14Lx



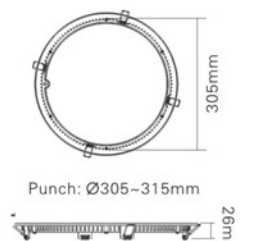
Round 330

Product features:

LD-CL-R33024
DC 24V
0.89A
21.36W/pc
Φ330x26mm
955g/pc
1600lm(CW) 1560lm(NW) 1540lm(WW)



Distance	Warm white 3000K	Illuminance
1000mm		298Lx
2000mm		75Lx
3000mm		33Lx
4000mm		18Lx



Frame Color Options

RAL9010	RAL9016	RAL9003	RAL9006
pure white	traffic white	signal white	white aluminum



Round 200



Round 275

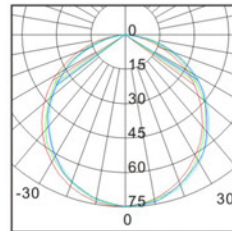


Round 330

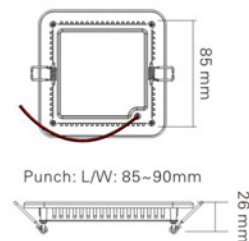
Rectangular 100

Product features:

LD-CL-L100-24
Working voltage: DC 24V
Working current: 0.2A
Power consumption: 4.8W/pc
Dimension: 100x100x26mm
Weight: 128g/pc
275lm(CW) 260lm(NW) 250lm(WW)



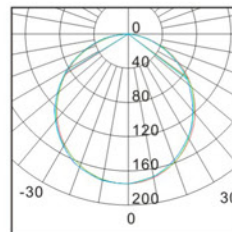
Distance	Warm white 3000K	Illuminance
1000mm		51Lx
2000mm		13Lx
3000mm		5Lx
4000mm		3Lx



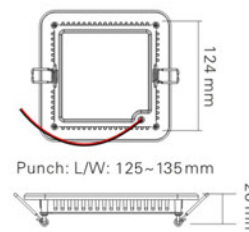
Rectangular 150

Product features:

LD-CL-L150-24
Working voltage: DC 24V
Working current: 0.375A
Power consumption: 9W/pc
Dimension: 150x150x26mm
Weight: 259g/pc
550lm(CW) 540lm(NW) 520lm(WW)



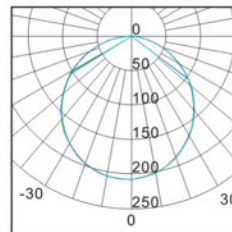
Distance	Warm white 3000K	Illuminance
1000mm		104Lx
2000mm		26Lx
3000mm		11Lx
4000mm		6Lx



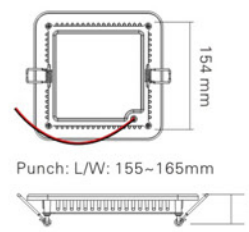
Rectangular 180

Product features:

LD-CL-L180-24
Working voltage: DC 24V
Working current: 0.47A
Power consumption: 11.28W/pc
Dimension: 250x250x26mm
Weight: 359g/pc
Emitting Color: white, warm white
670lm(CW) 650lm(NW) 640lm(WW)



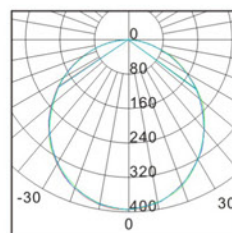
Distance	Warm white 3000K	Illuminance
1000mm		121Lx
2000mm		30Lx
3000mm		13Lx
4000mm		7Lx



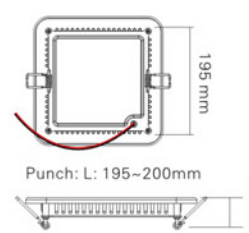
Rectangular 220

Product features:

LD-CL-L220-24
Working voltage: DC 24V
Working current: 0.75A
Power consumption: 18W/pc
Dimension: 250x250x26mm
Weight: 676g/pc
1240lm(CW) 1220lm(NW) 1200lm(WW)



Distance	Warm white 3000K	Illuminance
1000mm		224Lx
2000mm		56Lx
3000mm		25Lx
4000mm		14Lx



Rectangular 100



Rectangular 150

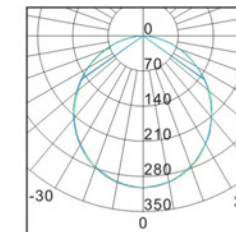


Rectangular 180

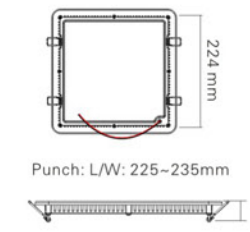
Rectangular 250

Product features:

LD-CL-L250-24
Working voltage: DC 24V
Working current: 0.84A
Power consumption: 20W/pc
Dimension: 250x250x26mm
Weight: 676g/pc
1340lm(CW) 1320lm(NW) 1300lm(WW)



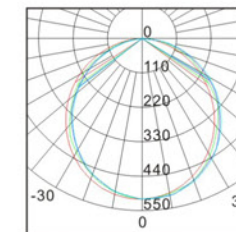
Distance	Warm white 3000K	Illuminance
1000mm		242Lx
2000mm		61Lx
3000mm		27Lx
4000mm		15Lx



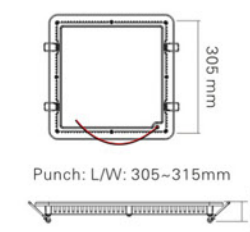
Rectangular 330

Product features:

LD-CL-R33024
Working voltage: DC 24V
Working current: 1.2A
Power consumption: 29W/pc
Dimension: 330x330x26mm
Weight: 1208g/pc
1960lm(CW) 1910lm(NW) 1860lm(WW)



Distance	Warm white 3000K	Illuminance
1000mm		366Lx
2000mm		91Lx
3000mm		41Lx
4000mm		23Lx



Frame Color Options

RAL9010	RAL9016	RAL9003	RAL9006
pure white	traffic white	signal white	white aluminum



Rectangular 200



Rectangular 250



Rectangular 330



LED panel downlights, Ambient temperature tested -40°C to +50°C, IP52, Class 3. 120 degree

Material: Housing- die-cast ADC 3 alum Alloy.
Diffuser plate- 4mm toughened fire-resist PMMA sheets, 93%transmission.
Light guide plage- 1.2mm 99.9% pure, digital V-cut curved Japan-made Mitsubishi LGP.
Iridescence class3. Gasket and seals- IP52.
Fixings- steel mechanical spring clips.
Installationinterface- hot-dip zinc drilling holes on gypsum.

Finishing: Mechanical and chemical anti-corrosion treatment; AKZO-NOBEL, polyester, UVresistant, exterior paint system, thermally cured at 200°C.

Reflector: symmetric projectors incorporate precise distribution reflector that creates a powerful narrow beam. The rotationallysymmetric lighting distribution makes it possible to optimize definition of sculptures and architecture features.The range also incorporates a elliptical beam and a long distance spot beam.

Control gear: External. Magnetic, HPF (0.95), thermal overload protected for LED. Constant current-driven.

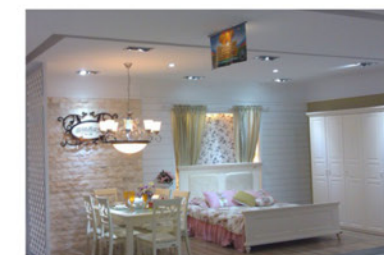
Options: Electronic, thermal and overload protected gear on request.Marine environment version on request (IP68), LM6 alum. alloy.Other colours available on request.

Standards:

CE (EMC)
EN 55015: 2006+A1:2007+A2:2009
EN 61547:2009
EN 61000-3-2:2006+A1:2009
EN 61000-3-3: 2008

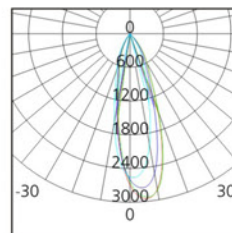
CE (LVD)
EN60598-1:2008+A11:2009
EN60598-2-1:1989
EN62471: 2008

RoHS Directive: 2011/65/EU (Directive 2002/95/EC)
EPA3050B:1996, EN1122B:2001, EPA3052:1996, EPA3060A:1996,
EPA7196A:1992, EPA3540C:1996, EPA8270D: 2007, IEC62321:2008



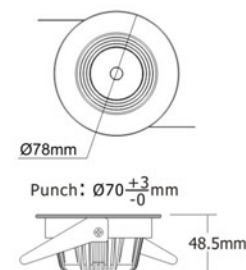
COB Concise A 2.5

Product features:
LD-CA-2.5
AC100~240V (50-60Hz)
23°
6W/pc
Ø78*36mm (cutout 2.5inches)
450lm(WW) 460lm(NW) 470lm(CW)



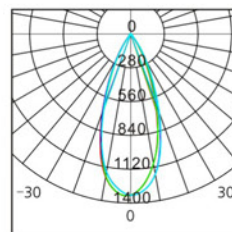
Distance	Warm white 3000K	Illuminance
1000mm		1783Lx
2000mm		446Lx
3000mm		198Lx
4000mm		112Lx

Beam angle: 23°



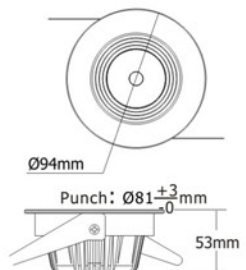
COB Concise A 3

Product features:
LD-DL-CA-3
AC100~240V (50-60Hz)
7W/pc
17°/38°/58°
Ø95*46mm (cutout 3inches)
625lm(WW) 650lm(NW) 670lm(CW)



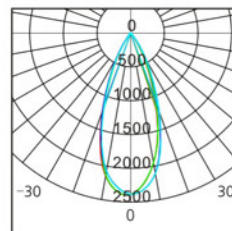
Distance	Warm white 3000K	Illuminance
1000mm		911Lx
2000mm		228Lx
3000mm		101Lx
4000mm		57Lx

Beam angle: 38°



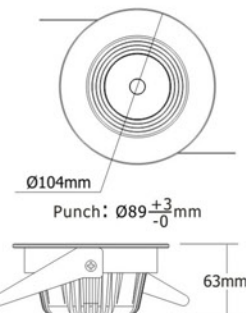
COB Concise A 3.5

Product features:
LD-DL-CA-3.5
AC100~240V (50-60Hz)
10W/pc
22.5°/36.5°/56°
Ø104*52mm (cutout 3.5inches)
950lm(WW) 965lm(NW) 980lm(CW)



Distance	Warm white 3000K	Illuminance
1000mm		1589Lx
2000mm		397Lx
3000mm		176Lx
4000mm		99Lx

Beam angle: 36.5°



COB Concise A 2.5



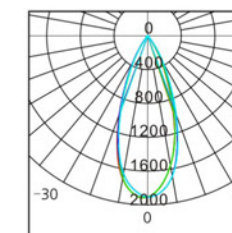
COB Concise A 3



COB Concise A 3.5

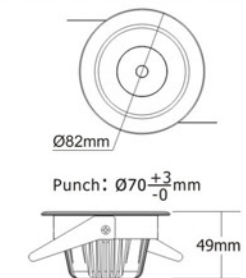
COB Concise B 2.5

Product features:
LD-DL-CB-2.5
AC100~240V (50-60Hz)
23°
5W/pc
Ø78*36mm (cutout 2.5inches)
330lm(WW) 340lm(NW) 350lm(CW)



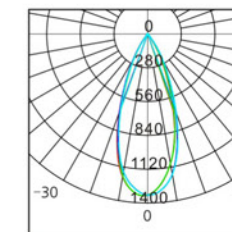
Distance	Warm white 3000K	Illuminance
1000mm		1308Lx
2000mm		327Lx
3000mm		145Lx
4000mm		82Lx

Beam angle: 23°



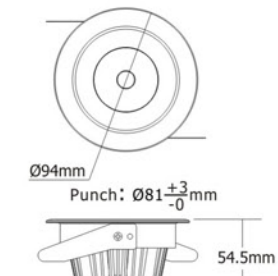
COB Concise B 3

Product features:
LD-DL-CB-3
AC100~240V (50-60Hz)
7W/pc
17°/38°/58°
Ø94*54.5mm (cutout 3inches)
625lm(WW) 650lm(NW) 670lm(CW)



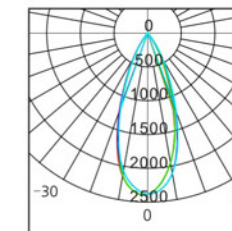
Distance	Warm white 3000K	Illuminance
1000mm		911Lx
2000mm		228Lx
3000mm		101Lx
4000mm		57Lx

Beam angle: 38°



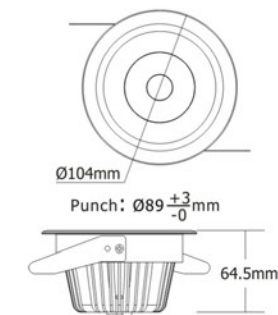
COB Concise B 3.5

Product features:
LD-DL-CB-3.5
AC100~240V (50-60Hz)
10W/pc
22.5°/36.5°/56°
Ø104*64.5mm (cutout 3.5inches)
950lm(WW) 965lm(NW) 980lm(CW)



Distance	Warm white 3000K	Illuminance
1000mm		1589Lx
2000mm		397Lx
3000mm		176Lx
4000mm		99Lx

Beam angle: 36.5°



COB brand options



Bridgelux



Cree



Sharp



COB Concise B 2.5



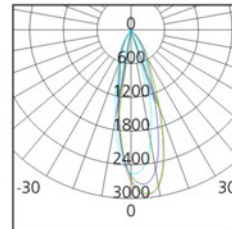
COB Concise B 3



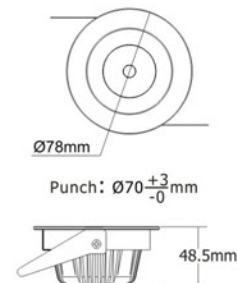
COB Concise B 3.5

COB Concise C 2.5

Product features:
LD-DL-CC-2.5
AC100~240V (50-60Hz)
23°
5W/pc
Ø78*48.5mm (cutout 2.5inches)
330lm(WW) 340lm(NW) 350lm(CW)

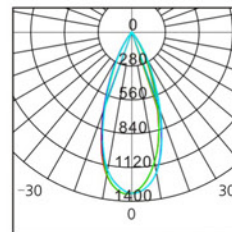


Distance	Warm white 3000K	Illuminance
1000mm		1783Lx
2000mm		446Lx
3000mm		198Lx
4000mm		112Lx

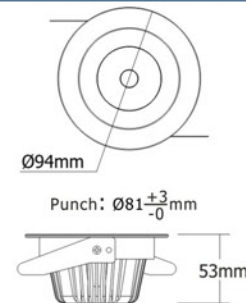


COB Concise C 3

Product features:
LD-DL-CC-3
AC100~240V (50-60Hz)
7W/pc
17°/38°/58°
Ø94*53mm (cutout 3inches)
625lm(WW) 650lm(NW) 670lm(CW)

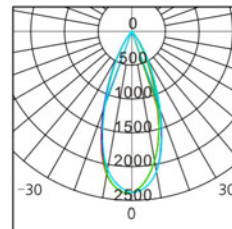


Distance	Warm white 3000K	Illuminance
1000mm		911Lx
2000mm		228Lx
3000mm		101Lx
4000mm		57Lx

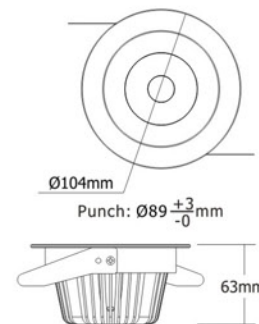


COB Concise C 3.5

Product features:
LD-DL-CC-3.5
AC100~240V (50-60Hz)
10W/pc
22.5°/36.5°/56°
Ø104*62.3mm (cutout 3.5inches)
950lm(WW) 965lm(NW) 980lm(CW)

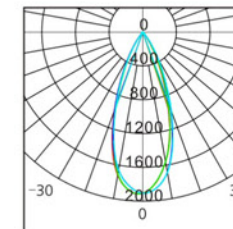


Distance	Warm white 3000K	Illuminance
1000mm		1589Lx
2000mm		397Lx
3000mm		176Lx
4000mm		99Lx

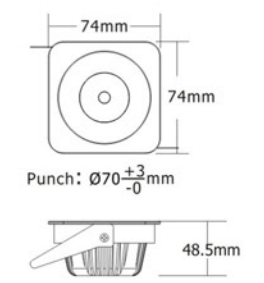


COB Concise D 2.5

Product features:
LD-DL-CD-2.5
AC100~240V (50-60Hz)
23°
5W/pc
74*74*48.5mm (cutout 2.5inches)
330lm(WW) 340lm(NW) 350lm(CW)

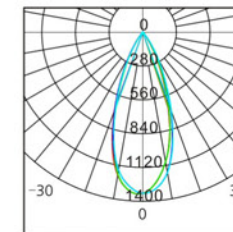


Distance	Warm white 3000K	Illuminance
1000mm		1308Lx
2000mm		327Lx
3000mm		145Lx
4000mm		82Lx

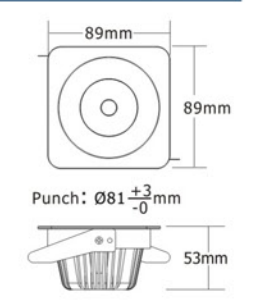


COB Concise D 3

Product features:
LD-DL-CD-3
AC100~240V (50-60Hz)
7W/pc
17°/38°/58°
89*89*53mm (cutout 3inches)
625lm(WW) 650lm(NW) 670lm(CW)

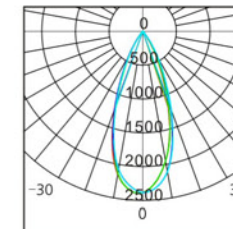


Distance	Warm white 3000K	Illuminance
1000mm		911Lx
2000mm		228Lx
3000mm		101Lx
4000mm		57Lx

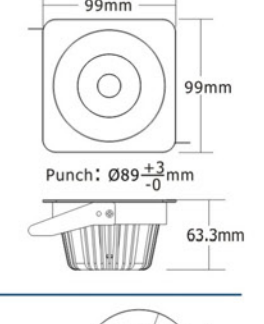


COB Concise D 3.5

Product features:
LD-DL-CD-3.5
AC100~240V (50-60Hz)
10W/pc
22.5°/36.5°/56°
99*99*63.3mm (cutout 3.5inches)
950lm(WW) 965lm(NW) 980lm(CW)

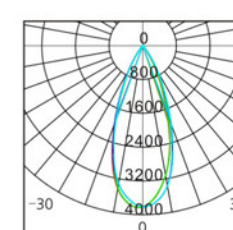


Distance	Warm white 3000K	Illuminance
1000mm		1589Lx
2000mm		397Lx
3000mm		176Lx
4000mm		99Lx

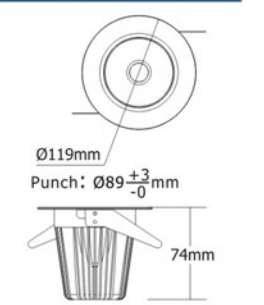


COB Concise D 4

Product features:
LD-DL-CL-4
AC100~240V (50-60Hz)
15W/pc
22.5°/36.5°/56°
Ø119*74mm (cutout 3.5inches)
1320lm(WW) 1330lm(NW) 1350lm(CW)



Distance	Warm white 3000K	Illuminance
1000mm		2506Lx
2000mm		626Lx
3000mm		278Lx
4000mm		157Lx



COB brand options



COB Concise C 2.5



COB Concise C 3



COB Concise C 3.5



COB Concise D 2.5



COB Concise D 3



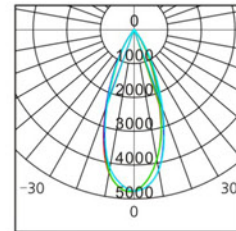
COB Concise D 3.5



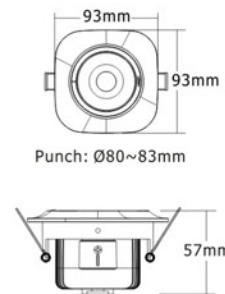
COB Concise D 4

COB deligate AB x 1

Product features:
LD-DL-EA-1
AC100~240V (50-60Hz)
15°/45°
5W/pc
93*93*57mm (cutout 2.5inches)
330lm(WW) 340lm(NW) 350lm(CW)

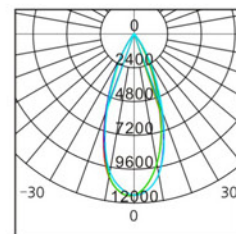


Distance	Warm white 3000K	Illuminance
1000mm		3069Lx
2000mm		767Lx
3000mm		341Lx
4000mm		192Lx

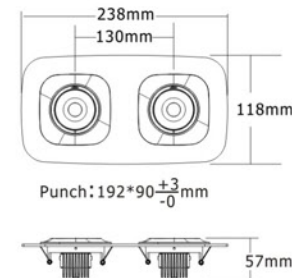


COB deligate AB x 2

Product features:
LD-DL-EA-2
AC100~240V (50-60Hz)
15°/45°
10W/pc
238*118*57mm
700lm(WW) 720lm(NW) 750lm(CW)

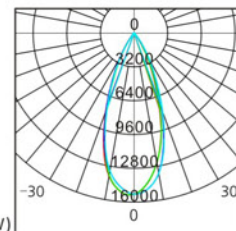


Distance	Warm white 3000K	Illuminance
1000mm		6511Lx
2000mm		1628Lx
3000mm		723Lx
4000mm		406Lx

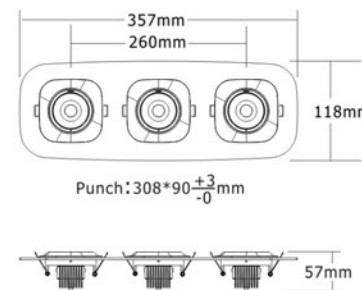


COB deligate AB x 3

Product features:
LD-DL-EA-3
AC100~240V (50-60Hz)
15°/45°
15W/pc
357*118*57mm
1050lm(WW) 1080lm(NW) 1130lm(CW)

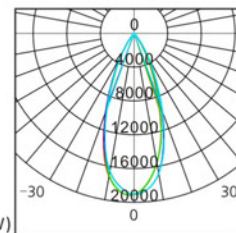


Distance	Warm white 3000K	Illuminance
1000mm		9766Lx
2000mm		2441Lx
3000mm		1085Lx
4000mm		610Lx

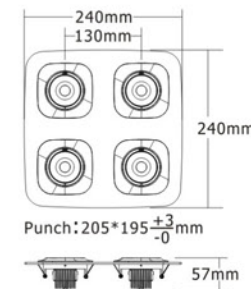


COB deligate AB x 4

Product features:
LD-DL-EA-4
AC100~240V (50-60Hz)
15°/45°
20W/pc
240*240*57mm
1300lm(WW) 1400lm(NW) 1500lm(CW)



Distance	Warm white 3000K	Illuminance
1000mm		11628Lx
2000mm		2906Lx
3000mm		1291Lx
4000mm		726Lx



COB deligate AB x 1

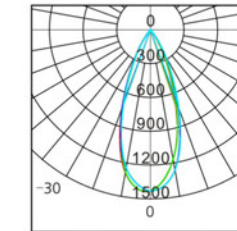
COB deligate AB x 2

COB deligate AB x 3

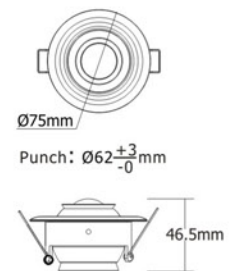
COB deligate AB x 4

COB iSpot A x 1

Product features:
LD-SL-DA-1
AC100~240V (50-60Hz)
10°~60° adjustable
3W/pc
Φ75*46.5mm
170lm(WW) 180lm(NW) 200lm(CW)

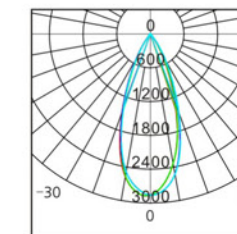


Distance	Warm white 3000K	Illuminance
1000mm		890Lx
2000mm		222Lx
3000mm		98Lx
4000mm		56Lx

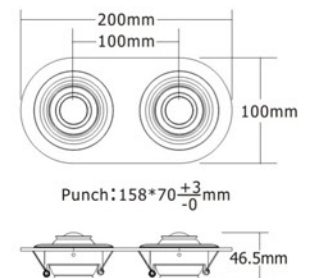


COB iSpot A x 2

Product features:
LD-SL-DA-2
AC100~240V (50-60Hz)
10°~60° adjustable
6W/pc
200*100*46.5mm
330lm(WW) 350lm(NW) 370lm(CW)

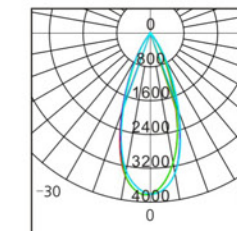


Distance	Warm white 3000K	Illuminance
1000mm		1729Lx
2000mm		432Lx
3000mm		192Lx
4000mm		108Lx

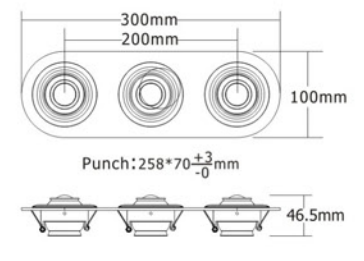


COB iSpot A x 3

Product features:
LD-SL-DA-3
AC100~240V (50-60Hz)
10°~60° adjustable
9W/pc
300*100*46.5mm
470lm(WW) 490lm(NW) 530lm(CW)

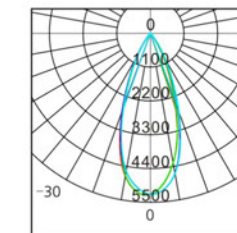


Distance	Warm white 3000K	Illuminance
1000mm		2461Lx
2000mm		615Lx
3000mm		273Lx
4000mm		153Lx

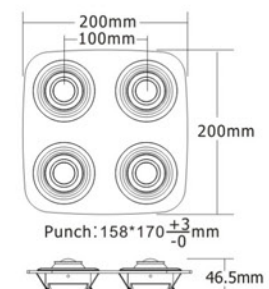


COB iSpot A x 4

Product features:
LD-SL-DA-4
AC100~240V (50-60Hz)
10°~60° adjustable
12W/pc
200*200*46.5mm
650lm(WW) 680lm(NW) 700lm(CW)



Distance	Warm white 3000K	Illuminance
1000mm		3404Lx
2000mm		851Lx
3000mm		378Lx
4000mm		212Lx



COB iSpot A x 1

COB iSpot A x 2

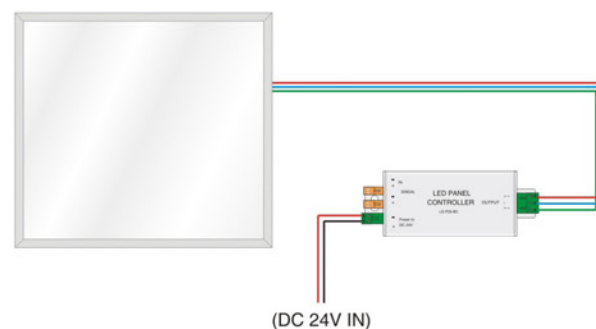
COB iSpot A x 3

COB iSpot A x 4

COB brand options

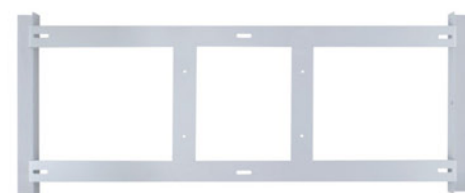


Connection reference

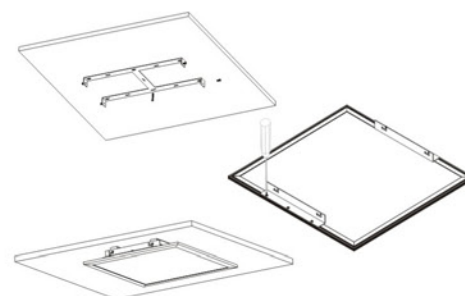


Accessories for installation

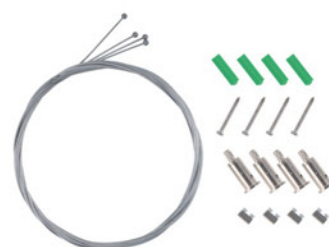
Ceiling Mounting Kit



AB001



Suspension Kit



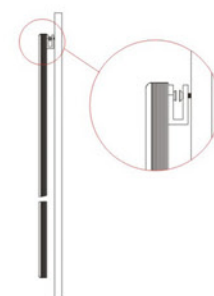
PDI-BC



Wall Mounting Kit



AS001



Touch Dynamic White Controller

Features:

2.4G color temperature and brightness controller
Working Voltage DC24V
Max. Load Control Current 0.9A x 2 channels
Standby Power Consumption 0.5W
Output Connection : Common anode
Controller Dimension 85mm x 45mm x 22mm
Remote Dimension 109 x 53 x 22mm
Remote Reach: 50meters



Touch Dynamic RGB Controller

Features:

2.4G RGB controller
Working Voltage DC24V
Max. Load Control Current 6A x 3 channels
Standby Power Consumption 0.5W
Output Connection : Common anode
Controller Dimension 85mm x 45mm x 22mm
Remote Dimension 109 x 53 x 22mm
Remote Reach: 50meters



LED Power Supply 24V

Features:

Input Voltage Range: AC110-250V
Electric wire gauge: Input/output with SVT/VDE,
two output wire, 18#X2C, length 20CM
Protection: IP20 and IP67 option
Function: PFC, leading edge and trailing edge TRIAC dimming,
0-10V dimming optional

Standards:

EN 61347-1
EN 61347-2-13
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61547



WP-24V15W



WP-24V18W



WP-24V30W



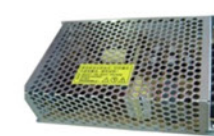
WP-24V60W



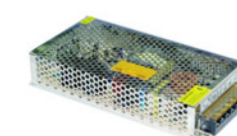
WP-24V100W



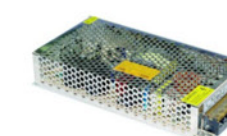
WP-24V150W



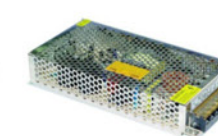
NWP-24V60W



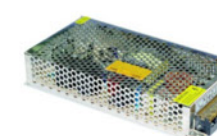
NWP-24V100W



NWP-24V145W



NWP-24V200W



NWP-24V250W