



An ideal solution for installers and customers who expect quality light and reliable performance.

Meson Downlight

The Recessed Meson downlight offers complete range in terms of lumen output and sizes with reliable performance. Available in seven cutout sizes with three CCT options to suit different applications.

Benefits

- Visual comfort
- Energy efficient
- Product diversity to cater to different applications

Features

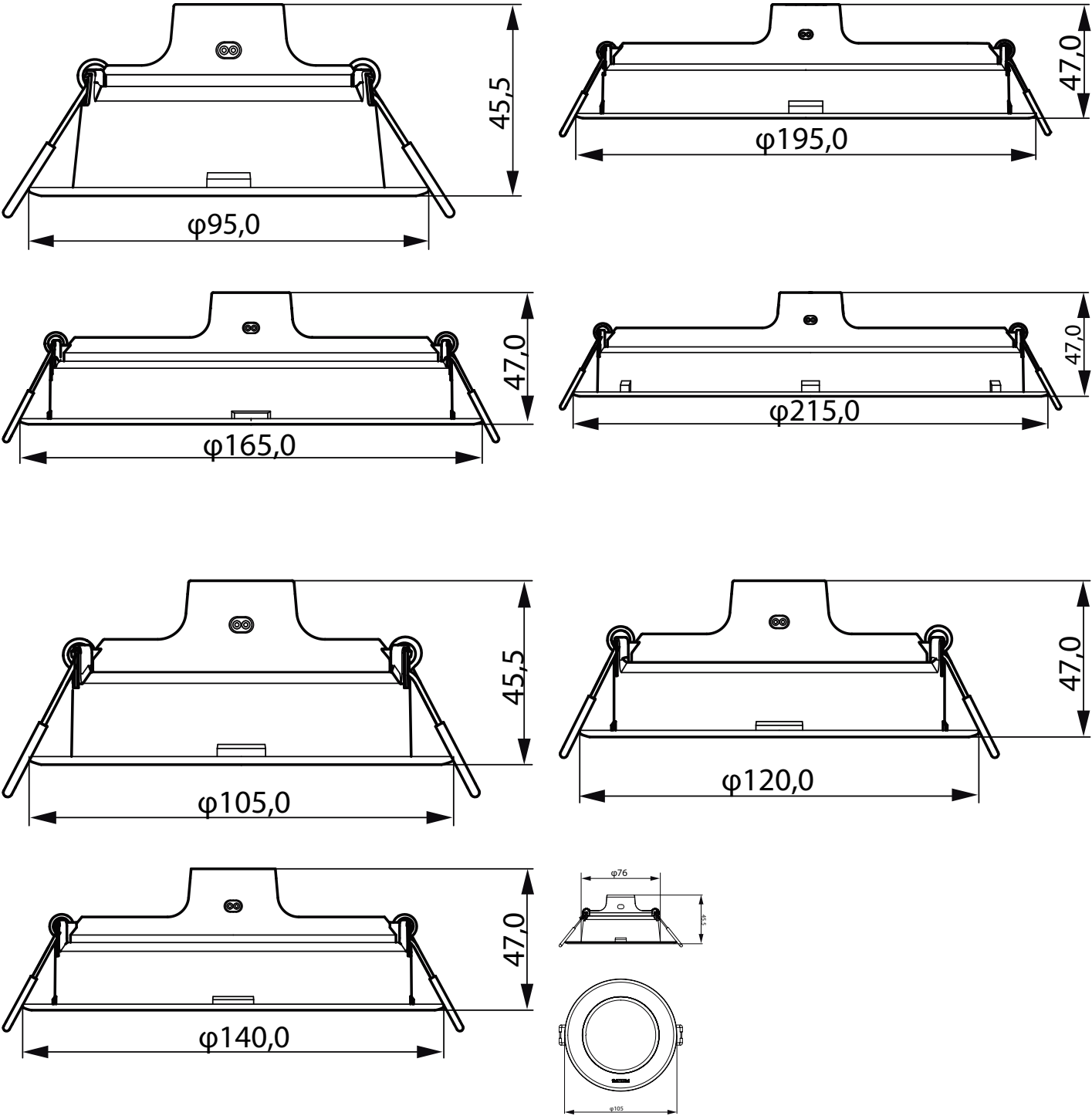
- High brightness
- Uniform light
- Easy installation

Application

- Retail
- Offices
- Hospitality

Meson Downlight

Dimensional drawing



Meson Downlight

General Information	
CE mark	CE mark
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No
Light Technical	
Color rendering index (CRI)	80
Operating and Electrical	
Input Voltage	220 to 240 V
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	White
Approval and Application	
Protection class IEC	Safety class II
Mech. impact protection code	IK03
Ingress protection code	IP20

General Information

Order Code	Full Product Name	Driver included	Glow-wire test	Number of gear units
929003304408	59443 Plus MESON 080 7W 30K WH KR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003304508	59443 Plus MESON 080 7W 40K WH KR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003304608	59443 Plus MESON 080 7W 65K WH KR	Yes	Temperature 650 °C, duration 30 s	1 unit
915005805701	59464 MESON 125 12.5W 30K WH recessed	-	-	-
915005805801	59464 MESON 125 12.5W 40K WH recessed	-	-	-
915005805901	59464 MESON 125 12.5W 65K WH recessed	-	-	-
915005806301	59466 MESON 150 16.5W 30K WH recessed	-	-	-
915005806401	59466 MESON 150 16.5W 40K WH recessed	-	-	-
915005806501	59466 MESON 150 16.5W 65K WH recessed	-	-	-
915005806901	59469 MESON 175 20W 30K WH recessed	-	-	-
915005807001	59469 MESON 175 20W 40K WH recessed	-	-	-
915005807101	59469 MESON 175 20W 65K WH recessed	-	-	-
915005807201	59471 MESON 200 23.5W 30K WH recessed	-	-	-
915005807301	59471 MESON 200 23.5W 40K WH recessed	-	-	-
915005807401	59471 MESON 200 23.5W 65K WH recessed	-	-	-
929003191802	59441 MESON 080 3.5W 30K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003191902	59441 MESON 080 3.5W 40K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192002	59441 MESON 080 3.5W 65K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192102	59447 MESON 090 5.5W 30K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192202	59447 MESON 090 5.5W 40K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192302	59447 MESON 090 5.5W 65K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192402	59448 MESON 105 7.5W 30K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192502	59448 MESON 105 7.5W 40K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit
929003192602	59448 MESON 105 7.5W 65K WH recessed TR	Yes	Temperature 650 °C, duration 30 s	1 unit

Light Technical

Meson Downlight

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
929003304408	59443 Plus MESON 080 7W 30K WH KR	3000 K	71 lm/W	500 lm	Wide beam
929003304508	59443 Plus MESON 080 7W 40K WH KR	4000 K	78 lm/W	550 lm	Wide beam
929003304608	59443 Plus MESON 080 7W 65K WH KR	6500 K	78 lm/W	550 lm	Wide beam
915005805701	59464 MESON 125 12.5W 30K WH recessed	3000 K	72.00 lm/W	900 lm	-
915005805801	59464 MESON 125 12.5W 40K WH recessed	4000 K	76.00 lm/W	960 lm	-
915005805901	59464 MESON 125 12.5W 65K WH recessed	6500 K	76.00 lm/W	960 lm	-
915005806301	59466 MESON 150 16.5W 30K WH recessed	3000 K	72.00 lm/W	1,200 lm	-
915005806401	59466 MESON 150 16.5W 40K WH recessed	4000 K	78.00 lm/W	1,300 lm	-
915005806501	59466 MESON 150 16.5W 65K WH recessed	6500 K	78.00 lm/W	1,300 lm	-
915005806901	59469 MESON 175 20W 30K WH recessed	3000 K	70.00 lm/W	1,400 lm	-
915005807001	59469 MESON 175 20W 40K WH recessed	4000 K	75.00 lm/W	1,500 lm	-
915005807101	59469 MESON 175 20W 65K WH recessed	4000 K	75.00 lm/W	1,500 lm	-

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
915005807201	59471 MESON 200 23.5W 30K WH recessed	3000 K	72.00 lm/W	1,700 lm	-
915005807301	59471 MESON 200 23.5W 40K WH recessed	4000 K	77.00 lm/W	1,820 lm	-
915005807401	59471 MESON 200 23.5W 65K WH recessed	6500 K	77.00 lm/W	1,820 lm	-
929003191802	59441 MESON 080 3.5W 30K WH recessed TR	3000 K	67.00 lm/W	235 lm	Wide beam
929003191902	59441 MESON 080 3.5W 40K WH recessed TR	4000 K	72.00 lm/W	255 lm	Wide beam
929003192002	59441 MESON 080 3.5W 65K WH recessed TR	6500 K	72.00 lm/W	255 lm	Wide beam
929003192102	59447 MESON 090 5.5W 30K WH recessed TR	3000 K	63.00 lm/W	350 lm	Wide beam
929003192202	59447 MESON 090 5.5W 40K WH recessed TR	4000 K	67.00 lm/W	370 lm	Wide beam
929003192302	59447 MESON 090 5.5W 65K WH recessed TR	6500 K	67.00 lm/W	370 lm	Wide beam
929003192402	59448 MESON 105 7.5W 30K WH recessed TR	3000 K	66.00 lm/W	500 lm	Wide beam
929003192502	59448 MESON 105 7.5W 40K WH recessed TR	4000 K	70.00 lm/W	530 lm	Wide beam
929003192602	59448 MESON 105 7.5W 65K WH recessed TR	6500 K	70.00 lm/W	530 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption
929003304408	59443 Plus MESON 080 7W 30K WH KR	-	7 W
929003304508	59443 Plus MESON 080 7W 40K WH KR	-	7 W
929003304608	59443 Plus MESON 080 7W 65K WH KR	-	7 W
915005805701	59464 MESON 125 12.5W 30K WH recessed	50 or 60 Hz	12.5 W

Order Code	Full Product Name	Line Frequency	Power Consumption
915005805801	59464 MESON 125 12.5W 40K WH recessed	50 or 60 Hz	12.5 W
915005805901	59464 MESON 125 12.5W 65K WH recessed	50 or 60 Hz	12.5 W
915005806301	59466 MESON 150 16.5W 30K WH recessed	50 or 60 Hz	16.5 W
915005806401	59466 MESON 150 16.5W 40K WH recessed	50 or 60 Hz	16.5 W

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Order Code	Full Product Name	Line Frequency	Power
			Consumption
915005806501	59466 MESON 150 16.5W 65K WH recessed	50 or 60 Hz	16.5 W
915005806901	59469 MESON 175 20W 30K WH recessed	50 or 60 Hz	20 W
915005807001	59469 MESON 175 20W 40K WH recessed	50 or 60 Hz	20 W
915005807101	59469 MESON 175 20W 65K WH recessed	50 or 60 Hz	20 W
915005807201	59471 MESON 200 23.5W 30K WH recessed	50 or 60 Hz	23.5 W
915005807301	59471 MESON 200 23.5W 40K WH recessed	50 or 60 Hz	23.5 W
915005807401	59471 MESON 200 23.5W 65K WH recessed	50 or 60 Hz	23.5 W
929003191802	59441 MESON 080 3.5W 30K WH recessed TR	50 or 60 Hz	3.5 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929003191902	59441 MESON 080 3.5W 40K WH recessed TR	50 or 60 Hz	3.5 W
929003192002	59441 MESON 080 3.5W 65K WH recessed TR	50 or 60 Hz	3.5 W
929003192102	59447 MESON 090 5.5W 30K WH recessed TR	50 or 60 Hz	5.5 W
929003192202	59447 MESON 090 5.5W 40K WH recessed TR	50 or 60 Hz	5.5 W
929003192302	59447 MESON 090 5.5W 65K WH recessed TR	50 or 60 Hz	5.5 W
929003192402	59448 MESON 105 7.5W 30K WH recessed TR	50 or 60 Hz	7.5 W
929003192502	59448 MESON 105 7.5W 40K WH recessed TR	50 or 60 Hz	7.5 W
929003192602	59448 MESON 105 7.5W 65K WH recessed TR	50 or 60 Hz	7.5 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance
929003304408	59443 Plus MESON 080 7W 30K WH KR	(0.4339, 0.4033) 6SDCM	+15%/-5%
929003304508	59443 Plus MESON 080 7W 40K WH KR	(0.3818, 0.3797) 6SDCM	+15%/-5%
929003304608	59443 Plus MESON 080 7W 65K WH KR	(0.3123, 0.3283) 6SDCM	+15%/-5%
915005805701	59464 MESON 125 12.5W 30K WH recessed	(0.440, 0.403) RGO	-
915005805801	59464 MESON 125 12.5W 40K WH recessed	(0.380, 0.380) RGO	-
915005805901	59464 MESON 125 12.5W 65K WH recessed	(0.313, 0.337) RGO	-
915005806301	59466 MESON 150 16.5W 30K WH recessed	(0.440, 0.403) RGO	-
915005806401	59466 MESON 150 16.5W 40K WH recessed	(0.380, 0.380) RGO	-
915005806501	59466 MESON 150 16.5W 65K WH recessed	(0.313, 0.337) RGO	-
915005806901	59469 MESON 175 20W 30K WH recessed	(0.440, 0.403) RGO	-
915005807001	59469 MESON 175 20W 40K WH recessed	(0.380, 0.380) RGO	-
915005807101	59469 MESON 175 20W 65K WH recessed	(0.313, 0.337) RGO	-

Order Code	Full Product Name	Initial chromaticity	Luminous flux
			tolerance
915005807201	59471 MESON 200 23.5W 30K WH recessed	(0.440, 0.403) RGO	-
915005807301	59471 MESON 200 23.5W 40K WH recessed	(0.380, 0.380) RGO	-
915005807401	59471 MESON 200 23.5W 65K WH recessed	(0.313, 0.337) RGO	-
929003191802	59441 MESON 080 3.5W 30K WH recessed TR	(IEC3000K, 0.44, 0.403) 6	+/-10%
929003191902	59441 MESON 080 3.5W 40K WH recessed TR	(IEC4000K, 0.38, 0.38) 6	+/-10%
929003192002	59441 MESON 080 3.5W 65K WH recessed TR	(0.3128, 0.3405) 6	+/-10%
929003192102	59447 MESON 090 5.5W 30K WH recessed TR	(IEC3000K, 0.44, 0.403) 6	+/-10%
929003192202	59447 MESON 090 5.5W 40K WH recessed TR	(IEC4000K, 0.38, 0.38) 6	+/-10%
929003192302	59447 MESON 090 5.5W 65K WH recessed TR	(0.3128, 0.3405) 6	+/-10%
929003192402	59448 MESON 105 7.5W 30K WH recessed TR	(IEC3000K, 0.44, 0.403) 6	+/-10%
929003192502	59448 MESON 105 7.5W 40K WH recessed TR	(IEC4000K, 0.38, 0.38) 6	+/-10%
929003192602	59448 MESON 105 7.5W 65K WH recessed TR	(0.3128, 0.3405) 6	+/-10%

Over Time Performance (IEC Compliant)

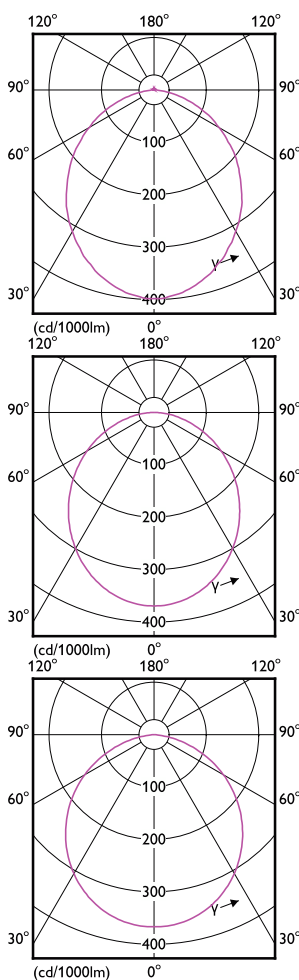
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Order Code	Full Product Name	Driver failure rate at 5000 h
929003304408	59443 Plus MESON 080 7W 30K WH KR	5
929003304508	59443 Plus MESON 080 7W 40K WH KR	5
929003304608	59443 Plus MESON 080 7W 65K WH KR	5
915005805701	59464 MESON 125 12.5W 30K WH recessed	-
915005805801	59464 MESON 125 12.5W 40K WH recessed	-
915005805901	59464 MESON 125 12.5W 65K WH recessed	-
915005806301	59466 MESON 150 16.5W 30K WH recessed	-
915005806401	59466 MESON 150 16.5W 40K WH recessed	-
915005806501	59466 MESON 150 16.5W 65K WH recessed	-
915005806901	59469 MESON 175 20W 30K WH recessed	-
915005807001	59469 MESON 175 20W 40K WH recessed	-
915005807101	59469 MESON 175 20W 65K WH recessed	-

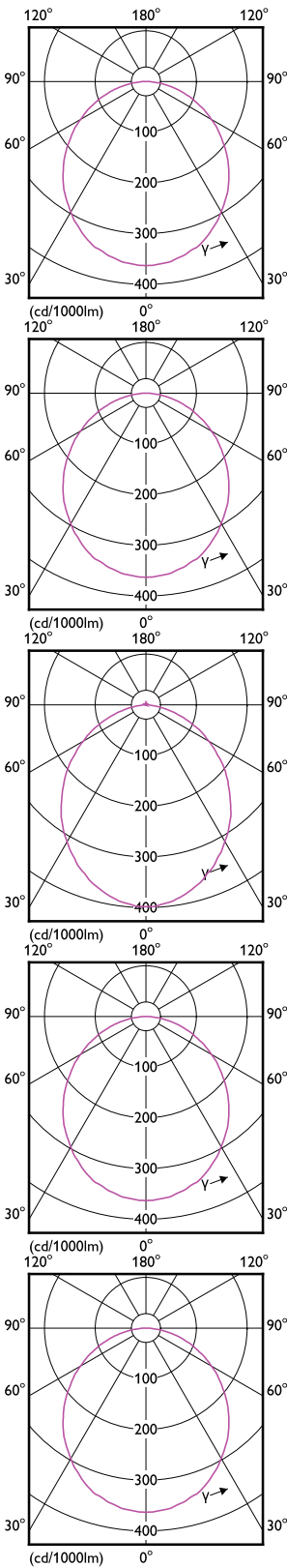
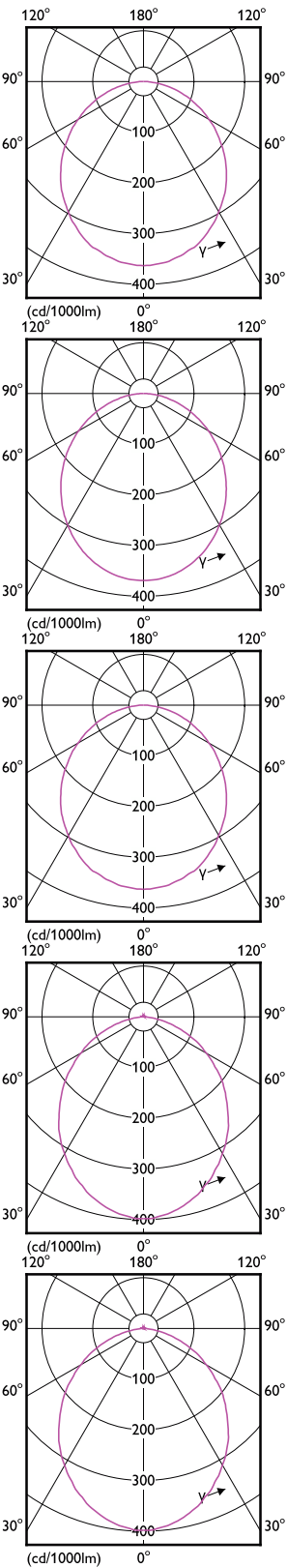
Order Code	Full Product Name	Driver failure rate at 5000 h
915005807201	59471 MESON 200 23.5W 30K WH recessed	-
915005807301	59471 MESON 200 23.5W 40K WH recessed	-
915005807401	59471 MESON 200 23.5W 65K WH recessed	-
929003191802	59441 MESON 080 3.5W 30K WH recessed TR	5 %
929003191902	59441 MESON 080 3.5W 40K WH recessed TR	5 %
929003192002	59441 MESON 080 3.5W 65K WH recessed TR	5 %
929003192102	59447 MESON 090 5.5W 30K WH recessed TR	5 %
929003192202	59447 MESON 090 5.5W 40K WH recessed TR	5 %
929003192302	59447 MESON 090 5.5W 65K WH recessed TR	5 %
929003192402	59448 MESON 105 7.5W 30K WH recessed TR	5 %
929003192502	59448 MESON 105 7.5W 40K WH recessed TR	5 %
929003192602	59448 MESON 105 7.5W 65K WH recessed TR	5 %

Application Conditions

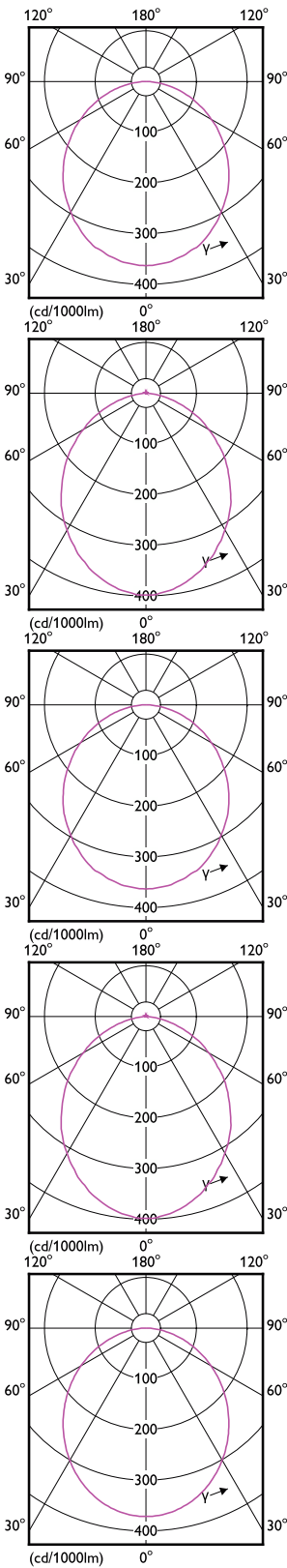
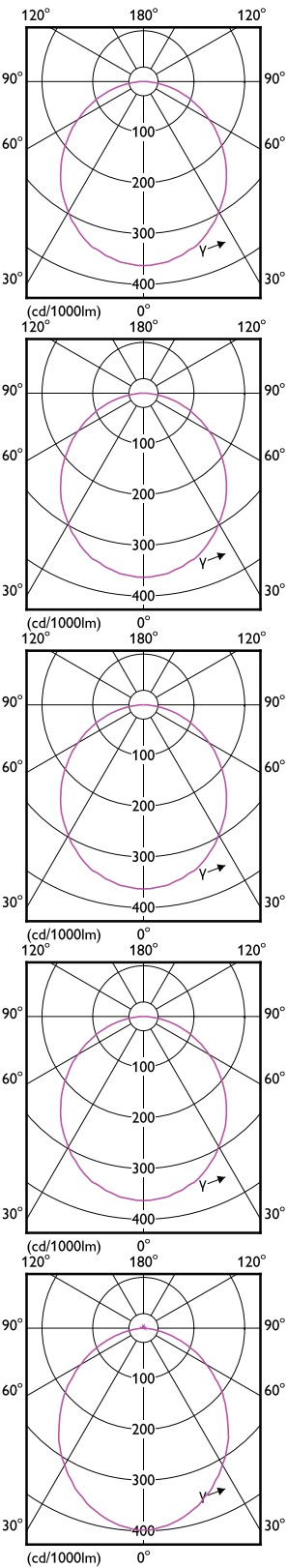
Order Code	Full Product Name	Suitable for random switching
929003304408	59443 Plus MESON 080 7W 30K WH KR	Not applicable
929003304508	59443 Plus MESON 080 7W 40K WH KR	Not applicable
929003304608	59443 Plus MESON 080 7W 65K WH KR	Not applicable
915005805701	59464 MESON 125 12.5W 30K WH recessed	-
915005805801	59464 MESON 125 12.5W 40K WH recessed	-
915005805901	59464 MESON 125 12.5W 65K WH recessed	-
915005806301	59466 MESON 150 16.5W 30K WH recessed	-
915005806401	59466 MESON 150 16.5W 40K WH recessed	-
915005806501	59466 MESON 150 16.5W 65K WH recessed	-
915005806901	59469 MESON 175 20W 30K WH recessed	-
915005807001	59469 MESON 175 20W 40K WH recessed	-
915005807101	59469 MESON 175 20W 65K WH recessed	-
915005807201	59471 MESON 200 23.5W 30K WH recessed	-
915005807301	59471 MESON 200 23.5W 40K WH recessed	-
915005807401	59471 MESON 200 23.5W 65K WH recessed	-
929003191802	59441 MESON 080 3.5W 30K WH recessed TR	Not applicable
929003191902	59441 MESON 080 3.5W 40K WH recessed TR	Not applicable
929003192002	59441 MESON 080 3.5W 65K WH recessed TR	Not applicable
929003192102	59447 MESON 090 5.5W 30K WH recessed TR	Not applicable
929003192202	59447 MESON 090 5.5W 40K WH recessed TR	Not applicable
929003192302	59447 MESON 090 5.5W 65K WH recessed TR	Not applicable
929003192402	59448 MESON 105 7.5W 30K WH recessed TR	Not applicable
929003192502	59448 MESON 105 7.5W 40K WH recessed TR	Not applicable
929003192602	59448 MESON 105 7.5W 65K WH recessed TR	Not applicable



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