

BAL Light
Begins
Here

Aiming adjustable In-ground light

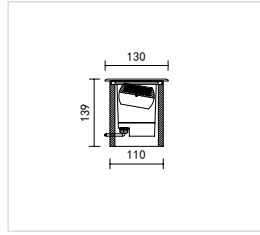
Anti-glare reflector optics design

Anti-glare lens optics design





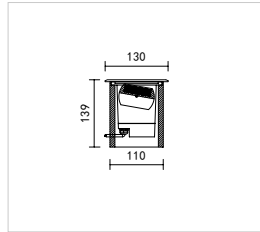
Adjustable reflector version , Adjust from side



| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|---------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM136-TF6WA20Q37-LV | 6 | 1608 | 20 | 37 | 588 | 239 |
| DM136-TF6WA38Q64-LV | 6 | 852 | 38 | 64 | 590 | 368 |
| DM136-TF6WA66Q77-LV | 6 | 684 | 66 | 77 | 716 | 550 |

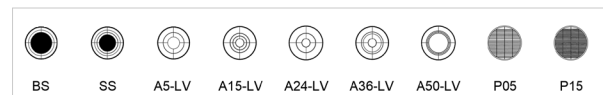
Weight: 1.9KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

Adjustable lens version , Adjust from side



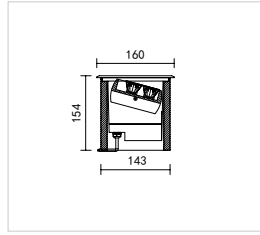
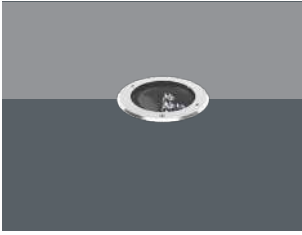
| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM136-T6WA10-LV | 6 | 3577 | 9 | 20 | 574 | 157 |
| DM136-T6WA15-LV | 6 | 1881 | 18 | 34 | 562 | 226 |
| DM136-T6WA24-LV | 6 | 1071 | 22 | 40 | 562 | 186 |
| DM136-T6WA36-LV | 6 | 769 | 39 | 64 | 562 | 344 |
| DM136-T6WA50-LV | 6 | 486 | 51 | 81 | 543 | 350 |
| DM136-T6WA10-LV-RGBW | 6 | 2325 | 9 | 20 | 373 | 102 |
| DM136-T6WA15-LV-RGBW | 6 | 1222 | 18 | 34 | 365 | 146 |
| DM136-T6WA24-LV-RGBW | 6 | 696 | 22 | 40 | 365 | 120 |
| DM136-T6WA36-LV-RGBW | 6 | 499 | 39 | 64 | 365 | 223 |
| DM136-T6WA50-LV-RGBW | 6 | 315 | 51 | 81 | 352 | 227 |

Weight: 1.9KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 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%.

Adjustable reflector version , Adjust from side



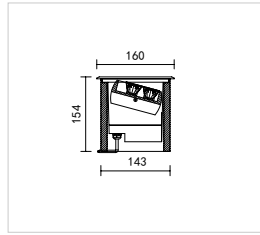
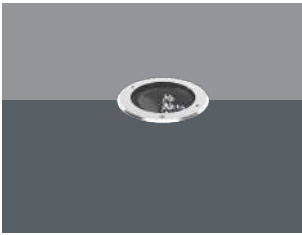
Weight: 2.3KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM160-TP9WA3Q7-BS | 9 | 9855 | 3.2 | 7.1 | 465 | 48 |
| DM160-TP9WA4Q10-SS | 9 | 13764 | 4.2 | 9.7 | 465 | 123 |
| DM160-TF12WA20Q37-LV | 12 | 3215 | 20 | 37 | 1174 | 479 |
| DM160-TF12WA38Q64-LV | 12 | 1702 | 38 | 64 | 1181 | 735 |
| DM160-TF12WA66Q77-LV | 12 | 1367 | 66 | 77 | 1433 | 1099 |

Anti-glare accessories



Adjustable lens version , Adjust from side



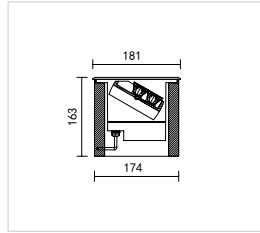
Weight: 2.3KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|-----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM160-T12WA10-LV | 12 | 7154 | 9 | 20 | 1148 | 314 |
| DM160-T12WA15-LV | 12 | 3762 | 18 | 34 | 1124 | 452 |
| DM160-T12WA24-LV | 12 | 2142 | 22 | 40 | 1124 | 372 |
| DM160-T12WA36-LV | 12 | 1538 | 39 | 64 | 1124 | 688 |
| DM160-T12WA50-LV | 12 | 972 | 51 | 81 | 1086 | 700 |
| DM160-T12WA10-LV-RGBW | 12 | 4650 | 9 | 20 | 746 | 204 |
| DM160-T12WA15-LV-RGBW | 12 | 2445 | 18 | 34 | 730 | 293 |
| DM160-T12WA24-LV-RGBW | 12 | 1392 | 22 | 40 | 730 | 241 |
| DM160-T12WA36-LV-RGBW | 12 | 999 | 39 | 64 | 730 | 447 |
| DM160-T12WA50-LV-RGBW | 12 | 631 | 51 | 81 | 705 | 455 |



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%.

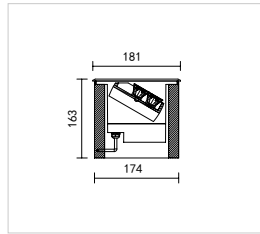
Adjustable reflector version , Adjust from top



| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM180-TP12A3Q7-BS | 12 | 18352 | 3.2 | 7.1 | 620 | 165.2 |
| DM180-TP12A4Q10-SS | 12 | 7456 | 4.2 | 9.7 | 620 | 192 |
| DM180-TF15WA20Q37-LV | 15 | 3994 | 20 | 37 | 1475 | 594 |
| DM180-TF15WA38Q64-LV | 15 | 2115 | 38 | 64 | 1475 | 913 |
| DM180-TF15WA66Q77-LV | 15 | 1699 | 66 | 77 | 1767 | 1365 |

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

Adjustable lens version , Adjust from top



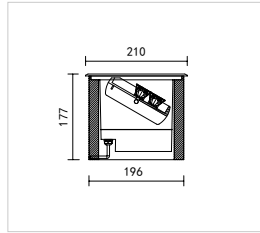
| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|-----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM180-T15WA10-LV | 15 | 8943 | 9 | 20 | 1435 | 391 |
| DM180-T15WA15-LV | 15 | 4702 | 18 | 34 | 1406 | 565 |
| DM180-T15WA24-LV | 15 | 2677 | 22 | 40 | 1406 | 465 |
| DM180-T15WA36-LV | 15 | 1923 | 39 | 64 | 1406 | 861 |
| DM180-T15WA50-LV | 15 | 1215 | 51 | 81 | 1357 | 874 |
| DM180-T15WA10-LV-RGBW | 15 | 5812 | 9 | 20 | 932 | 254 |
| DM180-T15WA15-LV-RGBW | 15 | 3056 | 18 | 34 | 913 | 367 |
| DM180-T15WA24-LV-RGBW | 15 | 1740 | 22 | 40 | 913 | 302 |
| DM180-T15WA36-LV-RGBW | 15 | 1249 | 39 | 64 | 913 | 559 |
| DM180-T15WA50-LV-RGBW | 15 | 789 | 51 | 81 | 882 | 568 |

Weight: 2.5KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 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%.

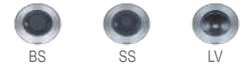
Adjustable reflector version , Adjust from top



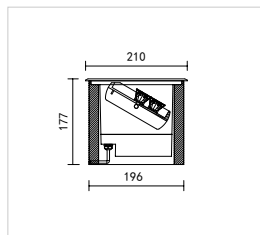
Weight: 3.4KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off - dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|---------------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM210-TP15WA3Q5-BS | 15 | 42096 | 3 | 5 | 840 | 126 |
| DM210-TP15WA3Q6-SS | 15 | 68123 | 3 | 6 | 840 | 249 |
| DM210-TF20WA8Q16-LV | 20 | 17707 | 8 | 16 | 1159 | 456 |
| DM210-TF24WA15Q28-LV | 24 | 11340 | 15 | 28 | 2381 | 899 |
| DM210-TF24WA19Q35-LV | 24 | 8583 | 19 | 35 | 2381 | 1084 |
| DM210-TF24WA37Q58-LV | 24 | 3808 | 37 | 58 | 2381 | 1449 |
| DM210-TF24WA49Q68-LV | 24 | 2160 | 49 | 68 | 2526 | 1233 |
| DM210-TF24WA8Q16-LV-RGBW | 24 | 11510 | 8 | 16 | 753 | 296 |
| DM210-TF24WA15Q28-LV-RGBW | 24 | 7371 | 15 | 28 | 1548 | 584 |
| DM210-TF24WA19Q35-LV-RGBW | 24 | 5579 | 19 | 35 | 1548 | 705 |
| DM210-TF24WA37Q58-LV-RGBW | 24 | 2475 | 37 | 58 | 1548 | 942 |
| DM210-TF24WA49Q68-LV-RGBW | 24 | 1404 | 49 | 68 | 1642 | 801 |

Anti-glare accessories

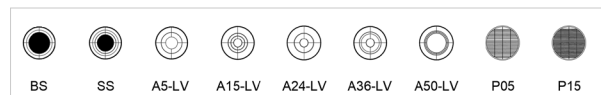


Adjustable lens version , Adjust from top



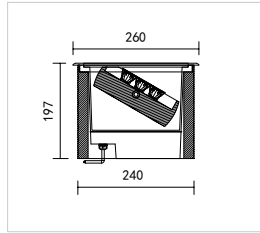
Weight: 3.4KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off - dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|-----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM210-T24WA10-LV | 24 | 14308 | 9 | 21 | 2297 | 628 |
| DM210-T24WA15-LV | 24 | 7524 | 18 | 34 | 2248 | 904 |
| DM210-T24WA24-LV | 24 | 4284 | 22 | 41 | 2250 | 744 |
| DM210-T24WA36-LV | 24 | 3078 | 39 | 64 | 2250 | 1376 |
| DM210-T24WA50-LV | 24 | 1944 | 51 | 81 | 2172 | 1400 |
| DM210-T24WA10-LV-RGBW | 24 | 9300 | 9 | 21 | 1493 | 408 |
| DM210-T24WA15-LV-RGBW | 24 | 4891 | 18 | 34 | 1461 | 588 |
| DM210-T24WA24-LV-RGBW | 24 | 2785 | 22 | 41 | 1463 | 484 |
| DM210-T24WA36-LV-RGBW | 24 | 2001 | 39 | 64 | 1462 | 894 |
| DM210-T24WA50-LV-RGBW | 24 | 1264 | 51 | 81 | 1412 | 910 |



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%.

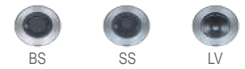
Adjustable reflector version , Adjust from top



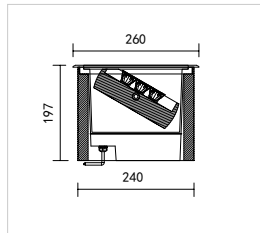
Weight: 5.1KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|---------------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM260-TP30WA3Q5-BS | 30 | 85620 | 3 | 5 | 1680 | 258 |
| DM260-TP30WA3Q6-SS | 30 | 136336 | 3 | 6 | 1680 | 498 |
| DM260-TF36WA8Q16-LV | 36 | 31873 | 8 | 16 | 2086 | 820 |
| DM260-TF36WA15Q28-LV | 36 | 17010 | 15 | 28 | 3572 | 1349 |
| DM260-TF36WA19Q35-LV | 36 | 12875 | 19 | 35 | 3572 | 1626 |
| DM260-TF36WA37Q58-LV | 36 | 5712 | 37 | 58 | 3572 | 2174 |
| DM260-TF36WA49Q68-LV | 36 | 3240 | 49 | 68 | 3789 | 1850 |
| DM260-TF36WA8Q16-LV-RGBW | 36 | 20717 | 8 | 16 | 1356 | 533 |
| DM260-TF36WA15Q28-LV-RGBW | 36 | 11057 | 15 | 28 | 2321 | 877 |
| DM260-TF36WA19Q35-LV-RGBW | 36 | 8368 | 19 | 35 | 2321 | 1057 |
| DM260-TF36WA37Q58-LV-RGBW | 36 | 3713 | 37 | 58 | 2321 | 1413 |
| DM260-TF36WA49Q68-LV-RGBW | 36 | 2106 | 49 | 68 | 2463 | 1202 |

Anti-glare accessories

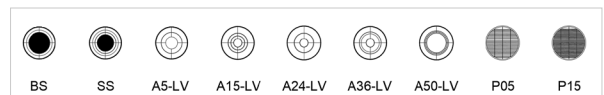


Adjustable lens version , Adjust from top



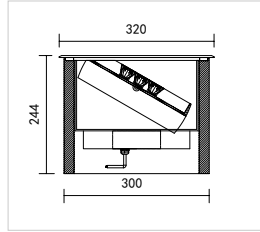
Weight: 5.1KG
 Power: DC24V/AC220V
 Color temperature: Monochrome
 Driver: Build-in on/off, dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|-----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM260-T36WA10-LV | 36 | 21462 | 9 | 21 | 3445 | 942 |
| DM260-T36WA15-LV | 36 | 11286 | 18 | 34 | 3372 | 1356 |
| DM260-T36WA24-LV | 36 | 6426 | 22 | 41 | 3376 | 1116 |
| DM260-T36WA36-LV | 36 | 4617 | 39 | 64 | 3374 | 2064 |
| DM260-T36WA50-LV | 36 | 2916 | 51 | 81 | 3258 | 2100 |
| DM260-T36WA10-LV-RGBW | 36 | 13950 | 9 | 21 | 2239 | 612 |
| DM260-T36WA15-LV-RGBW | 36 | 7336 | 18 | 34 | 2192 | 881 |
| DM260-T36WA24-LV-RGBW | 36 | 4177 | 22 | 41 | 2194 | 725 |
| DM260-T36WA36-LV-RGBW | 36 | 3001 | 39 | 64 | 2193 | 1342 |
| DM260-T36WA50-LV-RGBW | 36 | 1895 | 51 | 81 | 2118 | 1365 |



Light output value base on 3000K ;
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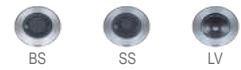
Adjustable reflector version , Adjust from top



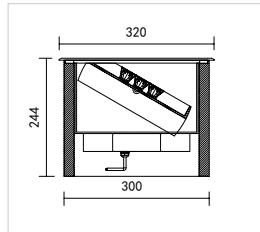
Weight: 6.8KG
 Power: DC24V/AC220V
 Color temperature: Monochrome/RGB/RGBW
 Driver: Build-in on/off - dimmable DMX512/0-10V driver

| CODE | WATT (W) | Idensity (cd) | FWHM (°) | FA (°) | Without LOUVER (lm) | With LOUVER (lm) |
|---------------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM320-TP48WA3Q5-BS | 48 | 136992 | 3 | 5 | 2688 | 413 |
| DM320-TP48WA3Q6-SS | 48 | 218137 | 3 | 6 | 2688 | 797 |
| DM320-TF54WA8Q16-LV | 54 | 49581 | 8 | 16 | 3245 | 1275 |
| DM320-TF54WA15Q28-LV | 54 | 25510 | 15 | 27.9 | 5555 | 2097 |
| DM320-TF54WA19Q35-LV | 54 | 19308 | 19.1 | 35.3 | 5555 | 2528 |
| DM320-TF54WA37Q58-LV | 54 | 8567 | 36.7 | 57.9 | 5555 | 3380 |
| DM320-TF54WA49Q68-LV | 54 | 4859 | 49 | 68 | 5893 | 2876 |
| DM320-TF54WA8Q16-LV-RGBW | 54 | 32228 | 8 | 16 | 2109 | 829 |
| DM320-TF54WA15Q28-LV-RGBW | 54 | 16582 | 15 | 27.9 | 3611 | 1363 |
| DM320-TF54WA19Q35-LV-RGBW | 54 | 12550 | 19.1 | 35.3 | 3611 | 1643 |
| DM320-TF54WA37Q58-LV-RGBW | 54 | 5569 | 36.7 | 57.9 | 3611 | 2197 |
| DM320-TF54WA49Q68-LV-RGBW | 54 | 3158 | 49 | 68 | 3830 | 1869 |

Anti-glare accessories

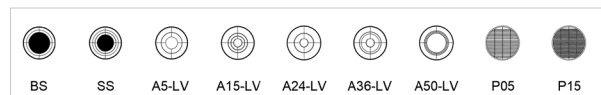


Adjustable lens version , Adjust from top



Weight: 6.8KG
 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) |
|-----------------------|----------|---------------|----------|--------|---------------------|------------------|
| DM320-T54WA10-LV | 54 | 32193 | 9 | 20 | 5167 | 1413 |
| DM320-T54WA15-LV | 54 | 16929 | 18 | 34 | 5058 | 2034 |
| DM320-T54WA24-LV | 54 | 9639 | 22 | 40 | 5063 | 1674 |
| DM320-T54WA36-LV | 54 | 6925 | 39 | 64 | 5061 | 3096 |
| DM320-T54WA50-LV | 54 | 4374 | 51 | 81 | 4887 | 3150 |
| DM320-T54WA10-LV-RGBW | 54 | 20925 | 9 | 20 | 3359 | 918 |
| DM320-T54WA15-LV-RGBW | 54 | 11003 | 18 | 34 | 3287 | 1322 |
| DM320-T54WA24-LV-RGBW | 54 | 6265 | 22 | 40 | 3291 | 1088 |
| DM320-T54WA36-LV-RGBW | 54 | 4501 | 39 | 64 | 3290 | 2012 |
| DM320-T54WA50-LV-RGBW | 54 | 2843 | 51 | 81 | 3176 | 2047 |



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%.