

# Modular International, Inc.



50mm, 70mm,  
and 90mm LED  
modules available  
with filter rings,  
shielding cylinders,  
and filter media.



# Modular Multiples®

The Original Multiple Light Family of Fixtures



## Available 50mm LED Modules



| Model Number | Watts | Beam Angle | CRI | Delivered Lumens | Lumens per watt | Tested K-Temp <sup>1</sup> |
|--------------|-------|------------|-----|------------------|-----------------|----------------------------|
| LEDDW-506-17 | 6.1   | 17°        | 90+ | 482              | 79              | 3000K                      |
| LEDDW-506-30 | 6.1   | 30°        | 90+ | 481              | 78              | 3000K                      |
| LEDDW-506-40 | 6.1   | 40°        | 90+ | 475              | 79              | 3000K                      |
| LEDDW-506-55 | 6.1   | 55°        | 90+ | 426              | 79              | 3000K                      |
| LEDDW-508-17 | 7.9   | 17°        | 90+ | 668              | 85              | 3000K                      |
| LEDDW-508-30 | 7.9   | 30°        | 90+ | 671              | 85              | 3000K                      |
| LEDDW-508-40 | 8     | 40°        | 90+ | 666              | 83              | 3000K                      |
| LEDDW-508-55 | 8     | 55°        | 90+ | 601              | 75              | 3000K                      |
| LEDDW-510-17 | 10    | 17°        | 90+ | 856              | 76              | 3000K                      |
| LEDDW-510-30 | 10    | 30°        | 90+ | 852              | 84              | 3000K                      |
| LEDDW-510-40 | 10    | 40°        | 90+ | 843              | 85              | 3000K                      |
| LEDDW-510-55 | 10    | 55°        | 90+ | 763              | 85              | 3000K                      |
| LEDDW-511-17 | 11.9  | 17°        | 90+ | 1,015            | 85              | 3000K                      |
| LEDDW-511-30 | 11.9  | 30°        | 90+ | 1,021            | 86              | 3000K                      |
| LEDDW-511-40 | 11.9  | 40°        | 90+ | 1,016            | 85              | 3000K                      |
| LEDDW-511-55 | 11.9  | 55°        | 90+ | 918              | 77              | 3000K                      |

- Filter Ring (-FR) addition produces a light loss factor of 10-12% prior to filter media being added. Consult factory for .ies files and final output data when specifying filter media.

- Shielding Cylinder (-CY) addition produces a light loss factor of 20-22% prior to filter media being added. Consult factory for .ies files and final output data when specifying filter media.

- L70 reported at 85°C = > 55,000 hours (L70B50 calculated) 200,000 hours.

- L80 reported at 85°C = > 55,000 hours (L80B50 calculated) 123,000 hours.

- L90 reported at 85°C = > 55,000 hours (L90B50 calculated) 56,000 hours.

| Lumen Maintenance |         |                    |                    |                    |
|-------------------|---------|--------------------|--------------------|--------------------|
| Ambient Temp.     | TM-21   | L70 hours Reported | L80 hours Reported | L90 hours Reported |
| 25°C              | > 90.98 | > 55,000           | > 55,000           | > 55,000           |

Please consult factory for additional information

- IES files (also available on website)
- Photometric reports
- TM-30 reports
- ISO diagrams and measurements
- UGR ratings and evaluations

Model # example: LEDDW-511-40

SELECTED BEAM ANGLE  
SELECTED WATTAGE  
50MM DIAMETER

<sup>1</sup> Kelvin Temperature: 1800°K - 3000°K



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Dim-to-Warm

Available 50mm LED Modules

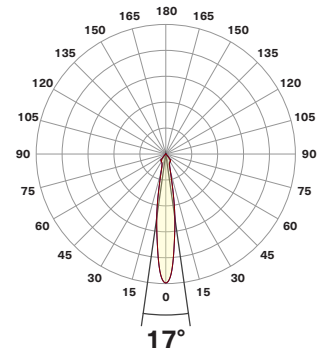


## Beam Details

All information shown below measured with filter ring installed. Filter media and shielding options available.

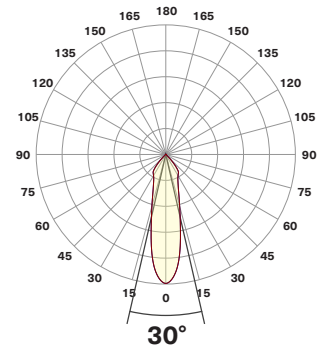
### LEDDW-511-17

| 1 m      | 2 m      | 3 m     | 4 m     | 5 m     | 6 m     | 7 m     | 8 m     | 9 m     | 10 m    | 11 m    | 12 m    | 13 m    | 14 m    | 15 m    | 16 m    | 17 m    | 18 m    | 19 m    | 20 m    |
|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft   | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 5355 lx  | 1339 lx  | 595 lx  | 335 lx  | 214 lx  | 149 lx  | 109 lx  | 84 lx   | 66 lx   | 54 lx   | 44 lx   | 37 lx   | 32 lx   | 27 lx   | 24 lx   | 21 lx   | 19 lx   | 17 lx   | 15 lx   | 13 lx   |
| 497.5 fc | 124.4 fc | 55.3 fc | 31.1 fc | 19.9 fc | 13.8 fc | 10.2 fc | 7.8 fc  | 6.1 fc  | 5.0 fc  | 4.1 fc  | 3.5 fc  | 2.9 fc  | 2.5 fc  | 2.2 fc  | 1.9 fc  | 1.7 fc  | 1.5 fc  | 1.4 fc  | 1.2 fc  |



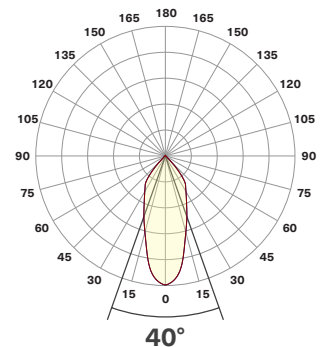
### LEDDW-511-30

| 1 m      | 2 m     | 3 m     | 4 m     | 5 m     | 6 m     | 7 m     | 8 m     | 9 m     | 10 m    | 11 m    | 12 m    | 13 m    | 14 m    | 15 m    | 16 m    | 17 m    | 18 m    | 19 m    | 20 m    |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 2245 lx  | 561 lx  | 249 lx  | 140 lx  | 90 lx   | 62 lx   | 46 lx   | 35 lx   | 28 lx   | 22 lx   | 19 lx   | 16 lx   | 13 lx   | 11 lx   | 10 lx   | 9 lx    | 8 lx    | 7 lx    | 6 lx    | 6 lx    |
| 208.6 fc | 52.1 fc | 23.2 fc | 13.0 fc | 8.3 fc  | 5.8 fc  | 4.3 fc  | 3.3 fc  | 2.6 fc  | 2.1 fc  | 1.7 fc  | 1.4 fc  | 1.2 fc  | 1.1 fc  | 0.9 fc  | 0.8 fc  | 0.7 fc  | 0.6 fc  | 0.6 fc  | 0.5 fc  |



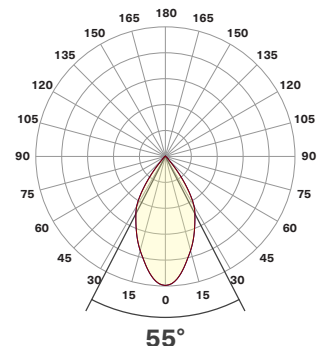
### LEDDW-511-40

| 1 m      | 2 m     | 3 m     | 4 m     | 5 m     | 6 m     | 7 m     | 8 m     | 9 m     | 10 m    | 11 m    | 12 m    | 13 m    | 14 m    | 15 m    | 16 m    | 17 m    | 18 m    | 19 m    | 20 m    |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 1475 lx  | 369 lx  | 164 lx  | 92 lx   | 59 lx   | 41 lx   | 30 lx   | 23 lx   | 18 lx   | 15 lx   | 12 lx   | 10 lx   | 9 lx    | 8 lx    | 7 lx    | 6 lx    | 5 lx    | 5 lx    | 4 lx    | 4 lx    |
| 137.0 fc | 34.2 fc | 15.2 fc | 8.6 fc  | 5.5 fc  | 3.8 fc  | 2.8 fc  | 2.1 fc  | 1.7 fc  | 1.4 fc  | 1.1 fc  | 1.0 fc  | 0.8 fc  | 0.7 fc  | 0.6 fc  | 0.5 fc  | 0.5 fc  | 0.4 fc  | 0.4 fc  | 0.3 fc  |



### LEDDW-511-55

| 1 m      | 2 m     | 3 m     | 4 m     | 5 m     | 6 m     | 7 m     | 8 m     | 9 m     | 10 m    | 11 m    | 12 m    | 13 m    | 14 m    | 15 m    | 16 m    | 17 m    | 18 m    | 19 m    | 20 m    |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 1170 lx  | 293 lx  | 130 lx  | 73 lx   | 47 lx   | 33 lx   | 24 lx   | 18 lx   | 14 lx   | 12 lx   | 10 lx   | 8 lx    | 7 lx    | 6 lx    | 5 lx    | 5 lx    | 4 lx    | 4 lx    | 3 lx    | 3 lx    |
| 108.7 fc | 27.2 fc | 12.1 fc | 6.8 fc  | 4.3 fc  | 3.0 fc  | 2.2 fc  | 1.7 fc  | 1.3 fc  | 1.1 fc  | 0.9 fc  | 0.8 fc  | 0.6 fc  | 0.6 fc  | 0.5 fc  | 0.4 fc  | 0.4 fc  | 0.3 fc  | 0.3 fc  | 0.3 fc  |



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## Available 70mm LED Modules



| Model Number | Watts | Beam Angle | CRI | Delivered Lumens | Lumens per watt | Tested K-Temp <sup>1</sup> |
|--------------|-------|------------|-----|------------------|-----------------|----------------------------|
| LEDDW-713-20 | 13.3  | 20°        | 90+ | 1,224            | 92              | 3000K                      |
| LEDDW-713-30 | 13.3  | 30°        | 90+ | 1,213            | 91              | 3000K                      |
| LEDDW-713-40 | 13.3  | 40°        | 90+ | 1,148            | 86              | 3000K                      |
| LEDDW-713-55 | 13.3  | 90°        | 90+ | 1,182            | 89              | 3000K                      |
| LEDDW-713-90 | 13.3  | 55°        | 90+ | 1,228            | 92              | 3000K                      |
| LEDDW-719-20 | 19.3  | 20°        | 90+ | 1,747            | 91              | 3000K                      |
| LEDDW-719-30 | 19.3  | 30°        | 90+ | 1,735            | 90              | 3000K                      |
| LEDDW-719-40 | 19.3  | 40°        | 90+ | 1,650            | 85              | 3000K                      |
| LEDDW-719-55 | 19.4  | 55°        | 90+ | 1,715            | 88              | 3000K                      |
| LEDDW-719-90 | 19.3  | 90°        | 90+ | 1,783            | 92              | 3000K                      |
| LEDDW-726-20 | 26    | 20°        | 90+ | 2,217            | 85              | 3000K                      |
| LEDDW-726-30 | 24.9  | 30°        | 90+ | 2,216            | 85              | 3000K                      |
| LEDDW-726-40 | 25.1  | 40°        | 90+ | 2,149            | 86              | 3000K                      |
| LEDDW-726-55 | 25    | 55°        | 90+ | 2,227            | 86              | 3000K                      |
| LEDDW-726-90 | 24.9  | 90°        | 90+ | 2,310            | 92              | 3000K                      |
| LEDDW-730-20 | 30    | 20°        | 90+ | 2,539            | 85              | 3000K                      |
| LEDDW-730-30 | 30    | 30°        | 90+ | 2,493            | 83              | 3000K                      |
| LEDDW-730-40 | 30    | 40°        | 90+ | 2,379            | 79              | 3000K                      |
| LEDDW-730-55 | 30    | 55°        | 90+ | 2,491            | 83              | 3000K                      |
| LEDDW-730-90 | 28.8  | 90°        | 90+ | 2,637            | 91              | 3000K                      |

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- L70 reported at 85°C = > 55,000 hours (L70B50 calculated) 200,000 hours.

- L80 reported at 85°C = > 55,000 hours (L80B50 calculated) 123,000 hours.

- L90 reported at 85°C = > 55,000 hours (L90B50 calculated) 56,000 hours.

| Lumen Maintenance |         |                    |                    |                    |
|-------------------|---------|--------------------|--------------------|--------------------|
| Ambient Temp.     | TM-21   | L70 hours Reported | L80 hours Reported | L90 hours Reported |
| 25°C              | > 90.98 | >55,000            | >55,000            | >55,000            |

Please consult factory for additional information

- IES files (also available on website)
- Photometric reports
- TM-30 reports
- ISO diagrams and measurements
- UGR ratings and evaluations

Model # example: LEDDW-730-55

SELECTED BEAM ANGLE  
SELECTED WATTAGE  
50MM DIAMETER

<sup>1</sup> Kelvin Temperature: 1800°K - 3000°K



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Dim-to-Warm

Available 70mm LED Modules

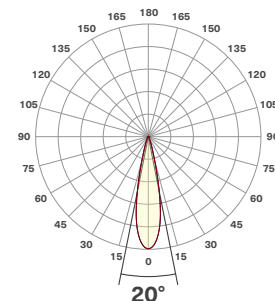


## Beam Details

All information shown below measured with filter ring installed. Filter media and shielding options available.

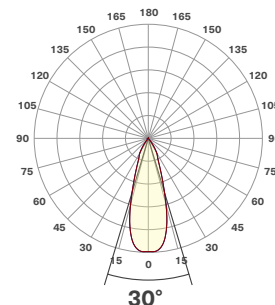
### LEDDW-730-20

| 1m        | 2m       | 3m       | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|-----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft    | 6.6 ft   | 9.8 ft   | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 14059 lx  | 3515 lx  | 1562 lx  | 879 lx  | 562 lx  | 391 lx  | 287 lx  | 220 lx  | 174 lx  | 141 lx  | 116 lx  | 98 lx   | 83 lx   | 72 lx   | 62 lx   | 55 lx   | 49 lx   | 43 lx   | 39 lx   | 35 lx   |
| 1306.2 fc | 326.5 fc | 145.1 fc | 81.6 fc | 52.2 fc | 36.3 fc | 26.7 fc | 20.4 fc | 16.1 fc | 13.1 fc | 10.8 fc | 9.1 fc  | 7.7 fc  | 6.7 fc  | 5.8 fc  | 5.1 fc  | 4.5 fc  | 4.0 fc  | 3.6 fc  | 3.3 fc  |



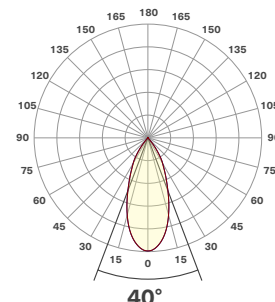
### LEDDW-730-30

| 1m       | 2m       | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft   | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 6199 lx  | 1550 lx  | 689 lx  | 387 lx  | 248 lx  | 172 lx  | 127 lx  | 97 lx   | 77 lx   | 62 lx   | 51 lx   | 43 lx   | 37 lx   | 32 lx   | 28 lx   | 24 lx   | 21 lx   | 19 lx   | 17 lx   | 15 lx   |
| 576.0 fc | 144.0 fc | 64.0 fc | 36.0 fc | 23.0 fc | 16.0 fc | 11.8 fc | 9.0 fc  | 7.1 fc  | 5.8 fc  | 4.8 fc  | 4.0 fc  | 3.4 fc  | 2.9 fc  | 2.6 fc  | 2.2 fc  | 2.0 fc  | 1.8 fc  | 1.6 fc  | 1.4 fc  |



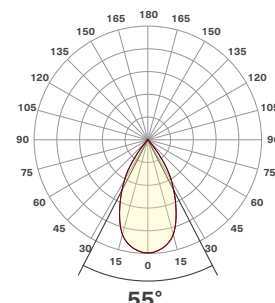
### LEDDW-730-40

| 1m       | 2m      | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 4096 lx  | 1024 lx | 455 lx  | 256 lx  | 164 lx  | 114 lx  | 84 lx   | 64 lx   | 51 lx   | 41 lx   | 34 lx   | 28 lx   | 24 lx   | 21 lx   | 18 lx   | 16 lx   | 14 lx   | 13 lx   | 11 lx   | 10 lx   |
| 380.5 fc | 95.1 fc | 42.3 fc | 23.8 fc | 15.2 fc | 10.6 fc | 7.8 fc  | 5.9 fc  | 4.7 fc  | 3.8 fc  | 3.1 fc  | 2.6 fc  | 2.3 fc  | 1.9 fc  | 1.7 fc  | 1.5 fc  | 1.3 fc  | 1.2 fc  | 1.1 fc  | 1.0 fc  |



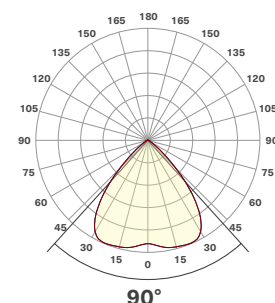
### LEDDW-730-55

| 1m       | 2m      | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 3343 lx  | 836 lx  | 371 lx  | 209 lx  | 134 lx  | 93 lx   | 68 lx   | 52 lx   | 41 lx   | 33 lx   | 28 lx   | 23 lx   | 20 lx   | 17 lx   | 15 lx   | 13 lx   | 12 lx   | 10 lx   | 9 lx    | 8 lx    |
| 310.6 fc | 77.7 fc | 34.5 fc | 19.4 fc | 12.4 fc | 8.6 fc  | 6.3 fc  | 4.9 fc  | 3.8 fc  | 3.1 fc  | 2.6 fc  | 2.2 fc  | 1.8 fc  | 1.6 fc  | 1.4 fc  | 1.2 fc  | 1.1 fc  | 1.0 fc  | 0.9 fc  | 0.8 fc  |



### LEDDW-730-90

| 1m       | 2m     | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 1420 lx  | 355 lx | 158 lx  | 89 lx   | 57 lx   | 39 lx   | 29 lx   | 22 lx   | 18 lx   | 14 lx   | 12 lx   | 10 lx   | 8 lx    | 7 lx    | 6 lx    | 6 lx    | 5 lx    | 4 lx    | 4 lx    | 4 lx    |
| 131.9 fc | 33 fc  | 14.7 fc | 8.2 fc  | 5.3 fc  | 3.7 fc  | 2.7 fc  | 2.1 fc  | 1.6 fc  | 1.3 fc  | 1.1 fc  | 0.9 fc  | 0.8 fc  | 0.7 fc  | 0.6 fc  | 0.5 fc  | 0.5 fc  | 0.4 fc  | 0.4 fc  | 0.3 fc  |





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## Available 90mm LED Modules



| Model Number | Watts | Beam Angle | CRI | Delivered Lumens | Lumens per watt | Tested K-Temp <sup>1</sup> |
|--------------|-------|------------|-----|------------------|-----------------|----------------------------|
| LEDDW-936-30 | 36    | 30°        | 90+ | 3,032            | 84              | 3000K                      |
| LEDDW-936-45 | 36    | 45°        | 90+ | 3,018            | 84              | 3000K                      |
| LEDDW-936-55 | 36    | 55°        | 90+ | 3,090            | 86              | 3000K                      |
| LEDDW-936-90 | 36    | 90°        | 90+ | 3,157            | 88              | 3000K                      |
| LEDDW-940-30 | 40    | 30°        | 90+ | 3,325            | 83              | 3000K                      |
| LEDDW-940-45 | 40    | 45°        | 90+ | 3,308            | 83              | 3000K                      |
| LEDDW-940-55 | 40    | 55°        | 90+ | 3,428            | 86              | 3000K                      |
| LEDDW-940-90 | 40    | 90°        | 90+ | 3,449            | 86              | 3000K                      |

<sup>1</sup> Kelvin Temperature: 1800°K - 3000°K

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| Lumen Maintenance |         |                    |                    |                    |
|-------------------|---------|--------------------|--------------------|--------------------|
| Ambient Temp.     | TM-21   | L70 hours Reported | L80 hours Reported | L90 hours Reported |
| 25°C              | > 90.98 | >55,000            | >55,000            | >55,000            |

Please consult factory for additional information

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- TM-30 reports
- ISO diagrams and measurements
- UGR ratings and evaluations

Model # example: LEDDW-940-90

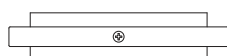
SELECTED BEAM ANGLE  
SELECTED WATTAGE  
50MM DIAMETER



## Filter Ring / Shielding Cylinder / Filter Media

Applicable to all Modular LED modules.

GIMBAL RING ASSEMBLY



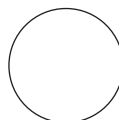
FILTER RING (-FR)



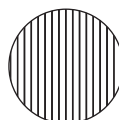
SHIELDING CYLINDER (-CY)

FILTER MEDIA

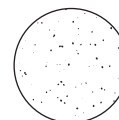
CLEAR GLASS (-CG)



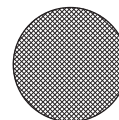
LINEAR SPREAD (-LS)



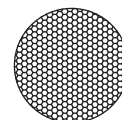
DIFFUSING SPREAD (-DS)



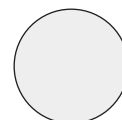
PRISMATIC WIDE SPREAD (-PS)



HEXCELL LOUVER (-HL)



SATIN ETCHED (-SE)



# Modular Multiples®

The Original Multiple Light Family of Fixtures



Dim-to-Warm

## Available 90mm LED Modules

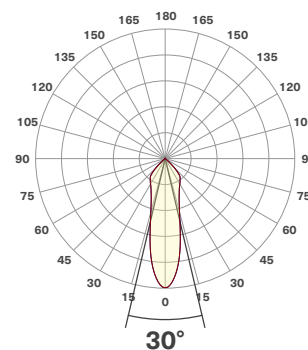


### Beam Details

All information shown below measured with filter ring installed. Filter media and shielding options available.

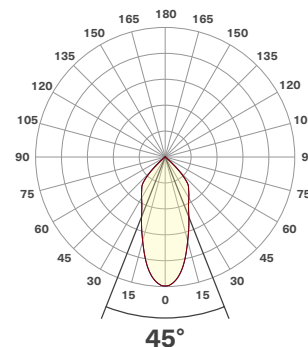
#### LEDDW-940-30

| 1m       | 2m       | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft   | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 6157 lx  | 1539 lx  | 694 lx  | 385 lx  | 246 lx  | 171 lx  | 126 lx  | 96 lx   | 76 lx   | 62 lx   | 51 lx   | 43 lx   | 36 lx   | 31 lx   | 27 lx   | 24 lx   | 21 lx   | 19 lx   | 17 lx   | 15 lx   |
| 572.0 fc | 143.0 fc | 63.6 fc | 35.8 fc | 22.9 fc | 15.9 fc | 11.7 fc | 8.9 fc  | 7.1 fc  | 5.7 fc  | 4.7 fc  | 4.0 fc  | 3.4 fc  | 2.9 fc  | 2.5 fc  | 2.2 fc  | 2.0 fc  | 1.8 fc  | 1.6 fc  | 1.4 fc  |



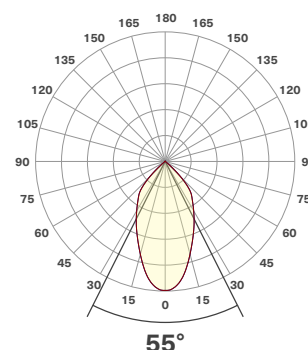
#### LEDDW-940-45

| 1m       | 2m      | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 4042 lx  | 1011 lx | 449 lx  | 253 lx  | 162 lx  | 126 lx  | 82 lx   | 63 lx   | 50 lx   | 40 lx   | 33 lx   | 28 lx   | 24 lx   | 21 lx   | 18 lx   | 16 lx   | 14 lx   | 12 lx   | 11 lx   | 10 lx   |
| 375.5 fc | 93.9 fc | 41.7 fc | 23.5 fc | 15.0 fc | 10.4 fc | 7.7 fc  | 5.9 fc  | 4.6 fc  | 3.8 fc  | 3.1 fc  | 2.6 fc  | 2.2 fc  | 1.9 fc  | 1.7 fc  | 1.5 fc  | 1.3 fc  | 1.2 fc  | 1.0 fc  | 0.9 fc  |



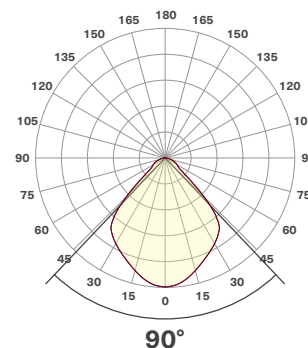
#### LEDDW-940-55

| 1m       | 2m      | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 3705 lx  | 926 lx  | 412 lx  | 232 lx  | 148 lx  | 103 lx  | 76 lx   | 58 lx   | 46 lx   | 37 lx   | 31 lx   | 26 lx   | 22 lx   | 19 lx   | 16 lx   | 14 lx   | 13 lx   | 11 lx   | 10 lx   | 9 lx    |
| 344.2 fc | 86.1 fc | 38.2 fc | 21.5 fc | 13.8 fc | 9.6 fc  | 7.0 fc  | 5.4 fc  | 4.2 fc  | 3.4 fc  | 2.8 fc  | 2.4 fc  | 2.0 fc  | 1.8 fc  | 1.5 fc  | 1.3 fc  | 1.2 fc  | 1.1 fc  | 1.0 fc  | 0.9 fc  |



#### LEDDW-940-90

| 1m       | 2m      | 3m      | 4m      | 5m      | 6m      | 7m      | 8m      | 9m      | 10m     | 11m     | 12m     | 13m     | 14m     | 15m     | 16m     | 17m     | 18m     | 19m     | 20m     |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3.3 ft   | 6.6 ft  | 9.8 ft  | 13.1 ft | 16.4 ft | 19.7 ft | 23.0 ft | 26.2 ft | 29.5 ft | 32.8 ft | 36.1 ft | 39.4 ft | 42.7 ft | 45.9 ft | 49.2 ft | 52.5 ft | 55.8 ft | 59.1 ft | 62.3 ft | 65.6 ft |
| 1953 lx  | 488 lx  | 217 lx  | 122 lx  | 78 lx   | 54 lx   | 40 lx   | 31 lx   | 24 lx   | 20 lx   | 16 lx   | 14 lx   | 12 lx   | 10 lx   | 9 lx    | 8 lx    | 7 lx    | 6 lx    | 5 lx    | 5 lx    |
| 181.5 fc | 45.4 fc | 20.2 fc | 11.3 fc | 7.3 fc  | 5.0 fc  | 3.7 fc  | 2.8 fc  | 2.2 fc  | 1.8 fc  | 1.5 fc  | 1.3 fc  | 1.1 fc  | 0.9 fc  | 0.8 fc  | 0.7 fc  | 0.6 fc  | 0.6 fc  | 0.5 fc  | 0.5 fc  |



# Modular International, Inc.



50mm, 70mm,  
and 90mm LED  
modules available  
with filter rings,  
shielding cylinders,  
and filter media.

