

BAL Light
Begins
Here

IN-GROUND LIGHT

Anti-glare reflector optics design

Anti-glare lens optics design

Reflector wall washer design

Lens wall washer design





Reflector version with Anti-glare louver



Reflector version wall washer



Lens version with Anti-glare louver



Lens version wall washer



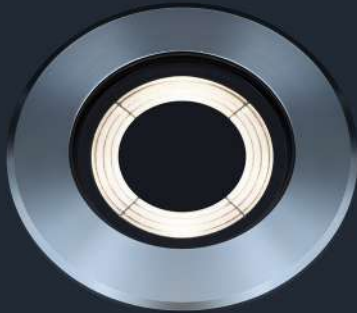
Reflector version



Anti-glare louver



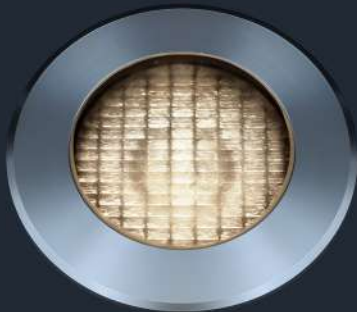
Reflector wallwasher



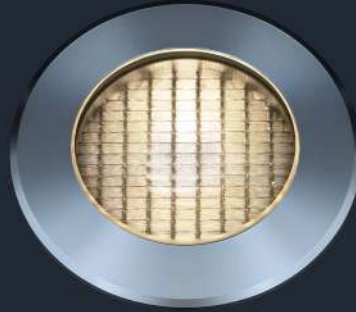
Large solid Anti-glare louver



Small solid Anti-glare louver



Anti-glare grille tilt 5°

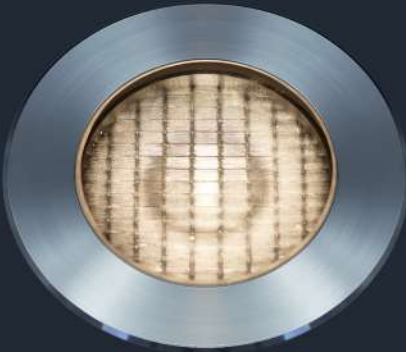


Anti-glare Grille tilt 15°

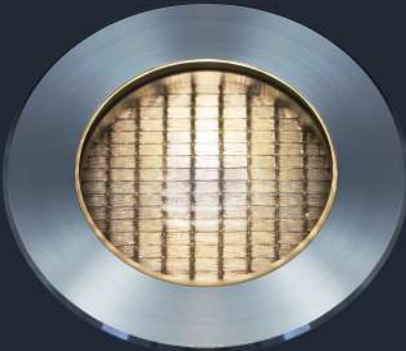
Lens version



Anti-glare louver

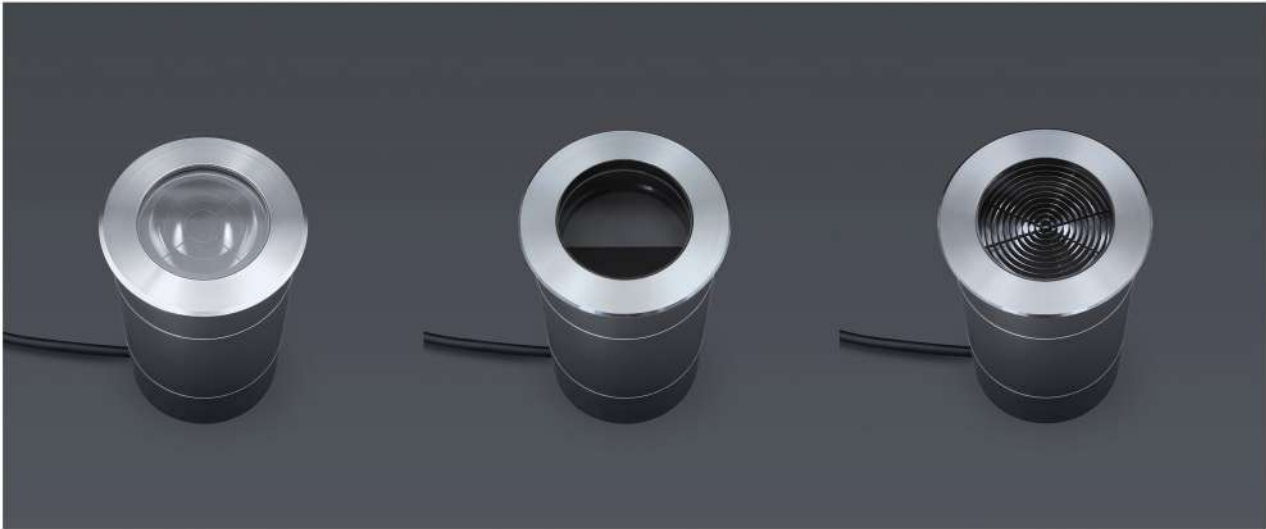


Anti-glare grille tilt 5°



Anti-glare grille tilt 15°

In-ground Light



Specification

Surface : 316 stainless steel;

Glass: Hardened safety tempered glass (wear-resistant);

Static load resistance of flanged housing: 2000 Kg;

Luminaire body material: Die-cast aluminum (for diameter > 136mm); CNC-machined 6061 aluminum (for diameter < 136mm);

Mounting part material: PVC plastic (for diameter > 136mm); CNC-machined 6061 aluminum (for diameter < 136mm);

Surface treatment: Hard anodizing on both the luminaire body and pre-embedded mounting box, featuring high corrosion resistance (suitable for soils with different salinity levels) and salt spray test duration > 1000h;

Surface screws: 304 stainless steel screws (for diameter > 136mm); screwless design (for diameter < 136mm);

IP rating: IP67;

IK rating: IK08 (for diameter < 69mm); IK10 (for diameter > 69mm);

Built-in or external DMX512, 0-10V, DALI, thyristor dimmable driver;

Size

1W φ27mm	3W φ49mm	6W φ59mm	9W φ69mm	18W φ103mm	24W φ170mm	36W φ210mm	48W φ260mm	72/96W φ320mm
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Lens/Reflector



Lens Wall Washer



Reflector Wall Washer



Adjustable



Optics

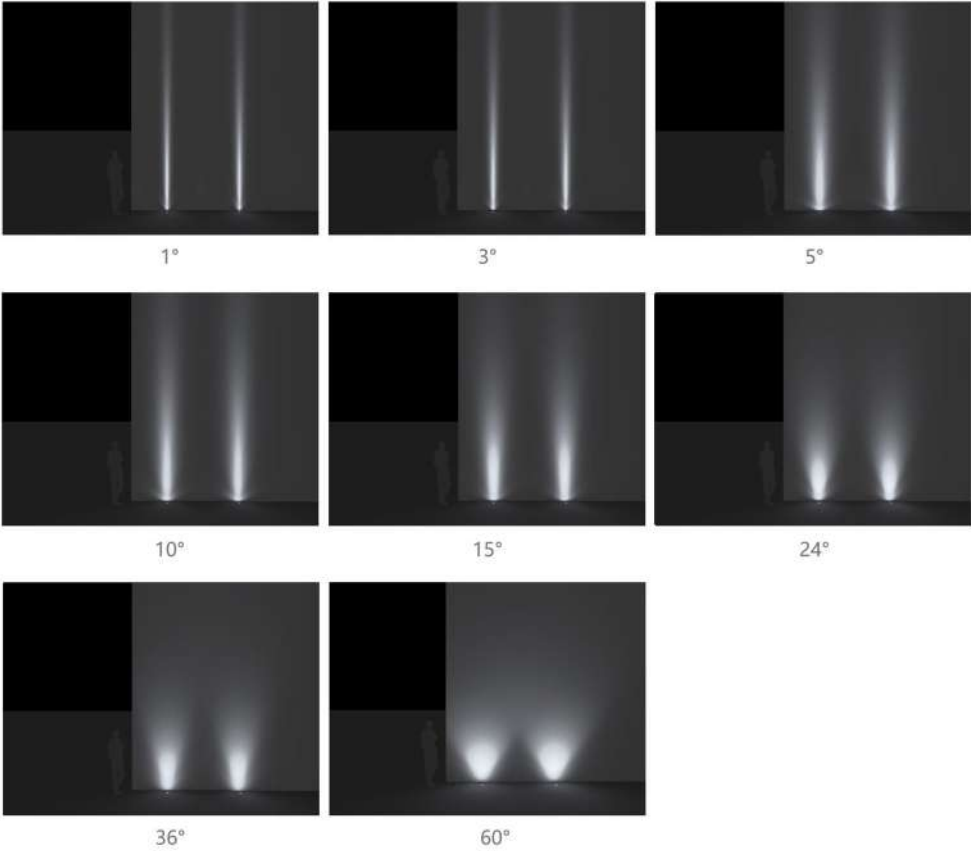
Multiple beam angle are available, which can meet the application requirements of different spaces.

The beam angles are:

Symmetrical light: 1°, 3°, 5°, 10°, 15°, 24°, 36°, 60°;

Asymmetrical light:

A4°, A6°, A8°, A15°, A20°, A45°, A70°;

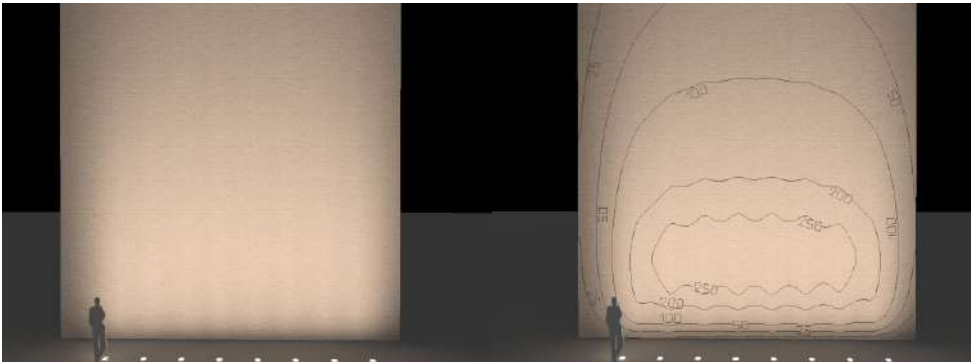


Optional elliptical light:

- Elliptical lens 0160
- Elliptical lens 0140
- Elliptical lens 0115
- Elliptical lens 1060
- Elliptical lens 1040
- Elliptical lens 1560

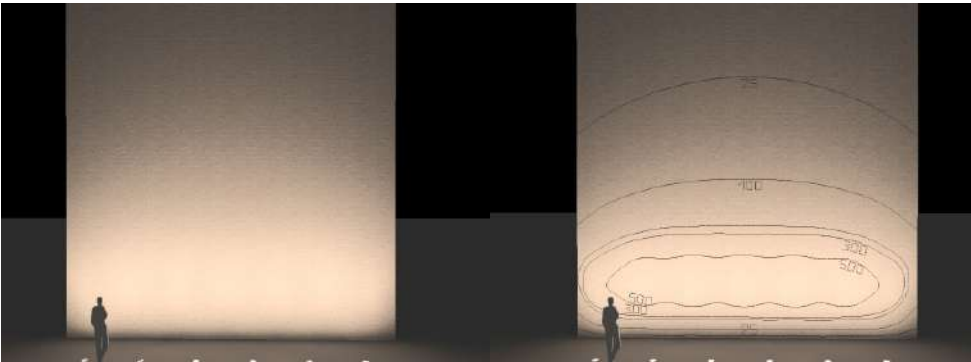
Vertical Wall Washing Effect

power : 36w
 Height of wall : 10m
 Distance between : 1m
 Distance to the wall: 1m



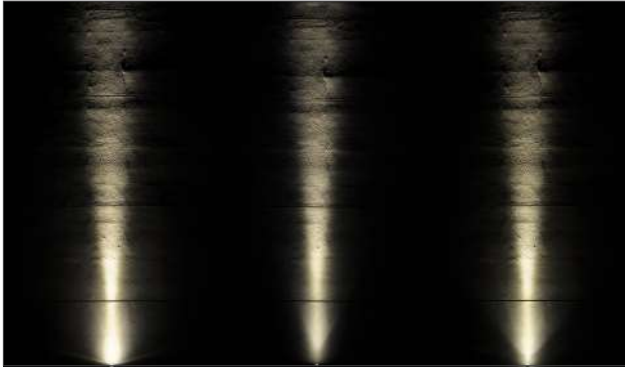
Horizontal Wall Washing Effect

power : 36w
 Height of wall : 10m
 Distance between : 1.5m
 Distance to the wall: 1.25m



Comparison Effect for High Efficiency and Low Glare

8°effect (WaLL H=7M) 8°

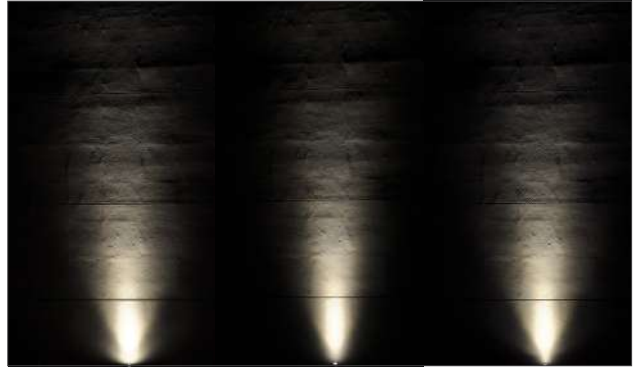


Without anti-glare accessory

With anti-glare accessory

With asymmetric anti-glare accessory

18°effect (WaLL H=7M) 18°

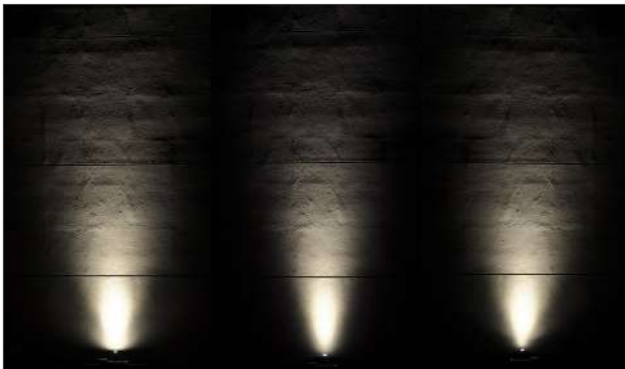


Without anti-glare accessory

With anti-glare accessory

With asymmetric anti-glare accessory

24°effect (WaLL H=7M)24°

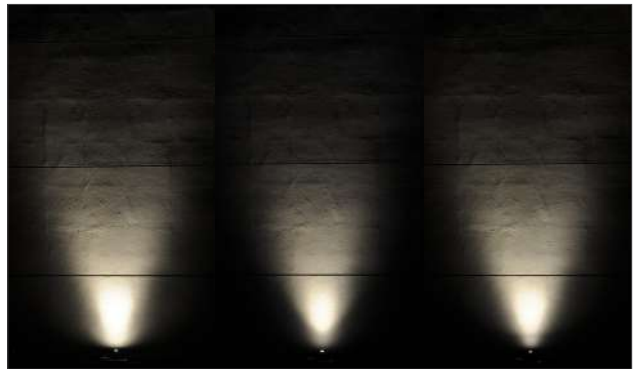


Without anti-glare accessory

With anti-glare accessory

With asymmetric anti-glare accessory

34°effect (WaLL H=7M) 34°

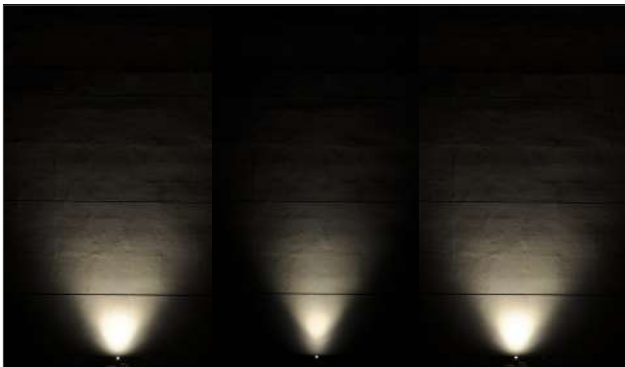


Without anti-glare accessory

With anti-glare accessory

With asymmetric anti-glare accessory

60°effect (WaLL H=7M) 60°

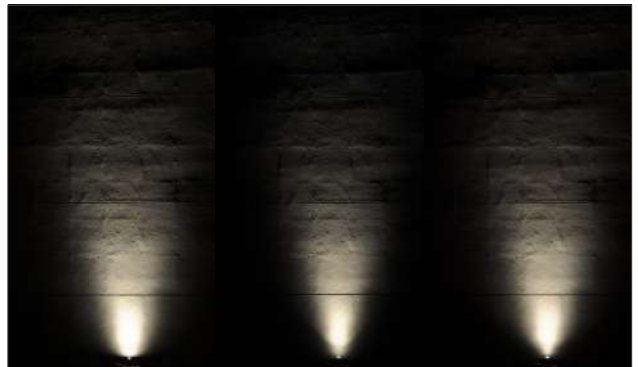


Without anti-glare accessory

With anti-glare accessory

With asymmetric anti-glare accessory

18x33°effect (WaLL H=7M) 18x33°

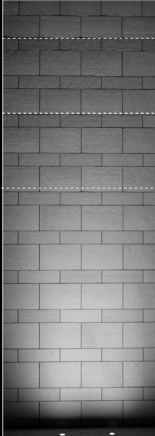

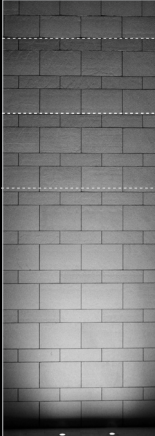


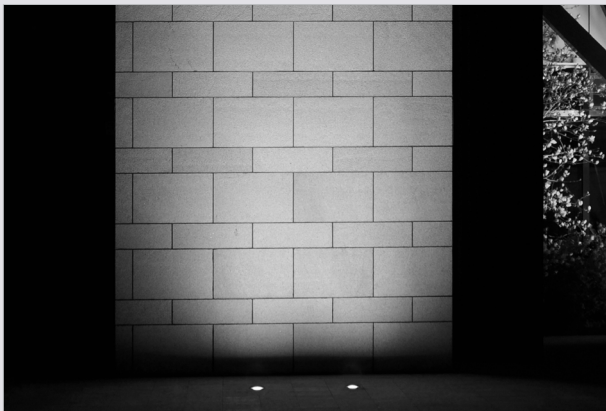
Without anti-glare accessory

With anti-glare accessory

With asymmetric anti-glare accessory

The real effect of outdoor recessed light

	9m		
	7m		
	5m		
Vertical uniformity Power: 30W Height of the wall: 10m Width of the wall: 3.8m Distance between: 1m Distance to the wall: 1m Ave illuminance: 163lx uniformity(Ave/Max): 0.52 Begin of the light: 5cm		Horizontally uniformity Power: 30W Height of the wall: 5.5m Width of the wall: 3.8m Distance between: 1.25m Distance to the wall: 1.25m Ave illuminance: 372lx uniformity(Ave/Max): 0.39 Begin of the light: 20cm	



Vertical uniformity is prioritized.
Begin of the light: 5cm

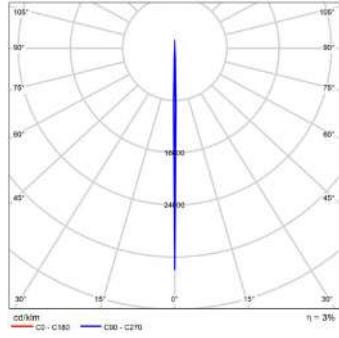


Horizontally uniformity is prioritized.
Begin of the light: 20cm

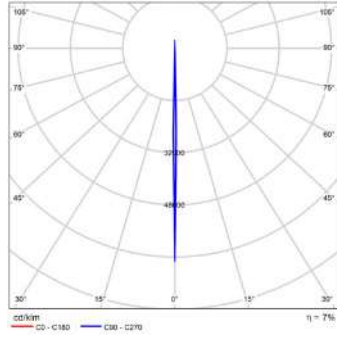
The anti-glare accessories

Accessory photo	Effect with accessory	Light distribution curve	Accessory	Accessory characteristic	Application
			Reflector+Antiglare louvre	Low Glare; Narrow field Angle Higher dark area in wall wash; Clear light spot boundary.	Projection lighting wall wash
		-	Reflector + 5° tilted anti-glare grille	Low Glare; Higher dark area in wall wash; 20% effective light loss.	Wall wash
		-	Reflector + 15° tilted anti-glare grille	Extremely low glare; Low dark area in wall wash; 45% effective light loss.	Wall wash
			Ultra narrow beam reflector+Small solid anti glare louvre	Wider FA (Field Angle); Weak stray light outside the FA.	grazing wall light beam
			Ultra narrow beam reflector+Large solid anti glare louvre	Extremely low glare; Small FA (Field Angle); Lower output; Clear light spot boundary.	Projection lighting

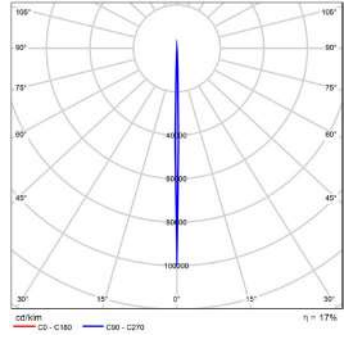
FWHM:1.2 FA:3.2



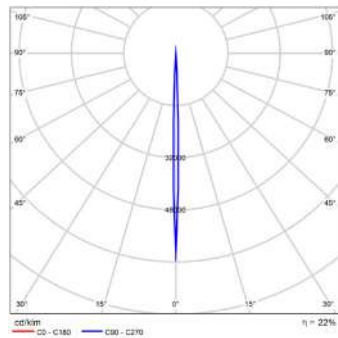
FWHM:1.7 FA:3.7



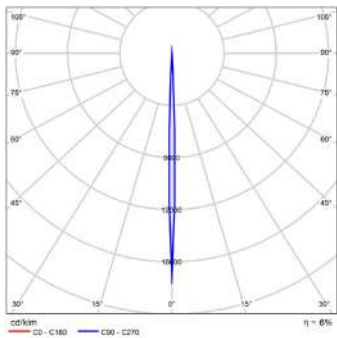
FWHM:1.7 FA:4.2



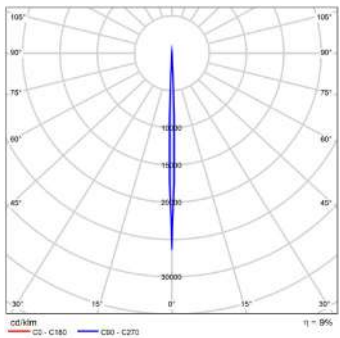
FWHM:2.4 FA:6.4



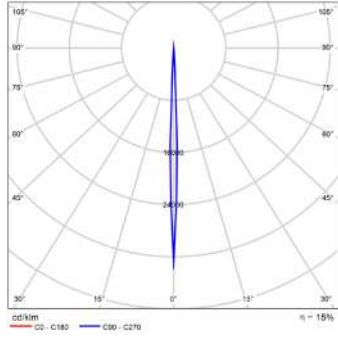
FWHM:2.8 FA:5.2



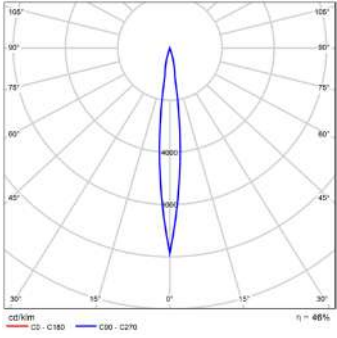
FWHM:2.7 FA:6.7



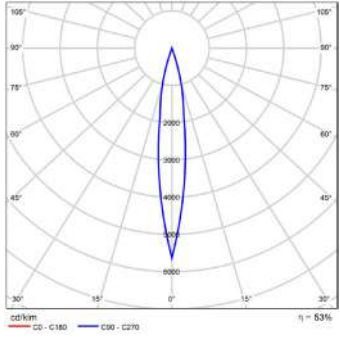
FWHM:3.7 FA:11.2



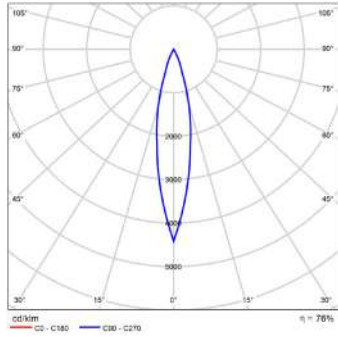
FWHM:12 FA:25



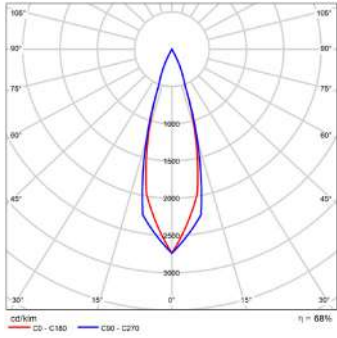
FWHM:15 FA:28



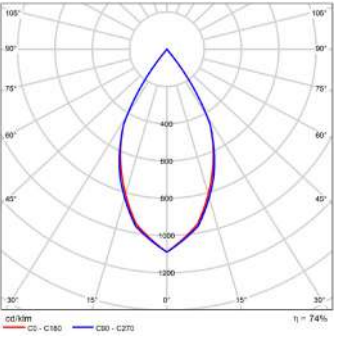
FWHM:21 FA:37



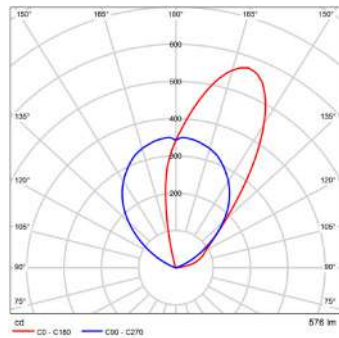
FWHM:33 FA:49



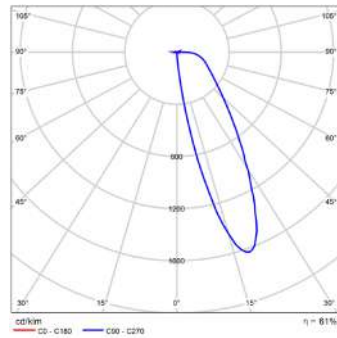
FWHM:54 FA:65



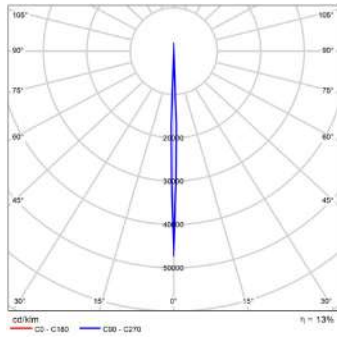
ASY: A40



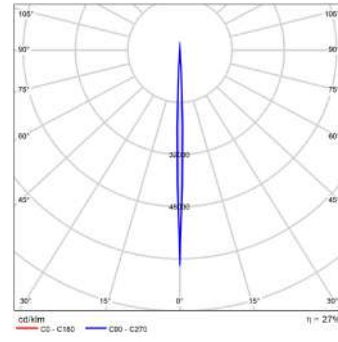
ASY: A70



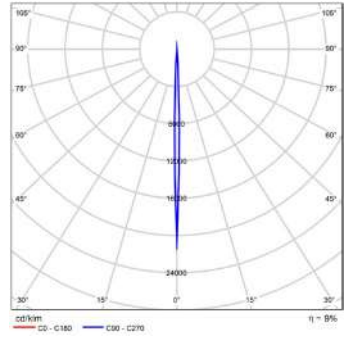
FWHM:3.4 FA:6.2



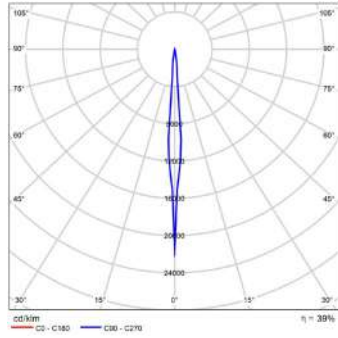
FWHM:3.7 FA:7.7



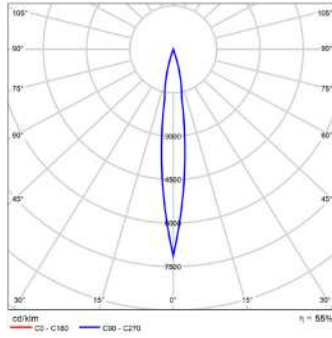
FWHM:3.7 FA:7.7



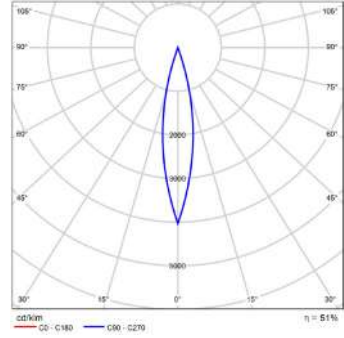
FWHM: 7 FA:13



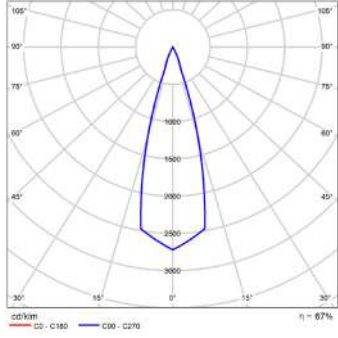
FWHM:13 FA:24



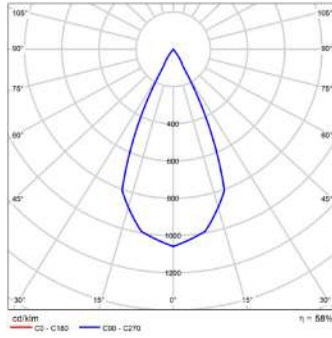
FWHM:20 FA:36



FWHM:30 FA:45

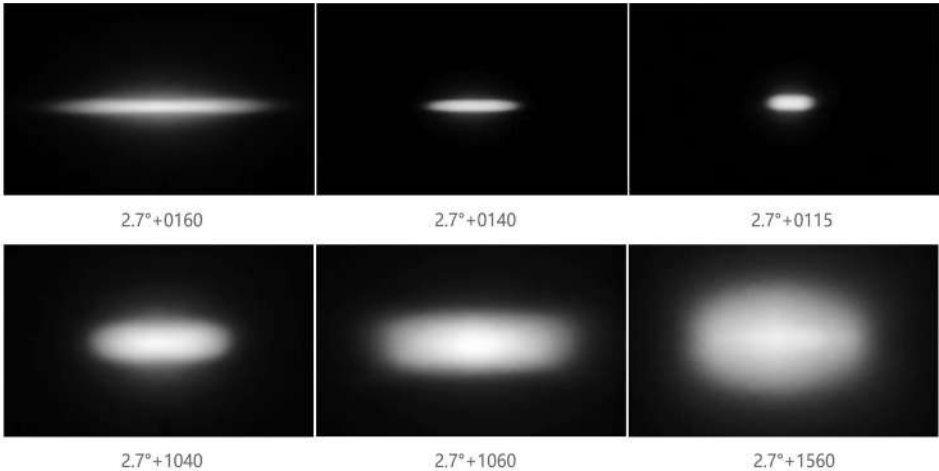


FWHM:50 FA:60

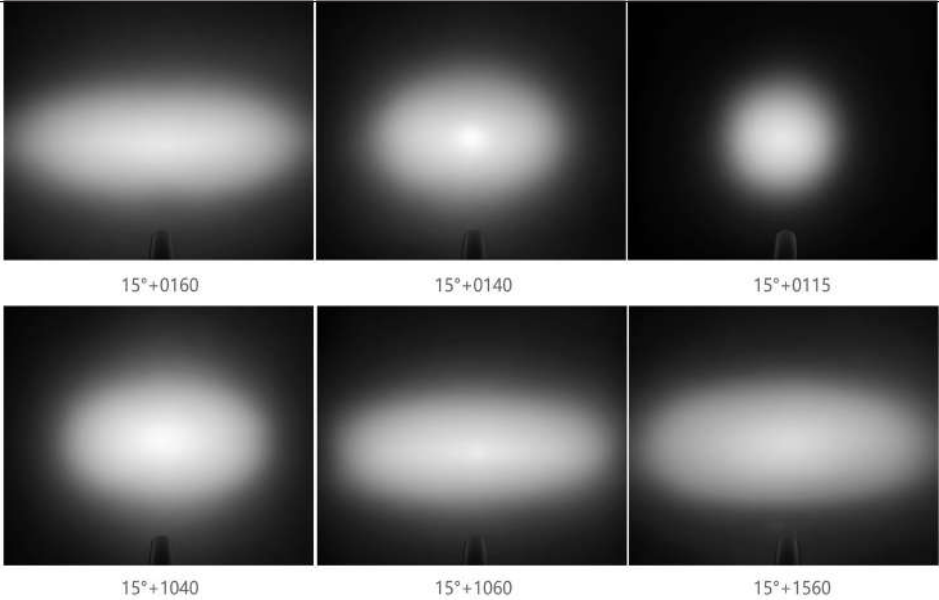


Elliptical Optics

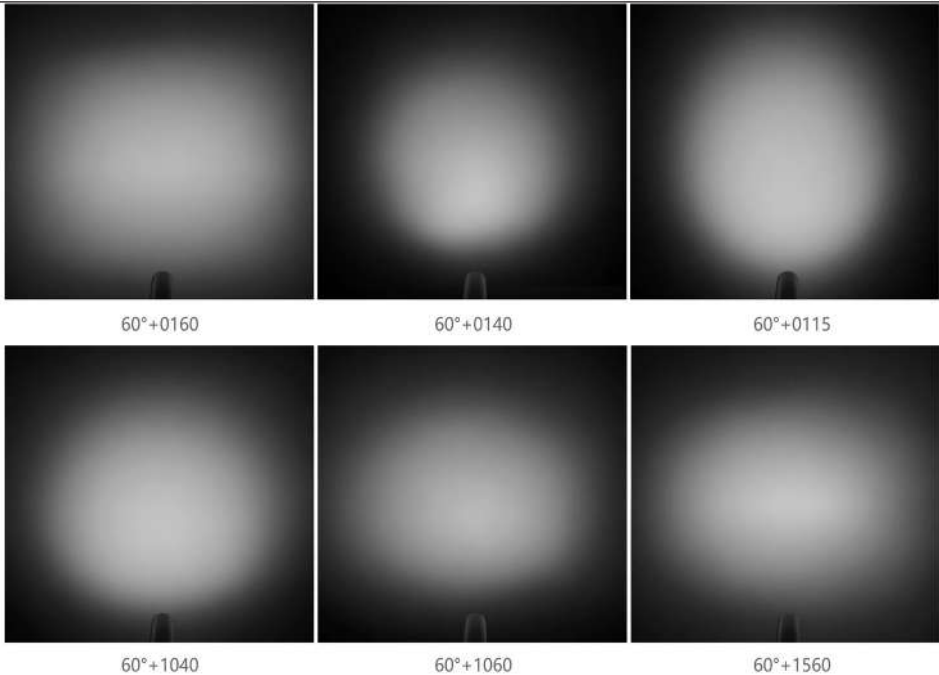
Elliptical light:
Elliptical lens 2.7°+0160
Elliptical lens 2.7°+0140
Elliptical lens 2.7°+0115
Elliptical lens 2.7°+1060
Elliptical lens 2.7°+1040
Elliptical lens 2.7°+1560



Elliptical light:
Elliptical lens 15°+0160
Elliptical lens 15°+0140
Elliptical lens 15°+0115
Elliptical lens 15°+1060
Elliptical lens 15°+1040
Elliptical lens 15°+1560



Elliptical light:
Elliptical lens 60°+0160
Elliptical lens 60°+0140
Elliptical lens 60°+0115
Elliptical lens 60°+1060
Elliptical lens 60°+1040
Elliptical lens 60°+1560



Elliptical Optics

Orinal optic	Elleptical lens 0160		Elleptical lens 0140		Elleptical lens 0115		Elleptical lens 1060		Elleptical lens 1560	
	FWHM	FWHM: 0~180°	FWHM: 90~270°	FWHM: 0~180°	FWHM: 90~270°	FWHM: 0~180°	FWHM: 90~270°	FWHM: 0~180°	FWHM: 90~270°	FWHM: 0~180°
1.2	1.6	60.0	1.6	40.0	1.6	15.0	10.1	60.0	15.0	60.0
1.7	2.0	60.0	2.0	40.0	2.0	15.1	10.1	60.0	15.1	60.0
1.7	2.0	60.0	2.0	40.0	2.0	15.1	10.1	60.0	15.1	60.0
2.4	2.6	60.0	2.6	40.1	2.6	15.2	10.3	60.0	15.2	60.0
2.8	3.0	60.1	3.0	40.1	3.0	15.3	10.4	60.1	15.3	60.1
2.7	2.9	60.1	2.9	40.1	2.9	15.2	10.4	60.1	15.2	60.1
3.4	3.5	60.1	3.5	40.1	3.5	15.4	10.6	60.1	15.4	60.1
3.7	3.8	60.1	3.8	40.2	3.8	15.4	10.7	60.1	15.4	60.1
4.2	4.3	60.1	4.3	40.2	4.3	15.6	10.8	60.1	15.6	60.1
4.5	4.6	60.2	4.6	40.3	4.6	15.7	11.0	60.2	15.7	60.2
5	5	60	5	40	5	16	11	60	16	60
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59	59	84	59	71	59	61	60	84	61	84
60	60	85	60	72	60	62	61	85	62	85

Installation Accessories

The lamp is equipped with a pre-buried installation cylinder, which facilitates the pre-buried installation of the lamp. There are reserved wire outlet holes on both sides.



Light+Installation housing

Anti-glare Accessories Design

Anti-glare Accessories;
Reflector+louver;
Lens+louver;
Horizontal anti-glare louver,



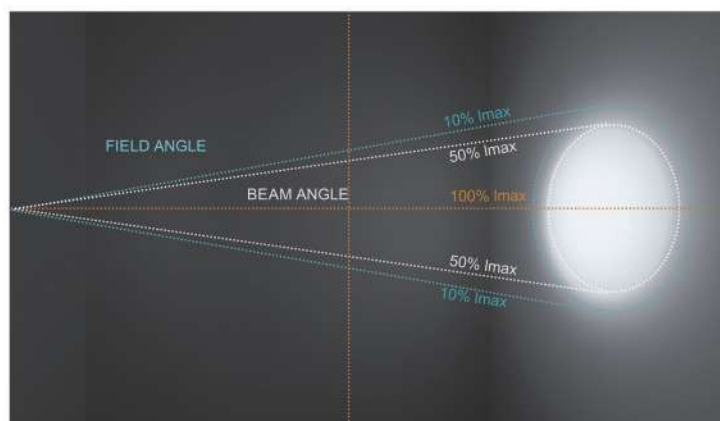
Reflector



Reflector+louver



Anti-glare Accessories Design



Comparison value of 6W 24° light with and without anti-glare louvre

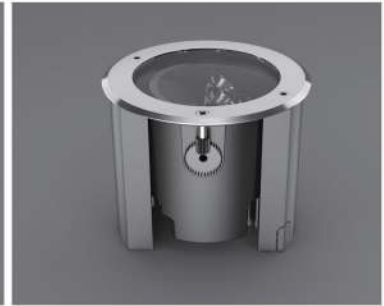
	FWHM	FA
Lux without anti-glare louvre	2350lx	235lx
Lux with anti-glare louvre	1940lx	60lx
Efficiency lost	17.4%	74.6%

Adjustable

Adjustable angle design,
Adjust the light direction from
outside without opening the
product.



Adjustable range: +30°~-15°



Casing for installation on the ground

Wall Washer

Reflection wall washing
No glare from the viewing angle;
Washing more height distance



Reflector Wallwasher



Casing for installation on the ground



In-ground installation



Recessed wall installation



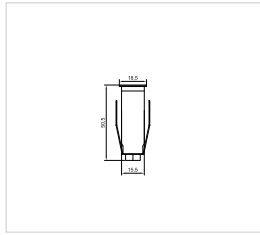
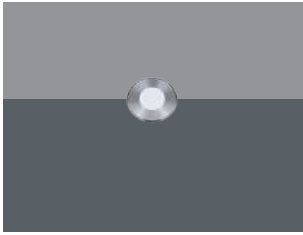
Mock up for the floor washer



No glare when people look up from a normal viewing angle,
The surface brightness more lower.



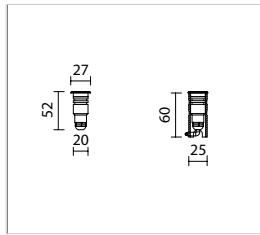
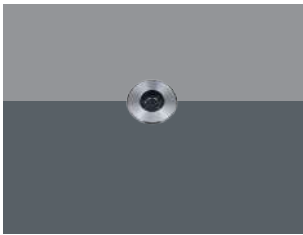
Lens version



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM18-03WA120	0.25	1	120	150	2	2
DM18-05WA120-DC	0.5	2	120	150	4	4

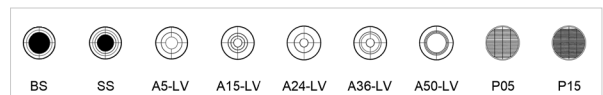
Weight: 0.04KG
 Power: DC24V
 Color temperature: Monochrome/Custom color
 Driver: External DMX512/0-10V/DALI

Lens version



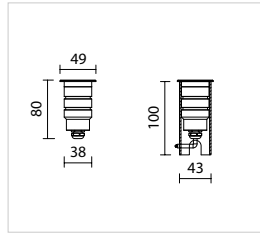
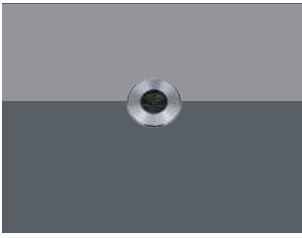
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM25-1WA15-LV	1.2	395	15	27	70	46
DM25-1WA27-LV	1.2	149	27	40	70	40
DM25-1WA42-LV	1.2	54	42	68	67	32
DM25-1WA58-LV	1.2	22	58	102	65	24
DM25-1WA2034-LV	1.2	85	20*34	36*71	65	24
DM25-1WA15-P05	1.2	441	15	27	70	51
DM25-1WA27-P05	1.2	188	27	40	70	50
DM25-1WA42-P05	1.2	71	42	68	67	42
DM25-1WA58-P05	1.2	32	58	102	65	34
DM25-1WA2034-P05	1.2	85	20*34	36*71	65	24
DM25-1WA15-P15	1.2	385	15	27	70	44
DM25-1WA27-P15	1.2	173	27	40	70	46
DM25-1WA42-P15	1.2	68	42	68	67	41
DM25-1WA58-P15	1.2	31	58	102	65	34
DM25-1WA2034-P15	1.2	85	20*34	36*71	65	24

Weight: 0.08KG
 Power: DC24V
 Color temperature: Monochrome/RGB/RGBW



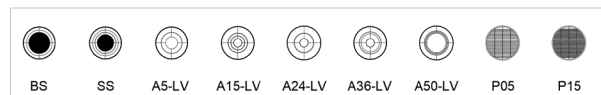
Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Lens version



Weight: 0.27KG
 Power: DC24V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM49-3WA10-LV	3	1788	9	21	287	78
DM49-3WA15-LV	3	940	18	34	281	113
DM49-3WA24-LV	3	535	22	41	281	93
DM49-3WA36-LV	3	384	39	64	281	172
DM49-3WA50-LV	3	243	51	81	271	175
DM49-3WA1040-LV	3	729	10*40		223	111
DM49-3WA1060-LV	3	458	10*60		243	122
DM49-3WA1460-LV	3	312	14*60		261	131
DM49-3WA2063-LV	3	235	20*63		249	125
DM49-3WA10-LV-RGBW	3	1162	9	21	187	51
DM49-3WA15-LV-RGBW	3	611	18	34	183	73
DM49-3WA24-LV-RGBW	3	348	22	41	183	60
DM49-3WA36-LV-RGBW	3	250	39	64	183	112
DM49-3WA50-LV-RGBW	3	158	51	81	176	114
DM49-3WA08-P05	3	1620	9	21	285	73
DM49-3WA15-P05	3	1394	13	28	297	103
DM49-3WA24-P05	3	1180	19	35	291	142
DM49-3WA36-P05	3	519	39*37	54*53	294	139
DM49-3WA50-P05	3	344	46*48	64*61	290	118
DM49-3WA10-P05-RGBW	3	906	13	28	187	67
DM49-3WA15-P05-RGBW	3	767	19	35	187	92
DM49-3WA24-P05-RGBW	3	337	30	47	188	90
DM49-3WA36-P05-RGBW	3	224	39*37	54*53	188	77
DM49-3WA50-P05-RGBW	3	839	46*48	64*61	175	56
DM49-3WA10-P15	3	1292	12	24	297	86
DM49-3WA15-P15	3	948	19	33	291	124
DM49-3WA24-P15	3	566	28	46	294	128
DM49-3WA36-P15	3	396	38*31	53*52	290	114
DM49-3WA50-P15	3	246	50*30	65*60	271	93
DM49-3WA10-P15-RGBW	3	839	12	24	193	56
DM49-3WA15-P15-RGBW	3	616	19	33	189	81
DM49-3WA24-P15-RGBW	3	368	28	46	191	83
DM49-3WA36-P15-RGBW	3	257	38*31	53*52	189	74
DM49-3WA50-P15-RGBW	3	160	50*30	65*60	176	60

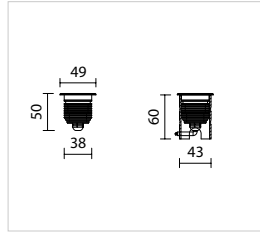


Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

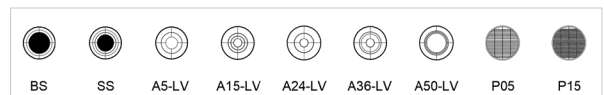
Thin Lens version



Weight: 0.27KG
 Power: DC24V
 Color temperature: Monochrome

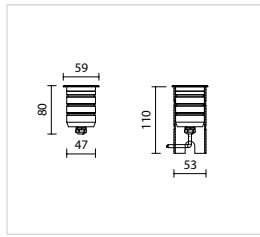
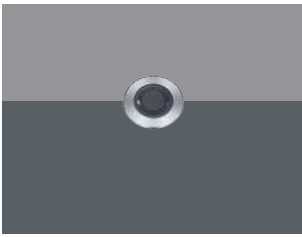


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM49-A2WA10-LV	2	1180	9	21	189	52
DM49-A2WA15-LV	2	620	18	34	185	75
DM49-A2WA24-LV	2	353	22	41	185	61
DM49-A2WA36-LV	2	253	39	64	185	114
DM49-A2WA50-LV	2	160	51	81	179	115
DM49-A2WA08-P05	2	1080	9	21	190	48
DM49-A2WA10-P05	2	929	13	28	198	69
DM49-A2WA15-P05	2	786	19	35	194	95
DM49-A2WA24-P05	2	346	30	47	186	93
DM49-A2WA36-P05	2	229	39*37	54*53	193	78
DM49-A2WA50-P05	2	128	46*48	64*61	181	73
DM49-A2WA10-P15	2	861	12	24	198	57
DM49-A2WA15-P15	2	632	19	33	194	83
DM49-A2WA24-P15	2	377	28	46	186	85
DM49-A2WA36-P15	2	264	38*31	53*52	193	76
DM49-A2WA50-P15	2	164	50*30	65*60	181	62



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Reflector -Ultra narrow beam



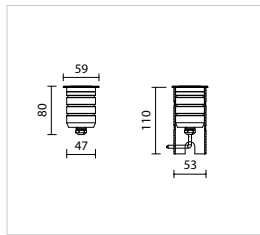
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM59-P3WA3Q5-BS	3	6080	3.2	5.7	168	20
DM59-P3WA3Q6-SS	3	8240	3.5	6.4	168	35
DM59-P3WA4Q7-LV	3	10288	3.7	7.5	168	56

Weight: 0.5KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Anti-glare accessories



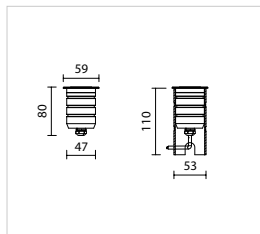
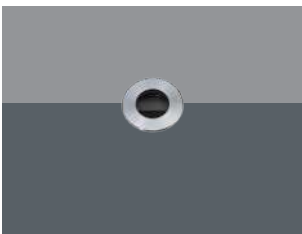
Reflector version



CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM59-F4WA8Q16-LV	4	3541	8	16	232	91
DM59-F6WA13Q24-LV	6	2899	13	25	453	202
DM59-F6WA20Q36-LV	6	2363	20	36	480	317
DM59-F6WA32Q48-LV	6	1193	32	48	456	321
DM59-F6WA49Q68-LV	6	540	49	68	717	308
DM59-F6WA1040-LV	6	1459	10°40'		445	223
DM59-F6WA1060-LV	6	916	10°60'		486	243
DM59-F6WA1460-LV	6	625	14°60'		522	261
DM59-F6WA2063-LV	6	471	20°63'		498	249

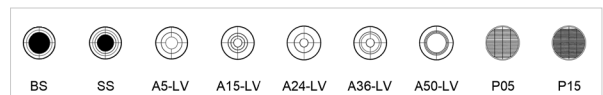
Weight: 0.5KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Reflector wall washer



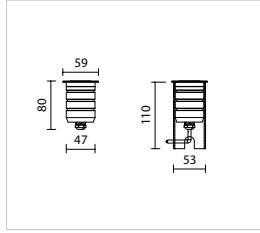
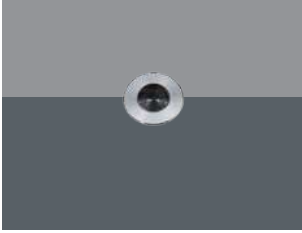
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM59-F4WP15W	4	195	44°72'P15	88°140'P15	196	196

Weight: 0.5KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver



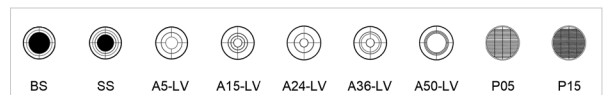
Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Lens version



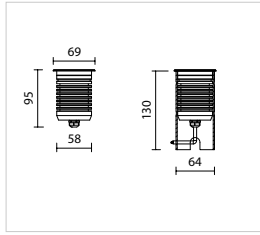
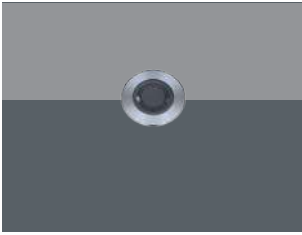
Weight: 0.5KG
 Power: DC24V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM59-6WA10-LV	6	3577	9	20	574	157
DM59-6WA15-LV	6	1881	18	34	562	226
DM59-6WA24-LV	6	1071	22	40	563	186
DM59-6WA36-LV	6	770	39	64	562	344
DM59-6WA50-LV	6	486	51	81	543	350
DM59-6WA0520-LV	6	3644	5°20		462	180
DM59-6WA10-LV-RGBW	6	2325	9	20	373	102
DM59-6WA15-LV-RGBW	6	1223	18	34	365	147
DM59-6WA24-LV-RGBW	6	696	22	40	366	121
DM59-6WA36-LV-RGBW	6	500	39	64	366	224
DM59-6WA50-LV-RGBW	6	316	51	81	353	228
DM59-6WA08-P05	6	3240	9	20.5	594	145
DM59-6WA10-P05	6	2787	13	28	594	206
DM59-6WA15-P05	6	2359	19	35	582	285
DM59-6WA24-P05	6	1038	30	47	585	278
DM59-6WA36-P05	6	688	39°37	54°53	581	235
DM59-6WA50-P05	6	383	46°48	64°61	543	190
DM59-6WA08-P05-RGBW	6	2106	9	20.5	386	94
DM59-6WA10-P05-RGBW	6	1812	13	28	386	134
DM59-6WA15-P05-RGBW	6	1533	19	35	378	185
DM59-6WA24-P05-RGBW	6	675	30	47	380	181
DM59-6WA36-P05-RGBW	6	447	39°37	54°53	378	153
DM59-6WA50-P05-RGBW	6	249	46°48	64°61	353	124
DM59-6WA10-P15	6	2583	12	24	594	172
DM59-6WA15-P15	6	1895	19	33	582	248
DM59-6WA24-P15	6	1132	28	46	585	256
DM59-6WA36-P15	6	792	38°31	53°52	581	228
DM59-6WA50-P15	6	492	50°30	65°60	543	186
DM59-6WA10-P15-RGBW	6	1679	12	24	386	112
DM59-6WA15-P15-RGBW	6	1232	19	33	378	161
DM59-6WA24-P15-RGBW	6	736	28	46	380	167
DM59-6WA36-P15-RGBW	6	515	38°31	53°52	378	148
DM59-6WA50-P15-RGBW	6	320	50°30	65°60	353	121



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Reflector -Ultra narrow beam



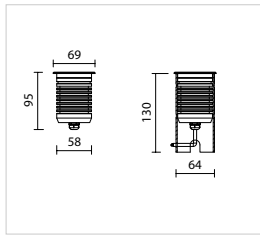
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-G6WA3Q5-BS	6	7948	3.3	5.4	321	25
DM69-G6WA4Q9-SS	6	9139	4.4	8.7	321	67

Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Anti-glare accessories



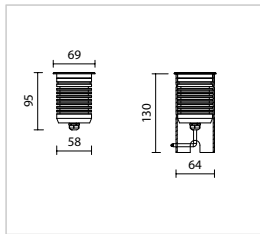
Reflector version



CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-F9WA11Q22-LV	9	5445	11	22	795	297
DM69-F9WA16Q29-LV	9	3997	16	29	762	374
DM69-F9WA23Q37-LV	9	2747	23	37	762	436
DM69-F9WA33Q46-LV	9	1815	33	46	711	532
DM69-F9WA49Q77-LV	9	842	49	77	813	544
DM69-F9WA1040-LV	9	2189	10°40		668	334
DM69-F9WA1060-LV	9	1374	10°60		729	365
DM69-F9WA1460-LV	9	937	14°60		783	392
DM69-F9WA2063-LV	9	706	20°63		747	374

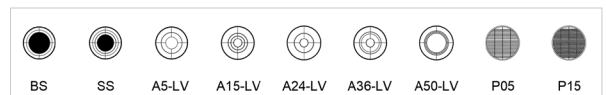
Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Reflector wall washer



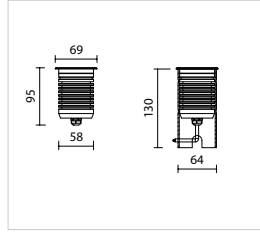
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-F8WP15W	8	388	44°72:P15	88°140:P15	392	392

Weight: 0.55KG
 Power: DC24V/AC220V (AC220V only for non-dimmable version)
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

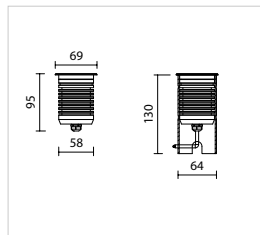
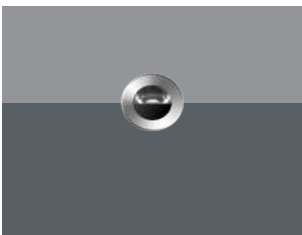
Lens version



Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

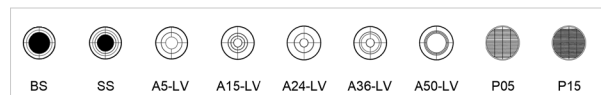
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-9WA10-LV	9	5548	9	20	890	243
DM69-9WA15-LV	9	2917	18	34	872	351
DM69-9WA24-LV	9	1661	22	40	871	289
DM69-9WA36-LV	9	1154	39	64	843	516
DM69-9WA50-LV	9	729	51	81	815	516
DM69-9WA0520-LV	9	5466	5*20		692	270
DM69-9WA10-LV-RGBW	9	3606	9	20	579	158
DM69-9WA15-LV-RGBW	9	1896	18	34	567	228
DM69-9WA24-LV-RGBW	9	1080	22	40	566	188
DM69-9WA36-LV-RGBW	9	750	39	64	548	335
DM69-9WA50-LV-RGBW	9	474	51	81	530	335
DM69-9WA10-P05	9	4187	13	28	863	310
DM69-9WA15-P05	9	3543	19	35	861	425
DM69-9WA24-P05	9	1562	30	47	871	404
DM69-9WA36-P05	9	1003	39*37	54*53	871	343
DM69-9WA50-P05	9	561	46*48	64*61	808	278
DM69-9WA10-P05-RGBW	9	2722	13	28	561	202
DM69-9WA15-P05-RGBW	9	2303	19	35	560	276
DM69-9WA24-P05-RGBW	9	1015	30	47	566	263
DM69-9WA36-P05-RGBW	9	652	39*37	54*53	566	223
DM69-9WA50-P05-RGBW	9	365	46*48	64*61	525	181
DM69-9WA10-P15	9	3875	12	24	863	258
DM69-9WA15-P15	9	2843	19	33	861	372
DM69-9WA24-P15	9	1698	28	46	871	384
DM69-9WA36-P15	9	1114	35*27	56*52	871	295
DM69-9WA50-P15	9	738	50*30	65*60	808	279
DM69-9WA10-P15-RGBW	9	2518	12	24	561	168
DM69-9WA15-P15-RGBW	9	1848	19	33	560	242
DM69-9WA24-P15-RGBW	9	1104	28	46	566	250
DM69-9WA36-P15-RGBW	9	724	35*27	56*52	566	192
DM69-9WA50-P15-RGBW	9	480	50*30	65*60	525	181

Lens version



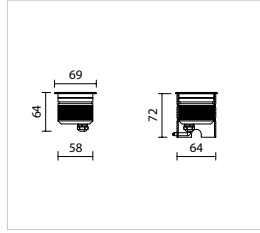
Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-9WP05	9	1702	22*24:P5	50*49:P5	500	500
DM69-9WP20	9	617	39*52:P20	82*89:P20	472	472
DM69-9WP30	9	476	35*72:P30	119*98:P30	465	465



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

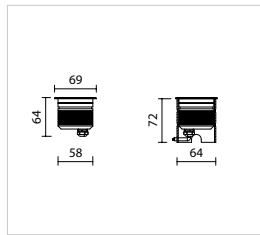
Thin Lens version



Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-A6WA10-LV	6.3	3577	9	20	574	157
DM69-A6WA15-LV	6.3	1881	18	34	562	226
DM69-A6WA24-LV	6.3	1071	22	40	562	186
DM69-A6WA36-LV	6.3	769	39	64	562	344
DM69-A6WA50-LV	6.3	486	51	81	543	344
DM69-A6WA10-LV-RGBW	6.3	2325	9	20	373	102
DM69-A6WA15-LV-RGBW	6.3	1223	18	34	365	147
DM69-A6WA24-LV-RGBW	6.3	696	22	40	365	121
DM69-A6WA36-LV-RGBW	6.3	500	39	64	365	224
DM69-A6WA50-LV-RGBW	6.3	316	51	81	353	224

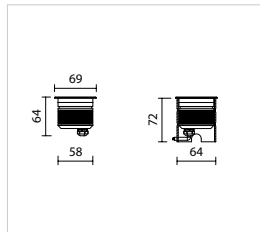
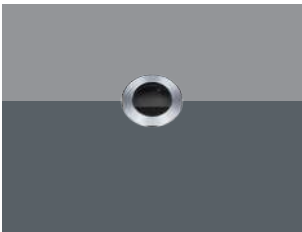
Thin Lens wall washer



Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

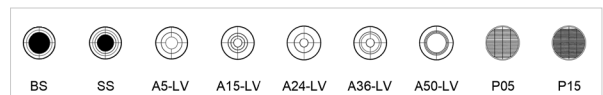
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-A6WP05	6	1131	22°24:P5	50°49:P5	333	333
DM69-A6WP20	6	412	39°52:P20	82°89:P20	314	314
DM69-A6WP30	6	318	35°72:P30	119°98:P30	311	311

Thin Reflector wall washer



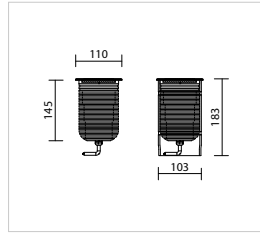
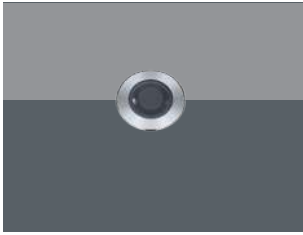
Weight: 0.55KG
 Power: DC24V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM69-AF6WP15W	6	291	44°72:P15	88°140:P15	294	294



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

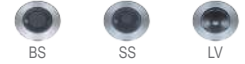
Reflector -Ultra narrow beam



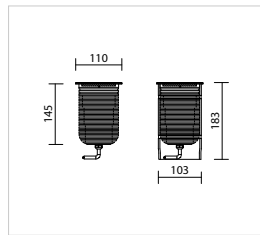
Weight: 1.8KG
 Power: DC24V/AC220V (AC220V only for non-dimmable version)
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM103-P3WA1Q3-BS	3	12368	1.2	3.2	175	12
DM103-P3WA2Q6-SS	3	20079	2	5.6	175	58
DM103-P3WA3Q6-LV	3	30923	2.6	6.2	175	127
DM103-G5WA2Q7-LV	5	26240	2	7.1	242	123
DM103-H9WA3Q6-BS	9	12320	3.1	6	447	53
DM103-H9WA4Q7-SS	9	18349	3.5	7	427	90

Anti-glare accessories



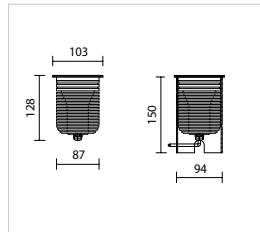
Reflector version



Weight: 1.8KG
 Power: DC24V/AC220V (AC220V only for non-dimmable version)
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM103-F18WA12Q24-LV	18	12802	12	24	1646	726
DM103-F18WA17Q30-LV	18	9157	17	30	1602	869
DM103-F18WA20Q35-LV	18	8682	20	35	1569	1114
DM103-F18WA30Q46-LV	18	5149	30	46	1542	1300
DM103-F18WA48Q70-LV	18	1583	48	70	1481	921

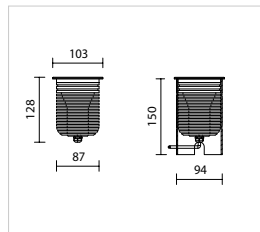
Reflector wall washer



Weight: 1.8KG
 Power: DC24V/AC220V (AC220V only for non-dimmable version)
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

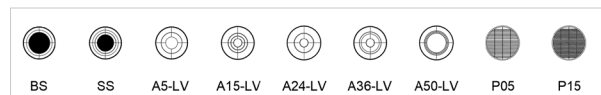
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM103-F12WP15W	12	582	44*72:P15	88*140:P15	587	587
DM103-F12WP15H	12	2687	32*54:P15	45*90:P15	1001	1001
DM103-F12WP15HW	12	726	30*63:P15	80*160:P15	426	426

Lens wall washer



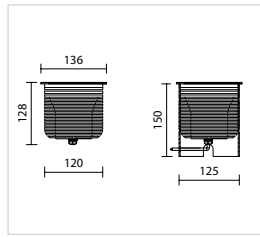
Weight: 1.8KG
 Power: DC24V/AC220V (AC220V only for non-dimmable version)
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM103-18WP05	18	3642	22*24:P5	50*49:P5	1006	1006
DM103-18WP20	18	1681	39*52:P20	82*89:P20	943	943
DM103-18WP30	18	948	35*72:P30	119*98:P30	930	930



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Reflector -Ultra narrow beam



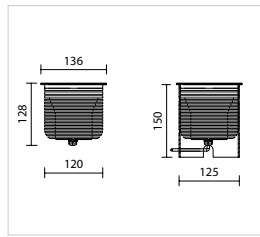
Weight: 2.0KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM136-P12WA3Q5-BS	12	33677	3.1	5.3	672	101
DM136-P12WA3Q6-SS	12	54498	3.2	5.7	672	199

Anti-glare accessories



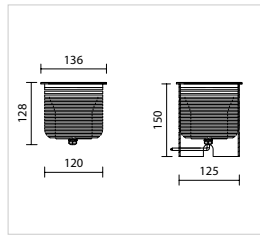
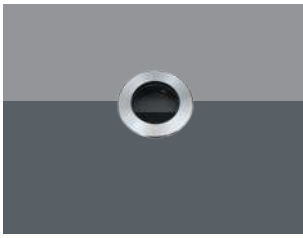
Reflector version



Weight: 2.0KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

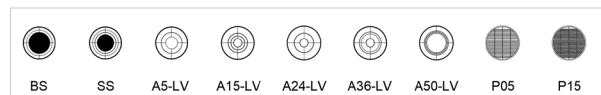
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM136-F16WA8Q16-LV	16	14166	8	16	927	364
DM136-F24WA13Q24-LV	24	11574	13	25	1808	807
DM136-F24WA20Q36-LV	24	9506	20	36	1911	1277.3
DM136-F24WA32Q48-LV	24	4773	32	48	1866	1285
DM136-F24WA49Q68-LV	24	2160	49	68	2868	1233.0
DM136-F24WA8Q16-LV-RGBW	24	9208	8	16	603	237
DM136-F24WA13Q24-LV-RGBW	24	7523	13	25	1175	525
DM136-F24WA20Q36-LV-RGBW	24	6179	20	36	1242	830
DM136-F24WA32Q48-LV-RGBW	24	3102	32	48	1213	835
DM136-F24WA49Q68-LV-RGBW	24	1404	49	68	1864	801
DM136-F24WA1040-LV	24	5836	10°40		1780	890
DM136-F24WA1060-LV	24	3664	10°60		1944	972
DM136-F24WA1460-LV	24	2500	14°60		2088	1044
DM136-F24WA2063-LV	24	1884	20°63		1992	996

Reflector wall washer



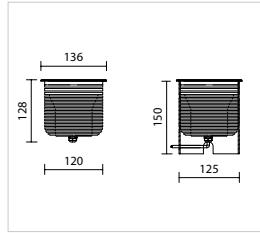
Weight: 2.0KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM136-F16WP15W	16	776	44°72:P15	88°140:P15	784	784
DM136-F24WP15H	24	5375	32°54:P15	45°90:P15	2003	2003
DM136-F24WP15HW	24	1453	30°63:P15	80°160:P15	851	851



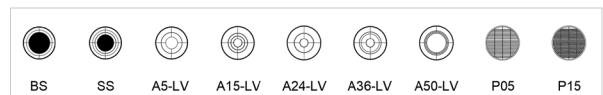
Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Lens version



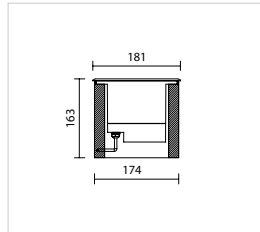
Weight: 2.0KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM136-24WA10-LV	24	14308	9	20	2297	628
DM136-24WA15-LV	24	7524	18	34	2248	904
DM136-24WA24-LV	24	4284	22	40	2250	744
DM136-24WA36-LV	24	3078	39	64	2249	1376
DM136-24WA50-LV	24	1944	51	81	2172	1400
DM136-24WA0520-LV	24	14575	5*20		1849	721
DM136-24WA10-LV-RGBW	24	9300	9	20	1493	408
DM136-24WA15-LV-RGBW	24	4891	18	34	1461	588
DM136-24WA24-LV-RGBW	24	2785	22	40	1463	484
DM136-24WA36-LV-RGBW	24	2001	39	64	1462	894
DM136-24WA50-LV-RGBW	24	1264	51	81	1412	910
DM136-24WA08-P05	24	12960	9	20.5	2260	582
DM136-24WA10-P05	24	11149	13	28	2376	824
DM136-24WA15-P05	24	9482	19	35	2328	1139
DM136-24WA24-P05	24	4300	30	47	2340	1111
DM136-24WA36-P05	24	2753	39*37	54*53	2324	942
DM136-24WA50-P05	24	1534	46*48	64*61	2172	761
DM136-24WA08-P05-RGBW	24	8424	9	20.5	1469	378
DM136-24WA10-P05-RGBW	24	7247	13	28	1544	536
DM136-24WA15-P05-RGBW	24	6163	19	35	1513	740
DM136-24WA24-P05-RGBW	24	2795	30	47	1521	722
DM136-24WA36-P05-RGBW	24	1789	39*37	54*53	1511	612
DM136-24WA50-P05-RGBW	24	997	46*48	64*61	1412	495
DM136-24WA10-P15	24	10332	12	24	2376	689
DM136-24WA15-P15	24	7580	19	33	2328	992
DM136-24WA24-P15	24	4528	28	46	2340	1025
DM136-24WA36-P15	24	3168	38*31	53*52	2324	913
DM136-24WA50-P15	24	1968	50*30	65*60	2172	744
DM136-24WA10-P15-RGBW	24	6716	12	24	1544	448
DM136-24WA15-P15-RGBW	24	4927	19	33	1513	645
DM136-24WA24-P15-RGBW	24	2943	28	46	1521	666
DM136-24WA36-P15-RGBW	24	2059	38*31	53*52	1511	594
DM136-24WA50-P15-RGBW	24	1279	50*30	65*60	1412	484



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Reflector -Ultra narrow beam



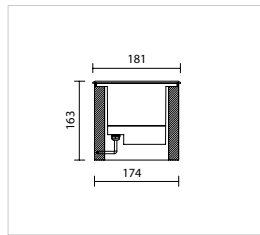
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM180-P21WA3Q5-BS	21	58934	3.1	5.3	1156	178
DM180-P21WA3Q6-SS	21	96800	3.2	5.7	1156	353

Weight: 2.5KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Anti-glare accessories



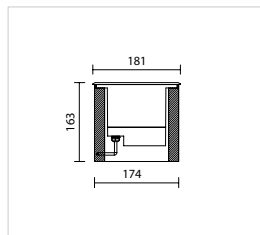
Reflector version



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM180-F24WA11Q21-LV	24	14221	11	22	2075	776
DM180-F24WA16Q29-LV	24	11147	16	29	2124	1043
DM180-F24WA23Q37-LV	24	7631	23	37	2117	1161
DM180-F24WA33Q46-LV	24	4340	33	46	1897	1452
DM180-F24WA49Q77-LV	24	2243	49	77	2177	1452
DM180-F24WA11Q21-LV-RGBW	24	9244	11	22	1349	504
DM180-F24WA16Q29-LV-RGBW	24	7246	16	29	1381	678
DM180-F24WA23Q37-LV-RGBW	24	4960	23	37	1376	755
DM180-F24WA33Q46-LV-RGBW	24	2821	33	46	1233	944
DM180-F24WA49Q77-LV-RGBW	24	1458	49	77	1415	944
DM180-F24WA1040-LV	24	5836	10°40		1780	890
DM180-F24WA1060-LV	24	3664	10°60		1944	972
DM180-F24WA1460-LV	24	2500	14°60		2088	1044
DM180-F24WA2063-LV	24	1884	20°63		1992	996

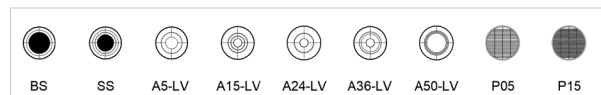
Weight: 2.5KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Reflector wall washer



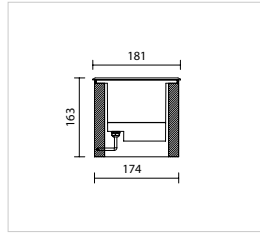
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM180-F20WP15W	20	971	44°72:P15	88°140:P15	980	980
DM180-F24WP15H	24	5375	32°54:P15	45°90:P15	2003	2003
DM180-F24WP15HW	24	1453	30°63:P15	80°160:P15	852	851

Weight: 2.5KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

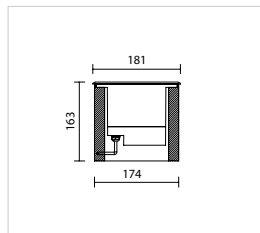
Lens version



Weight: 2.5KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

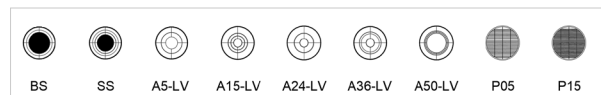
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM180-24WA10-LV	24	14310	9	20	2296	628
DM180-24WA15-LV	24	7524	18	34	2250	904
DM180-24WA24-LV	24	4284	22	40	2250	745
DM180-24WA36-LV	24	3078	39	64	2249	1377
DM180-24WA50-LV	24	1944	51	81	2172	1377
DM180-24WA0520-LV	24	14575	5*20		1849	721
DM180-24WA10-LV-RGBW	24	9302	9	20	1492	408
DM180-24WA15-LV-RGBW	24	4891	18	34	1463	588
DM180-24WA24-LV-RGBW	24	2785	22	40	1463	484
DM180-24WA36-LV-RGBW	24	2001	39	64	1462	895
DM180-24WA50-LV-RGBW	24	1264	51	81	1412	895
DM180-24WA08-P05	24	12960	9	20.5	2260	582
DM180-24WA10-P05	24	11149	13	28	2376	824
DM180-24WA15-P05	24	9482	19	35	2328	1139
DM180-24WA24-P05	24	4300	30	47	2340	1111
DM180-24WA36-P05	24	2753	39*37	54*53	2324	942
DM180-24WA50-P05	24	1534	46*48	64*61	2172	761
DM180-24WA10-P05-RGBW	24	7247	13	28	1544	536
DM180-24WA15-P05-RGBW	24	6163	19	35	1513	740
DM180-24WA24-P05-RGBW	24	2795	30	47	1521	722
DM180-24WA36-P05-RGBW	24	1789	39*37	54*53	1511	612
DM180-24WA50-P05-RGBW	24	997	46*48	64*61	1412	495
DM180-24WA10-P15	24	10332	12	24	2376	689
DM180-24WA15-P15	24	7580	19	33	2328	995
DM180-24WA24-P15	24	4528	28	46	2340	1025
DM180-24WA36-P15	24	3168	38*31	53*52	2324	913
DM180-24WA50-P15	24	1848	50*30	65*60	2172	744
DM180-24WA10-P15-RGBW	24	6716	12	24	1544	448
DM180-24WA15-P15-RGBW	24	4927	19	33	1513	647
DM180-24WA24-P15-RGBW	24	2943	28	46	1521	666
DM180-24WA36-P15-RGBW	24	2059	38*31	53*52	1511	594
DM180-24WA50-P15-RGBW	24	1201	50*30	65*60	1412	484

Lens wall washer



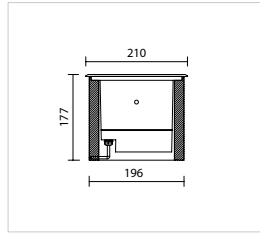
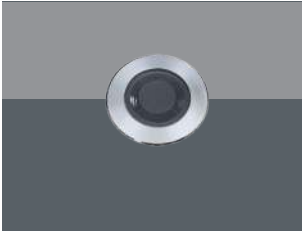
Weight: 2.5KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM180-30WP05	30	5829	22*24:P5	50*49:P5	1575	1575
DM180-30WP20	30	2048	39*52:P20	82*89:P20	1529	1529
DM180-30WP30	30	1575	35*72:P30	119*98:P30	1507	1507



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Reflector -Ultra narrow beam



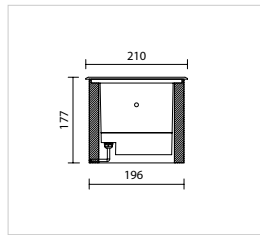
Weight: 3.4KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM210-P27WA3Q5-BS	27	77056	3.1	5.3	1512	232
DM210-P27WA3Q6-SS	27	122703	3.2	5.7	1512	448

Anti-glare accessories



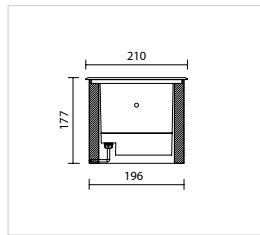
Reflector version



Weight: 3.4KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

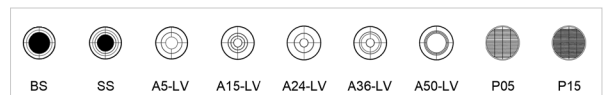
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM210-F36WA11Q21-LV	36	21780	11	22	3180	1189
DM210-F36WA16Q29-LV	36	15987	16	29	3046	1497
DM210-F36WA23Q37-LV	36	10988	23	37	3048	1742
DM210-F36WA33Q46-LV	36	7260	33	46	2845	2178
DM210-F36WA49Q77-LV	36	3365	49	77	3265	2178
DM210-F36WA11Q21-LV-RGBW	36	14157	11	22	2067	773
DM210-F36WA16Q29-LV-RGBW	36	10392	16	29	1980	973
DM210-F36WA23Q37-LV-RGBW	36	7142	23	37	1981	1132
DM210-F36WA33Q46-LV-RGBW	36	4719	33	46	1849	1416
DM210-F36WA49Q77-LV-RGBW	36	2187	49	77	2122	1416
DM210-F36WA1040-LV	36	8755	10*40		2670	1335
DM210-F36WA1060-LV	36	5496	10*60		2916	1458
DM210-F36WA1460-LV	36	3750	14*60		3132	1566
DM210-F36WA2063-LV	36	2826	20*63		2988	1494

Reflector wall washer



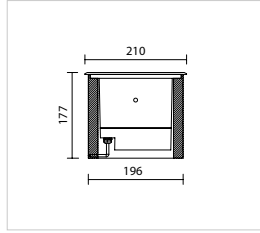
Weight: 3.4KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM210-F24WP15W	24	1164	44*72:P15	88*140:P15	1175	1175
DM210-F36WP15H	36	8058	32*54:P15	45*90:P15	3003	3003
DM210-F36WP15HW	36	2179	30*63:P15	80*160:P15	1277	1277



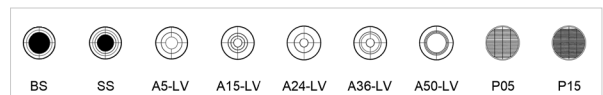
Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Lens version



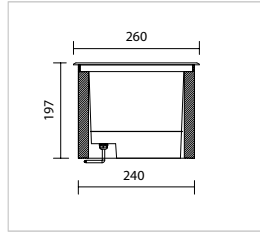
Weight: 3.4KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM210-36WA10-LV	36	21465	9	20	3445	942
DM210-36WA15-LV	36	11286	18	34	3375	1356
DM210-36WA24-LV	36	6426	22	40	3375	1117
DM210-36WA36-LV	36	4617	39	64	3374	2066
DM210-36WA50-LV	36	2916	51	81	3258	2066
DM210-36WA0520-LV	36	21864	5*20		2772	1081
DM210-36WA10-LV-RGBW	36	13952	9	20	2239	612
DM210-36WA15-LV-RGBW	36	7336	18	34	2194	881
DM210-36WA24-LV-RGBW	36	4177	22	40	2194	726
DM210-36WA36-LV-RGBW	36	3001	39	64	2193	1343
DM210-36WA50-LV-RGBW	36	1895	51	81	2118	1343
DM210-36WA08-P05	36	19940	9	20.5	3390	873
DM210-36WA10-P05	36	16724	13	28	3664	1237
DM210-36WA15-P05	36	14223	19	35	3492	1708
DM210-36WA24-P05	36	6450	30	47	3510	1667
DM210-36WA36-P05	36	4128	39*37	54*53	3486	1412
DM210-36WA50-P05	36	2302	46*48	64*61	3258	1141
DM210-36WA08-P05-RGBW	36	12961	9	20.5	2204	567
DM210-36WA10-P05-RGBW	36	10871	13	28	2317	804
DM210-36WA15-P05-RGBW	36	9245	19	35	2270	1110
DM210-36WA24-P05-RGBW	36	4193	30	47	2282	1084
DM210-36WA36-P05-RGBW	36	2683	39*37	54*53	2266	918
DM210-36WA50-P05-RGBW	36	1496	46*48	64*61	2118	742
DM210-36WA10-P15	36	15498	12	24	3664	1034
DM210-36WA15-P15	36	11370	19	33	3492	1488
DM210-36WA24-P15	36	6792	28	46	3510	1537
DM210-36WA36-P15	36	4752	38*31	53*52	3486	1370
DM210-36WA50-P15	36	2952	50*30	65*60	3258	1116
DM210-36WA10-P15-RGBW	36	10074	12	24	2317	672
DM210-36WA15-P15-RGBW	36	7391	19	33	2270	967
DM210-36WA24-P15-RGBW	36	4415	28	46	2282	999
DM210-36WA36-P15-RGBW	36	3089	38*31	53*52	2266	890
DM210-36WA50-P15-RGBW	36	1919	50*30	65*60	2118	725



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

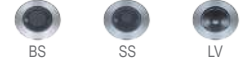
Reflector -Ultra narrow beam



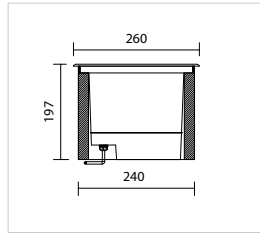
Weight: 5.1KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off - dimmable DMX512/0-10V driver

CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM260-P45WA3Q5-BS	45	128426	3.1	5.3	2520	387
DM260-P45WA3Q6-SS	45	204509	3.2	5.7	2520	747

Anti-glare accessories



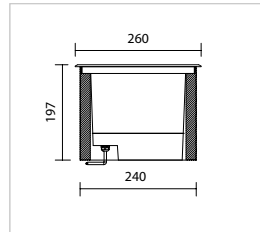
Reflector version



Weight: 5.1KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off - dimmable DMX512/0-10V driver

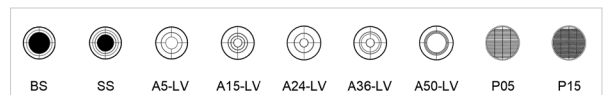
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM260-F48WA12Q24-LV	48	34138	12	24	4368	1936
DM260-F48WA17Q30-LV	48	24816	17	30	4272	2355
DM260-F48WA20Q35-LV	48	23182	20	35	4189	2975
DM260-F48WA30Q46-LV	48	13929	30	46	4113	3468
DM260-F48WA48Q70-LV	48	4221	48	70	3949	2456
DM260-F48WA12Q24-LV-RGBW	48	22190	12	24	2839	1258
DM260-F48WA17Q30-LV-RGBW	48	16130	17	30	2777	1531
DM260-F48WA20Q35-LV-RGBW	48	15068	20	35	2723	1934
DM260-F48WA30Q46-LV-RGBW	48	9054	30	46	2673	2254
DM260-F48WA48Q70-LV-RGBW	48	2744	48	70	2567	1596
DM260-F48WA1040-LV	48	11672	10°40		3560	1780
DM260-F48WA1060-LV	48	7328	10°60		3888	1944
DM260-F48WA1460-LV	48	5000	14°60		4176	2088
DM260-F48WA2063-LV	48	3768	20°63		3984	1992

Reflector wall washer



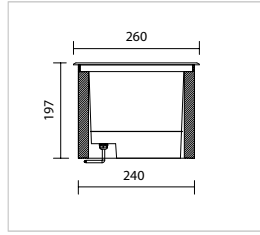
Weight: 5.1KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off - dimmable DMX512/0-10V driver

CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM260-F32WP15W	32	1553	44°72:P15	88°140:P15	1568	1568
DM260-F48WP15H	48	10749	32°54:P15	45°90:P15	4006	4006
DM260-F48WP15HW	48	2906	30°63:P15	80°160:P15	1703	1703



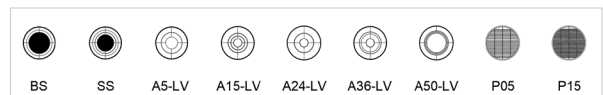
Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Lens version



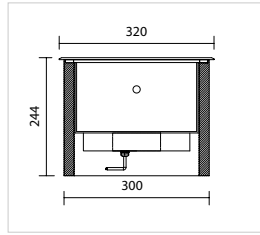
Weight: 5.1KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM260-48WA10-LV	48	28616	9	20	4594	1256
DM260-48WA15-LV	48	15048	18	34	4496	1808
DM260-48WA24-LV	48	8568	22	40	4500.8	1488
DM260-48WA36-LV	48	6156	39	64	4499.2	2752
DM260-48WA50-LV	48	3888	51	81	4344	2800
DM260-48WA0520-LV	48	29152	5°20		3695	1441
DM260-48WA10-LV-RGBW	48	18600	9	20	2986	816
DM260-48WA15-LV-RGBW	48	9781	18	34	2922	1175
DM260-48WA24-LV-RGBW	48	5569	22	40	2926	967
DM260-48WA36-LV-RGBW	48	4001	39	64	2924	1789
DM260-48WA50-LV-RGBW	48	2527	51	81	2824	1820
DM260-48WA08-P05	48	25920	9	20.5	4520	1163
DM260-48WA10-P05	48	22298	13	28	4752	1649
DM260-48WA15-P05	48	18964	19	35	4656	2277
DM260-48WA24-P05	48	8599	30	47	4680	2222
DM260-48WA36-P05	48	5504	39°37	54°53	4648	1883
DM260-48WA50-P05	48	3069	46°48	64°61	4344	1521
DM260-48WA08-P05-RGBW	48	16848	9	20.5	2938	756
DM260-48WA10-P05-RGBW	48	14494	13	28	3089	1072
DM260-48WA15-P05-RGBW	48	12327	19	35	3026	1480
DM260-48WA24-P05-RGBW	48	5589	30	47	3042	1444
DM260-48WA36-P05-RGBW	48	3578	39°37	54°53	3021	1224
DM260-48WA50-P05-RGBW	48	1995	46°48	64°61	2824	989
DM260-48WA10-P15	48	20664	12	24	4752	1378.4
DM260-48WA15-P15	48	15160	19	33	4656	1984
DM260-48WA24-P15	48	9056	28	46	4680	2049.6
DM260-48WA36-P15	48	6336	38°31	53°52	4648	1826.4
DM260-48WA50-P15	48	3936	50°30	65°60	4344	1488
DM260-48WA10-P15-RGBW	48	13432	12	24	3089	896
DM260-48WA15-P15-RGBW	48	9854	19	33	3026	1290
DM260-48WA24-P15-RGBW	48	5886	28	46	3042	1332
DM260-48WA36-P15-RGBW	48	4118	38°31	53°52	3021	1187
DM260-48WA50-P15-RGBW	48	2558	50°30	65°60	2824	967



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Reflector -Ultra narrow beam



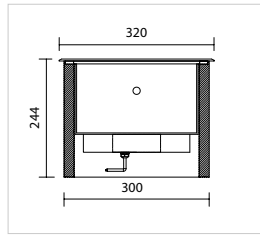
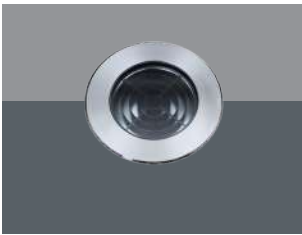
Weight: 6.8KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM320-P84WA3Q5-BS	84	239736	3.1	5.3	4704	722
DM320-P84WA3Q6-SS	84	381740	3.2	5.7	4704	1394

Anti-glare accessories



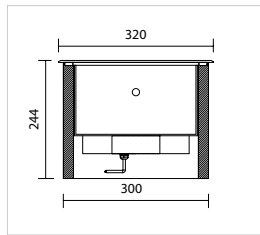
Reflector version



Weight: 6.8KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

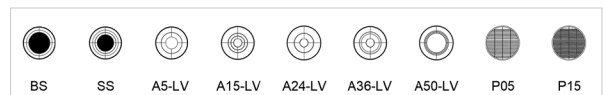
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM320-F84WA12Q24-LV	84	59429	12	24	7644	3371
DM320-F84WA17Q30-LV	84	43458	17	30	7476	4123
DM320-F84WA20Q35-LV	84	40913	20	35	7330	5272
DM320-F84WA30Q46-LV	84	24376	30	46	7197	6068
DM320-F84WA48Q70-LV	84	7815	48	70	6910	4548
DM320-F84WA12Q24-LV-RGBW	84	38629	12	24	4969	2191
DM320-F84WA17Q30-LV-RGBW	84	28248	17	30	4859	2680
DM320-F84WA20Q35-LV-RGBW	84	26593	20	35	4765	3427
DM320-F84WA30Q46-LV-RGBW	84	15844	30	46	4678	3944
DM320-F84WA48Q70-LV-RGBW	84	5080	48	70	4492	2956
DM320-F84WA1040-LV	84	20426	10*40		6230	3115
DM320-F84WA1060-LV	84	12824	10*60		6804	3402
DM320-F84WA1460-LV	84	8750	14*60		7308	3654
DM320-F84WA2063-LV	84	6594	20*63		6972	3486

Reflector wall washer



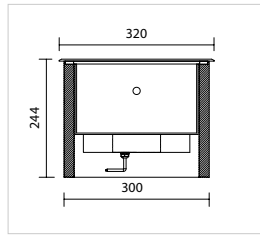
Weight: 6.8KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM320-F40WP15W	40	1940	44*72:P15	88*140:P15	1960	1960
DM320-F60WP15H	60	11437	32*54:P15	45*90:P15	5007	5007
DM320-F60WP15HW	60	3634	30*63:P15	80*160:P15	2130	2130



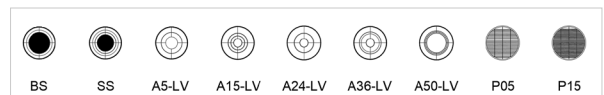
Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Lens version



Weight: 6.8KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
DM320-84WA10-LV	84	50085	9	20	8038	2192
DM320-84WA15-LV	84	26334	18	34	7876	3165
DM320-84WA24-LV	84	14994	22	40	7876	2606
DM320-84WA36-LV	84	10773	39	64	7873	4820
DM320-84WA50-LV	84	6804	51	81	7602	4895
DM320-84WA0520-LV	84	51016	5°20		6469	2523
DM320-84WA10-LV-RGBW	84	32555	9	20	5225	1425
DM320-84WA15-LV-RGBW	84	17117	18	34	5119	2057
DM320-84WA24-LV-RGBW	84	9746	22	40	5119	1694
DM320-84WA36-LV-RGBW	84	7002	39	64	5117	3133
DM320-84WA50-LV-RGBW	84	4423	51	81	4941	3182
DM320-84WA08-P05	84	45360	9	20.5	7910	2036
DM320-84WA10-P05	84	39022	13	28	8316	2886
DM320-84WA15-P05	84	33186	19	35	8148	3985
DM320-84WA24-P05	84	15049	30	47	8190	3889
DM320-84WA36-P05	84	9632	39°37	54°53	8134	3295
DM320-84WA50-P05	84	5371	46°48	64°61	7602	2663
DM320-84WA08-P05-RGBW	84	29484	9	20.5	5142	1323
DM320-84WA10-P05-RGBW	84	25364	13	28	5405	1876
DM320-84WA15-P05-RGBW	84	21571	19	35	5296	2590
DM320-84WA24-P05-RGBW	84	9782	30	47	5324	2528
DM320-84WA36-P05-RGBW	84	6261	39°37	54°53	5287	2142
DM320-84WA50-P05-RGBW	84	3491	46°48	64°61	4941	1731
DM320-84WA10-P15	84	36162	12	24	8316	2412
DM320-84WA15-P15	84	26530	19	33	8148	3472
DM320-84WA24-P15	84	15848	28	46	8190	3587
DM320-84WA36-P15	84	11088	38°31	53°52	8134	3196
DM320-84WA50-P15	84	6888	50°30	65°60	7602	2604
DM320-84WA10-P15-RGBW	84	23505	12	24	5405	1568
DM320-84WA15-P15-RGBW	84	17245	19	33	5296	2257
DM320-84WA24-P15-RGBW	84	10301	28	46	5324	2331
DM320-84WA36-P15-RGBW	84	7207	38°31	53°52	5287	2078
DM320-84WA50-P15-RGBW	84	4477	50°30	65°60	4941	1693



Light output value base on 3000K ;
 Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.