

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

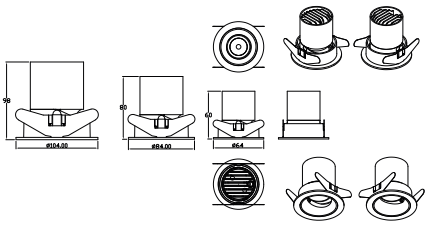
- Power: 7W, 9W, 12W and 15W
- 4 CCT: 2700K, 3000K, 3500K (only for 9W) and 4000K
- Input voltage is 220-240V
- CRI90
- 0-10V dimming
- Power factor: >0.9
- Working temperature: -20℃ to +40℃

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Application

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

Dimensional drawing



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
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 (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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
911401805185	RS051B LED8 24D/940 D75 DIM GM	120 degree(s)	4000 K	100 lm/W	650 lm
911401805285	RS051B LED8 36D/930 D75 DIM GM	-	3000 K	75 lm/W	900 lm
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

Light Technical (2/2)

Order Code	Full Product Name	Optic type
911401803285	RS051B LED4 24D/927 D55 DIM GM	-
911401803385	RS051B LED4 24D/930 D55 DIM GM	-
911401803485	RS051B LED4 24D/940 D55 DIM GM	-
911401803585	RS051B LED4 36D/927 D55 DIM GM	-
911401803685	RS051B LED4 36D/930 D55 DIM GM	-
911401803785	RS051B LED4 36D/940 D55 DIM GM	-
911401803885	RS051B LED4 50D/930 D55 DIM GM	-
911401803985	RS051B LED4 50D/940 D55 DIM GM	-
911401804085	RS051B LED6 24D/927 D75 DIM GM	-
911401804185	RS051B LED6 24D/930 D75 DIM GM	-

Order Code	Full Product Name	Optic type
911401804285	RS051B LED6 24D/935 D75 DIM GM	-
911401804385	RS051B LED6 24D/940 D75 DIM GM	-
911401804485	RS051B LED6 36D/927 D75 DIM GM	-
911401804585	RS051B LED6 36D/930 D75 DIM GM	-
911401804685	RS051B LED6 36D/940 D75 DIM GM	-
911401804785	RS051B LED6 50D/930 D75 DIM GM	-
911401804885	RS051B LED6 50D/935 D75 DIM GM	-
911401804985	RS051B LED6 50D/940 D75 DIM GM	-
911401805085	RS051B LED8 24D/930 D75 DIM GM	-
911401805185	RS051B LED8 24D/940 D75 DIM GM	Beam angle 90°

Order Code	Full Product Name	Optic type
911401805285	RS051B LED8 36D/930 D75 DIM GM	-
911401805385	RS051B LED8 36D/940 D75 DIM GM	-
911401805485	RS051B LED8 50D/930 D75 DIM GM	-
911401805585	RS051B LED8 50D/940 D75 DIM GM	-
911401805685	RS051B LED10 24D/930 D95 DIM GM	-

Order Code	Full Product Name	Optic type
911401805785	RS051B LED10 24D/940 D95 DIM GM	-
911401805885	RS051B LED10 36D/930 D95 DIM GM	-
911401805985	RS051B LED10 36D/940 D95 DIM GM	-
911401806085	RS051B LED10 50D/930 D95 DIM GM	-
911401806185	RS051B LED10 50D/940 D95 DIM GM	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
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

Order Code	Full Product Name	Power Consumption
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
911401805185	RS051B LED8 24D/940 D75 DIM GM	6.5 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
911401806185	RS051B LED10 50D/940 D95 DIM GM	15 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Mech. impact protection code	Ingress protection code
911401803285	RS051B LED4 24D/927 D55 DIM GM	Black	IK03	IP20
911401803385	RS051B LED4 24D/930 D55 DIM GM	Black	IK03	IP20
911401803485	RS051B LED4 24D/940 D55 DIM GM	Black	IK03	IP20
911401803585	RS051B LED4 36D/927 D55 DIM GM	Black	IK03	IP20
911401803685	RS051B LED4 36D/930 D55 DIM GM	Black	IK03	IP20
911401803785	RS051B LED4 36D/940 D55 DIM GM	Black	IK03	IP20
911401803885	RS051B LED4 50D/930 D55 DIM GM	Black	IK03	IP20
911401803985	RS051B LED4 50D/940 D55 DIM GM	Black	IK03	IP20
911401804085	RS051B LED6 24D/927 D75 DIM GM	Black	IK03	IP20
911401804185	RS051B LED6 24D/930 D75 DIM GM	Black	IK03	IP20

Order Code	Full Product Name	Housing Color	Mech. impact protection code	Ingress protection code
911401804285	RS051B LED6 24D/935 D75 DIM GM	Black	IK03	IP20
911401804385	RS051B LED6 24D/940 D75 DIM GM	Black	IK03	IP20
911401804485	RS051B LED6 36D/927 D75 DIM GM	Black	IK03	IP20
911401804585	RS051B LED6 36D/930 D75 DIM GM	Black	IK03	IP20
911401804685	RS051B LED6 36D/940 D75 DIM GM	Black	IK03	IP20
911401804785	RS051B LED6 50D/930 D75 DIM GM	Black	IK03	IP20
911401804885	RS051B LED6 50D/935 D75 DIM GM	Black	IK03	IP20
911401804985	RS051B LED6 50D/940 D75 DIM GM	Black	IK03	IP20
911401805085	RS051B LED8 24D/930 D75 DIM GM	Black	IK03	IP20
911401805185	RS051B LED8 24D/940 D75 DIM GM	White	IK02	IP20/44

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Order Code	Full Product Name	Housing Color	Mech. impact protection code	Ingress protection code
911401805285	RS051B LED8 36D/930 D75 DIM GM	Black	IK03	IP20
911401805385	RS051B LED8 36D/940 D75 DIM GM	Black	IK03	IP20
911401805485	RS051B LED8 50D/930 D75 DIM GM	Black	IK03	IP20
911401805585	RS051B LED8 50D/940 D75 DIM GM	Black	IK03	IP20
911401805685	RS051B LED10 24D/930 D95 DIM GM	Black	IK03	IP20

Order Code	Full Product Name	Housing Color	Mech. impact protection code	Ingress protection code
911401805785	RS051B LED10 24D/940 D95 DIM GM	Black	IK03	IP20
911401805885	RS051B LED10 36D/930 D95 DIM GM	Black	IK03	IP20
911401805985	RS051B LED10 36D/940 D95 DIM GM	Black	IK03	IP20
911401806085	RS051B LED10 50D/930 D95 DIM GM	Black	IK03	IP20
911401806185	RS051B LED10 50D/940 D95 DIM GM	Black	IK03	IP20

Initial Performance (IEC Compliant)

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

Order Code	Full Product Name	Initial chromaticity
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
911401805185	RS051B LED8 24D/940 D75 DIM GM	(0.38212,0.38031) SDCM<3
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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