

Deep recessed & Anti-dazzle, Wide Dimming Range, High Color Rendering

Smartbright Dimmable Spot

The SmartBright Dimmable Spot comes offering reliable lighting performance with smooth dimming control, suitable for diversified applications. Deep recessed design, 0-10V dimming driver and high color rendering can attract you more with its elegant design.

Benefits

- Deep recessed & Anti-dazzle
- Smooth dimming control (0-10V)
- High color rendering
- Narrow-edge ring design

Features

- Power: 7W, 9W, 12W and 15W
- 4 CCT: 2700K, 3000K, 3500K (only for 9W) and 4000K
- Input voltage is 220-240V
- CRI90
- 0-10V dimming
- Power factor: >0.9
- Working temperature: -20℃ to +40℃

Smartbright Dimmable Spot

Application

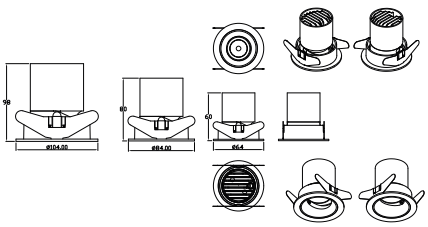
- Residential
- Hospitality
- Retail
- Architectural light
- High-end restaurants
- High-end clubs
- Hotels

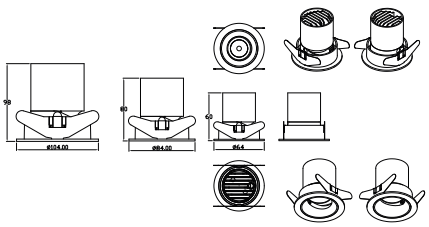
Versions



RS051B D75

Dimensional drawing





Product details

SMARTBRIGHT DIMMABLE SPOT



Smartbright Dimmable Spot

Light Technical	
Color rendering index (CRI)	>90
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Lens
Housing Color	Black
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	No
Flammability mark	For mounting on normally flammable surfaces
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401830784	RS051B LED4 24D/927 D55 DIM GC	2700 K	65 lm/W	455 lm
911401830884	RS051B LED4 24D/930 D55 DIM GC	3000 K	70 lm/W	490 lm
911401830984	RS051B LED4 24D/940 D55 DIM GC	4000 K	75 lm/W	525 lm
911401831084	RS051B LED4 36D/927 D55 DIM GC	2700 K	65 lm/W	455 lm
911401831184	RS051B LED4 36D/930 D55 DIM GC	3000 K	70 lm/W	490 lm
911401831284	RS051B LED4 36D/940 D55 DIM GC	4000 K	75 lm/W	525 lm
911401831384	RS051B LED4 50D/930 D55 DIM GC	3000 K	70 lm/W	490 lm
911401831484	RS051B LED4 50D/940 D55 DIM GC	4000 K	75 lm/W	525 lm
911401831584	RS051B LED6 24D/927 D75 DIM GC	2700 K	70 lm/W	630 lm
911401831684	RS051B LED6 24D/930 D75 DIM GC	3000 K	75 lm/W	675 lm
911401831784	RS051B LED6 24D/940 D75 DIM GC	4000 K	80 lm/W	720 lm
911401831884	RS051B LED6 36D/927 D75 DIM GC	2700 K	70 lm/W	630 lm
911401831984	RS051B LED6 36D/930 D75 DIM GC	3000 K	75 lm/W	675 lm
911401832084	RS051B LED6 36D/940 D75 DIM GC	4000 K	80 lm/W	720 lm
911401832184	RS051B LED6 50D/930 D75 DIM GC	3000 K	70 lm/W	630 lm
911401832284	RS051B LED6 50D/940 D75 DIM GC	4000 K	73 lm/W	660 lm
911401832384	RS051B LED8 24D/930 D75 DIM GC	3000 K	75 lm/W	900 lm
911401832484	RS051B LED8 24D/940 D75 DIM GC	4000 K	80 lm/W	960 lm
911401832584	RS051B LED8 36D/930 D75 DIM GC	3000 K	75 lm/W	900 lm
911401832684	RS051B LED8 36D/940 D75 DIM GC	4000 K	80 lm/W	960 lm
911401832784	RS051B LED8 50D/930 D75 DIM GC	3000 K	70 lm/W	840 lm
911401832884	RS051B LED8 50D/940 D75 DIM GC	4000 K	73 lm/W	875 lm
911401845084	RS051B LED6 24D/935 D75 DIM GC	3500 K	77 lm/W	695 lm
911401845184	RS051B LED6 50D/935 D75 DIM GC	3500 K	72 lm/W	650 lm
911401832984	RS051B LED10 24D/930 D95 DIM GC	3000 K	70 lm/W	1,050 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401833084	RS051B LED10 24D/940 D95 DIM GC	4000 K	73 lm/W	1,095 lm
911401833184	RS051B LED10 36D/930 D95 DIM GC	3000 K	70 lm/W	1,050 lm
911401833284	RS051B LED10 36D/940 D95 DIM GC	4000 K	73 lm/W	1,095 lm
911401833384	RS051B LED10 50D/930 D95 DIM GC	3000 K	70 lm/W	1,050 lm
911401833484	RS051B LED10 50D/940 D95 DIM GC	4000 K	75 lm/W	1,125 lm
911401803285	RS051B LED4 24D/927 D55 DIM GM	2700 K	65 lm/W	455 lm
911401803385	RS051B LED4 24D/930 D55 DIM GM	3000 K	70 lm/W	490 lm
911401803485	RS051B LED4 24D/940 D55 DIM GM	4000 K	75 lm/W	525 lm
911401803585	RS051B LED4 36D/927 D55 DIM GM	2700 K	65 lm/W	455 lm
911401803685	RS051B LED4 36D/930 D55 DIM GM	3000 K	70 lm/W	490 lm
911401803785	RS051B LED4 36D/940 D55 DIM GM	4000 K	75 lm/W	525 lm
911401803885	RS051B LED4 50D/930 D55 DIM GM	3000 K	70 lm/W	490 lm
911401803985	RS051B LED4 50D/940 D55 DIM GM	4000 K	75 lm/W	525 lm
911401804085	RS051B LED6 24D/927 D75 DIM GM	2700 K	70 lm/W	630 lm
911401804185	RS051B LED6 24D/930 D75 DIM GM	3000 K	75 lm/W	675 lm
911401804285	RS051B LED6 24D/935 D75 DIM GM	3500 K	77 lm/W	695 lm
911401804385	RS051B LED6 24D/940 D75 DIM GM	4000 K	80 lm/W	720 lm
911401804485	RS051B LED6 36D/927 D75 DIM GM	2700 K	70 lm/W	630 lm
911401804585	RS051B LED6 36D/930 D75 DIM GM	3000 K	75 lm/W	675 lm
911401804685	RS051B LED6 36D/940 D75 DIM GM	4000 K	80 lm/W	720 lm
911401804785	RS051B LED6 50D/930 D75 DIM GM	3000 K	70 lm/W	630 lm
911401804885	RS051B LED6 50D/935 D75 DIM GM	3500 K	72 lm/W	650 lm
911401804985	RS051B LED6 50D/940 D75 DIM GM	4000 K	73 lm/W	660 lm
911401805085	RS051B LED8 24D/930 D75 DIM GM	3000 K	75 lm/W	900 lm
911401805285	RS051B LED8 36D/930 D75 DIM GM	3000 K	75 lm/W	900 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401805385	RS051B LED8 36D/940 D75 DIM GM	4000 K	80 lm/W	960 lm
911401805485	RS051B LED8 50D/930 D75 DIM GM	3000 K	70 lm/W	840 lm
911401805585	RS051B LED8 50D/940 D75 DIM GM	4000 K	73 lm/W	875 lm
911401805685	RS051B LED10 24D/930 D95 DIM GM	3000 K	70 lm/W	1,050 lm
911401805785	RS051B LED10 24D/940 D95 DIM GM	4000 K	73 lm/W	1,095 lm
911401805885	RS051B LED10 36D/930 D95 DIM GM	3000 K	70 lm/W	1,050 lm
911401805985	RS051B LED10 36D/940 D95 DIM GM	4000 K	73 lm/W	1,095 lm
911401806085	RS051B LED10 50D/930 D95 DIM GM	3000 K	70 lm/W	1,050 lm
911401806185	RS051B LED10 50D/940 D95 DIM GM	4000 K	75 lm/W	1,125 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401830784	RS051B LED4 24D/927 D55 DIM GC	7 W
911401830884	RS051B LED4 24D/930 D55 DIM GC	7 W
911401830984	RS051B LED4 24D/940 D55 DIM GC	7 W
911401831084	RS051B LED4 36D/927 D55 DIM GC	7 W
911401831184	RS051B LED4 36D/930 D55 DIM GC	7 W
911401831284	RS051B LED4 36D/940 D55 DIM GC	7 W
911401831384	RS051B LED4 50D/930 D55 DIM GC	7 W
911401831484	RS051B LED4 50D/940 D55 DIM GC	7 W
911401831584	RS051B LED6 24D/927 D75 DIM GC	9 W
911401831684	RS051B LED6 24D/930 D75 DIM GC	9 W
911401831784	RS051B LED6 24D/940 D75 DIM GC	9 W
911401831884	RS051B LED6 36D/927 D75 DIM GC	9 W
911401831984	RS051B LED6 36D/930 D75 DIM GC	9 W
911401832084	RS051B LED6 36D/940 D75 DIM GC	9 W
911401832184	RS051B LED6 50D/930 D75 DIM GC	9 W
911401832284	RS051B LED6 50D/940 D75 DIM GC	9 W
911401832384	RS051B LED8 24D/930 D75 DIM GC	12 W
911401832484	RS051B LED8 24D/940 D75 DIM GC	12 W
911401832584	RS051B LED8 36D/930 D75 DIM GC	12 W
911401832684	RS051B LED8 36D/940 D75 DIM GC	12 W
911401832784	RS051B LED8 50D/930 D75 DIM GC	12 W
911401832884	RS051B LED8 50D/940 D75 DIM GC	12 W
911401845084	RS051B LED6 24D/935 D75 DIM GC	9 W
911401845184	RS051B LED6 50D/935 D75 DIM GC	9 W
911401832984	RS051B LED10 24D/930 D95 DIM GC	15 W
911401833084	RS051B LED10 24D/940 D95 DIM GC	15 W
911401833184	RS051B LED10 36D/930 D95 DIM GC	15 W
911401833284	RS051B LED10 36D/940 D95 DIM GC	15 W
911401833384	RS051B LED10 50D/930 D95 DIM GC	15 W

Order Code	Full Product Name	Power Consumption
911401833484	RS051B LED10 50D/940 D95 DIM GC	15 W
911401803285	RS051B LED4 24D/927 D55 DIM GM	7 W
911401803385	RS051B LED4 24D/930 D55 DIM GM	7 W
911401803485	RS051B LED4 24D/940 D55 DIM GM	7 W
911401803585	RS051B LED4 36D/927 D55 DIM GM	7 W
911401803685	RS051B LED4 36D/930 D55 DIM GM	7 W
911401803785	RS051B LED4 36D/940 D55 DIM GM	7 W
911401803885	RS051B LED4 50D/930 D55 DIM GM	7 W
911401803985	RS051B LED4 50D/940 D55 DIM GM	7 W
911401804085	RS051B LED6 24D/927 D75 DIM GM	9 W
911401804185	RS051B LED6 24D/930 D75 DIM GM	9 W
911401804285	RS051B LED6 24D/935 D75 DIM GM	9 W
911401804385	RS051B LED6 24D/940 D75 DIM GM	9 W
911401804485	RS051B LED6 36D/927 D75 DIM GM	9 W
911401804585	RS051B LED6 36D/930 D75 DIM GM	9 W
911401804685	RS051B LED6 36D/940 D75 DIM GM	9 W
911401804785	RS051B LED6 50D/930 D75 DIM GM	9 W
911401804885	RS051B LED6 50D/935 D75 DIM GM	9 W
911401804985	RS051B LED6 50D/940 D75 DIM GM	9 W
911401805085	RS051B LED8 24D/930 D75 DIM GM	12 W
911401805285	RS051B LED8 36D/930 D75 DIM GM	12 W
911401805385	RS051B LED8 36D/940 D75 DIM GM	12 W
911401805485	RS051B LED8 50D/930 D75 DIM GM	12 W
911401805585	RS051B LED8 50D/940 D75 DIM GM	12 W
911401805685	RS051B LED10 24D/930 D95 DIM GM	15 W
911401805785	RS051B LED10 24D/940 D95 DIM GM	15 W
911401805885	RS051B LED10 36D/930 D95 DIM GM	15 W
911401805985	RS051B LED10 36D/940 D95 DIM GM	15 W
911401806085	RS051B LED10 50D/930 D95 DIM GM	15 W

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Order Code	Full Product Name	Power Consumption
911401806185	RS051B LED10 50D/940 D95 DIM GM	15 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401830784	RS051B LED4 24D/927 D55 DIM GC	(0.46, 0.41) SDCM <5
911401830884	RS051B LED4 24D/930 D55 DIM GC	(0.43, 0.40) SDCM <5
911401830984	RS051B LED4 24D/940 D55 DIM GC	(0.38, 0.38) SDCM <5
911401831084	RS051B LED4 36D/927 D55 DIM GC	(0.46, 0.41) SDCM <5
911401831184	RS051B LED4 36D/930 D55 DIM GC	(0.43, 0.40) SDCM <5
911401831284	RS051B LED4 36D/940 D55 DIM GC	(0.38, 0.38) SDCM <5
911401831384	RS051B LED4 50D/930 D55 DIM GC	(0.43, 0.40) SDCM <5
911401831484	RS051B LED4 50D/940 D55 DIM GC	(0.38, 0.38) SDCM <5
911401831584	RS051B LED6 24D/927 D75 DIM GC	(0.46, 0.41) SDCM <5
911401831684	RS051B LED6 24D/930 D75 DIM GC	(0.43, 0.40) SDCM <5
911401831784	RS051B LED6 24D/940 D75 DIM GC	(0.38, 0.38) SDCM <5
911401831884	RS051B LED6 36D/927 D75 DIM GC	(0.46, 0.41) SDCM <5
911401831984	RS051B LED6 36D/930 D75 DIM GC	(0.43, 0.40) SDCM <5
911401832084	RS051B LED6 36D/940 D75 DIM GC	(0.38, 0.38) SDCM <5
911401832184	RS051B LED6 50D/930 D75 DIM GC	(0.43, 0.40) SDCM <5
911401832284	RS051B LED6 50D/940 D75 DIM GC	(0.38, 0.38) SDCM <5
911401832384	RS051B LED8 24D/930 D75 DIM GC	(0.43, 0.40) SDCM <5
911401832484	RS051B LED8 24D/940 D75 DIM GC	(0.38, 0.38) SDCM <5
911401832584	RS051B LED8 36D/930 D75 DIM GC	(0.43, 0.40) SDCM <5
911401832684	RS051B LED8 36D/940 D75 DIM GC	(0.38, 0.38) SDCM <5
911401832784	RS051B LED8 50D/930 D75 DIM GC	(0.43, 0.40) SDCM <5
911401832884	RS051B LED8 50D/940 D75 DIM GC	(0.38, 0.38) SDCM <5
911401845084	RS051B LED6 24D/935 D75 DIM GC	(0.41, 0.40) SDCM <5
911401845184	RS051B LED6 50D/935 D75 DIM GC	(0.41, 0.40) SDCM <5
911401832984	RS051B LED10 24D/930 D95 DIM GC	(0.43, 0.40) SDCM <5
911401833084	RS051B LED10 24D/940 D95 DIM GC	(0.38, 0.38) SDCM <5
911401833184	RS051B LED10 36D/930 D95 DIM GC	(0.43, 0.40) SDCM <5
911401833284	RS051B LED10 36D/940 D95 DIM GC	(0.38, 0.38) SDCM <5
911401833384	RS051B LED10 50D/930 D95 DIM GC	(0.43, 0.40) SDCM <5
911401833484	RS051B LED10 50D/940 D95 DIM GC	(0.38, 0.38) SDCM <5

Order Code	Full Product Name	Initial chromaticity
911401803285	RS051B LED4 24D/927 D55 DIM GM	(0.46, 0.41) SDCM <5
911401803385	RS051B LED4 24D/930 D55 DIM GM	(0.43, 0.40) SDCM <5
911401803485	RS051B LED4 24D/940 D55 DIM GM	(0.38, 0.38) SDCM <5
911401803585	RS051B LED4 36D/927 D55 DIM GM	(0.46, 0.41) SDCM <5
911401803685	RS051B LED4 36D/930 D55 DIM GM	(0.43, 0.40) SDCM <5
911401803785	RS051B LED4 36D/940 D55 DIM GM	(0.38, 0.38) SDCM <5
911401803885	RS051B LED4 50D/930 D55 DIM GM	(0.43, 0.40) SDCM <5
911401803985	RS051B LED4 50D/940 D55 DIM GM	(0.38, 0.38) SDCM <5
911401804085	RS051B LED6 24D/927 D75 DIM GM	(0.46, 0.41) SDCM <5
911401804185	RS051B LED6 24D/930 D75 DIM GM	(0.43, 0.40) SDCM <5
911401804285	RS051B LED6 24D/935 D75 DIM GM	(0.41, 0.40) SDCM <5
911401804385	RS051B LED6 24D/940 D75 DIM GM	(0.38, 0.38) SDCM <5
911401804485	RS051B LED6 36D/927 D75 DIM GM	(0.46, 0.41) SDCM <5
911401804585	RS051B LED6 36D/930 D75 DIM GM	(0.43, 0.40) SDCM <5
911401804685	RS051B LED6 36D/940 D75 DIM GM	(0.38, 0.38) SDCM <5
911401804785	RS051B LED6 50D/930 D75 DIM GM	(0.43, 0.40) SDCM <5
911401804885	RS051B LED6 50D/935 D75 DIM GM	(0.41, 0.40) SDCM <5
911401804985	RS051B LED6 50D/940 D75 DIM GM	(0.38, 0.38) SDCM <5
911401805085	RS051B LED8 24D/930 D75 DIM GM	(0.43, 0.40) SDCM <5
911401805285	RS051B LED8 36D/930 D75 DIM GM	(0.43, 0.40) SDCM <5
911401805385	RS051B LED8 36D/940 D75 DIM GM	(0.38, 0.38) SDCM <5
911401805485	RS051B LED8 50D/930 D75 DIM GM	(0.43, 0.40) SDCM <5
911401805585	RS051B LED8 50D/940 D75 DIM GM	(0.38, 0.38) SDCM <5
911401805685	RS051B LED10 24D/930 D95 DIM GM	(0.43, 0.40) SDCM <5
911401805785	RS051B LED10 24D/940 D95 DIM GM	(0.38, 0.38) SDCM <5
911401805885	RS051B LED10 36D/930 D95 DIM GM	(0.43, 0.40) SDCM <5
911401805985	RS051B LED10 36D/940 D95 DIM GM	(0.38, 0.38) SDCM <5
911401806085	RS051B LED10 50D/930 D95 DIM GM	(0.43, 0.40) SDCM <5
911401806185	RS051B LED10 50D/940 D95 DIM GM	(0.38, 0.38) SDCM <5

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