

MMB



LUMINAIRE

YYZ Mamba is a custom curved or straight shaped luminaire with aluminum body powder coated in required RAL. The dramatic circular/ linear/ custom shaped profile incorporates direct and indirect lighting which enhances the interior environment and creates an elegant effect within the space. Opal diffuser provides a seamless lighting over the entire length of the fixture. Application areas includes Office spaces, breakout spaces, etc.

FRAME

MMB-PM : For Pendant Mount

MMB SM : For Surface Mount

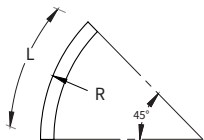
SIZE

STRAIGHT SECTION



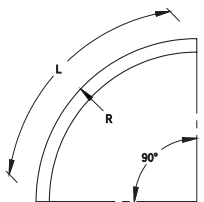
- 141, 212, 281, 352, 422, 493, 561, 632, 702, 773, 842
- 913, 983, 1054, 1122, 1193, 1263, 1334, 1403, 1474, 1544, 1615
- 1683, 1754, 1824, 1895, 1964, 2035, 2105, 2176, 2244, 2315, 2385

1/8 CIRCLE

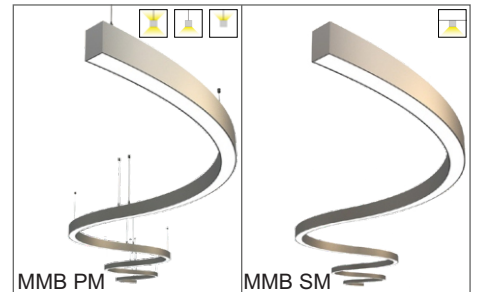


| RADIUS - R | LENGTH - L | RADIUS - R | LENGTH - L | RADIUS - R | LENGTH - L |
|------------|------------|------------|------------|------------|------------|
| 300 | 239 | 1300 | 1010 | 2275 | 1784 |
| 400 | 309 | 1375 | 1081 | 2350 | 1854 |
| 475 | 377 | 1450 | 1151 | 2450 | 1924 |
| 575 | 477 | 1550 | 1222 | 2550 | 1994 |
| 650 | 518 | 1650 | 1291 | 2625 | 2065 |
| 750 | 588 | 1750 | 1363 | 2700 | 2135 |
| 825 | 659 | 1825 | 1432 | 2800 | 2205 |
| 925 | 729 | 1900 | 1503 | 2900 | 2275 |
| 1000 | 800 | 2000 | 1572 | 3000 | 2346 |
| 1100 | 870 | 2100 | 1643 | 3075 | 2416 |
| 1200 | 940 | 2175 | 1713 | | |

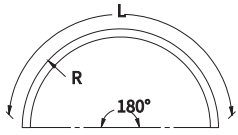
1/4 CIRCLE



| RADIUS - R | LENGTH - L | RADIUS - R | LENGTH - L | RADIUS - R | LENGTH - L |
|------------|------------|------------|------------|------------|------------|
| 300 | 478 | 825 | 1318 | 1375 | 2161 |
| 400 | 619 | 925 | 1458 | 1450 | 2301 |
| 475 | 754 | 1000 | 1599 | 1550 | 2444 |
| 575 | 894 | 1100 | 1739 | 1650 | 2582 |
| 650 | 1035 | 1200 | 1800 | | |
| 750 | 1175 | 1300 | 2020 | | |

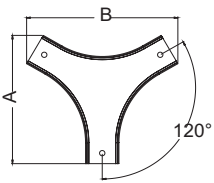


1/2 CIRCLE

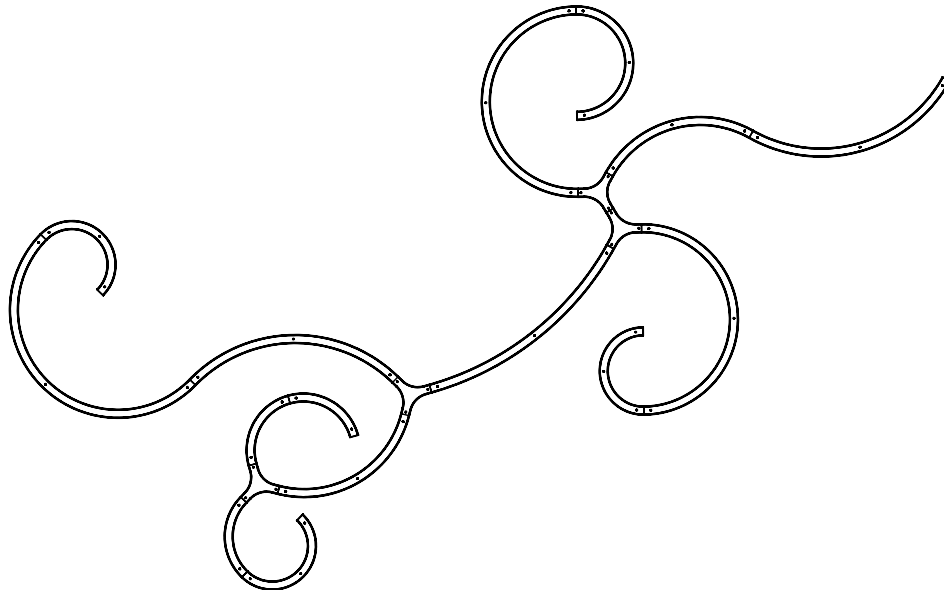


| RADIUS - R | LENGTH - L | RADIUS - R | LENGTH - L | RADIUS - R | LENGTH - L |
|------------|------------|------------|------------|------------|------------|
| 300 | 955 | 650 | 2070 | 1000 | 3198 |
| 400 | 1238 | 750 | 2350 | 1100 | 3478 |
| 475 | 1508 | 825 | 2636 | 1200 | 3760 |
| 575 | 1788 | 925 | 2915 | | |

CROSSING



| A | B |
|-----|-----|
| 234 | 281 |



DIRECT LINEAR LAMPING & LENS

| OUTPUT | CRI | CCT | LENS |
|-----------|-----|-------|---------------------|
| MIN | 80 | 2700K | DIFF Diffuse |
| LOW | 90 | 3000K | PRS Clear Prismatic |
| MED# | | 4000K | |
| TUNE/LOW* | | 5000K | |
| TUNE/MED* | | 6500K | |
| RGBW^ | | | |

#UGR19 is a low glare, UGR<19 optics package with low output and prismatic lens. LENS does not apply (leave unchecked).

*For TUNE/LOW and TUNE/MED, CRI and CCT do not apply (leave unchecked).

^For RGBW, CRI does not apply and select 3000K or 4000K CCT only. White LEDs can remain uncommissioned for RGB-only output.

INDIRECT LINEAR LAMPING & LENS

| OUTPUT | CRI | CCT | LENS |
|-------------------|------------|------------|---------------------|
| MIN | 80 | 2700K | DIFF Diffuse |
| LOW | 90 | 3000K | PRS Clear Prismatic |
| MED [#] | | 3500K | |
| TUNE/LOW* | | 4000K | |
| TUNE/MED* | | 5000K | |
| RGBW [^] | | 6500K | |

*For TUNE/LOW and TUNE/MED, CRI and CCT do not apply (leave unchecked).

[^]For RGBW, CRI does not apply (leave unchecked) and select 3000K or 4000K CCT only. White LEDs can remain uncommissioned for RGB-only output

DOWNLIGHT SPOTS

| OUTPUT | CRI | CCT | BEAM ANGLE |
|---------------------|------------|------------|-------------------|
| MIN/S | 80 | 2700K | 15° |
| LOW/S | 90 | 3000K | 25° |
| TUNE/S [#] | | 4000K | 40° |
| RGB/S [#] | | | |

*Contact YYZ for desired spacing of spots within the fixture

[#]For TUNE/S and RGB/S, CRI and CCT do not apply (leave unchecked)

INTEGRAL DRIVER

- NONDIM - Non-dimmable
- DALI* - DALI driver, dimming down to 1%
- 1/10V - 1-10V, dimming down to 1%
- 0/10V - 0-10V, dimming down to 0%
- DMX[^] - DMX driver, dimming down to 1%
- PHASE - For use with phase-cut triac, IGBT or sine wave dimmer switches

*Driver selection applies to direct, indirect and/or downlight spots.

[#]DALI is required for use with TUNE/LOW and TUNE/MED; DALI (or DMX) is required for RGBW

[^]DMX (or DALI) is required for use with RGBW

FINISH

- WH - White powder coat
- BLK - Black powder coat
- BZ - Metallic bronze powder coat
- RAL/ - Custom RAL color powder coat (ex : #RAL/3000)

*Contact factory for additional finish options.

POWERFEED COLOUR

- GP - Grey (Standard for suspended, default for other mountings)
- WP - White
- BP - Black
- TP - Transparent
- XP - Custom color (contact YYZ Lighting for options)

CANOPY

- NONE - Select NONE when specifying wall or surface mount
- STD - 115mm canopy for each separate powerfeed and suspension point (standard)
- SMALL - 82mm canopy for each separate powerfeed and suspension point
- COMBO - 115mm combo canopy for locations with both a powerfeed and suspension point

OPTIONAL ADD-ONS

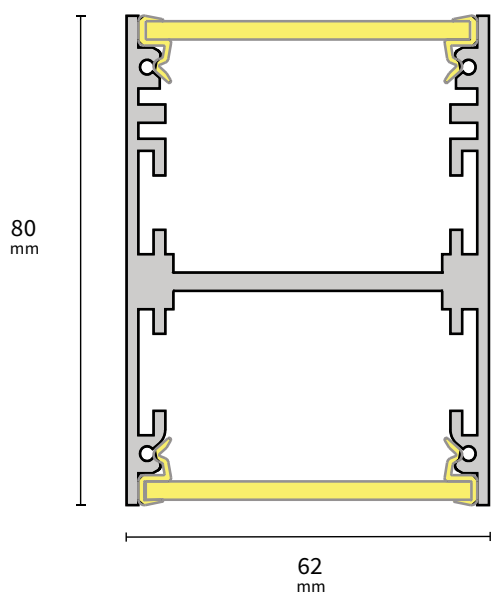
EMERGENCY

- EM - Integral, 3-hour emergency battery, manual testing
- EM/DALI - Integral, 3-hour emergency battery with DALI interface, automatic testing

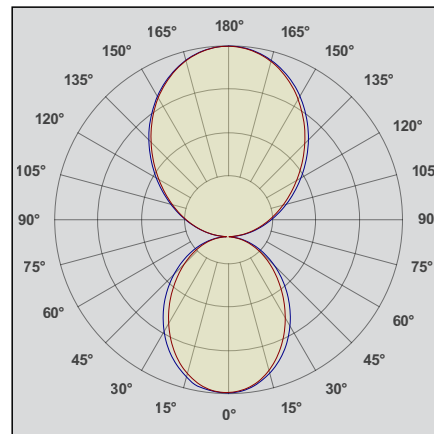
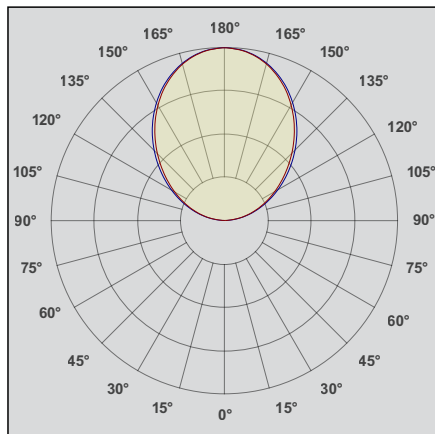
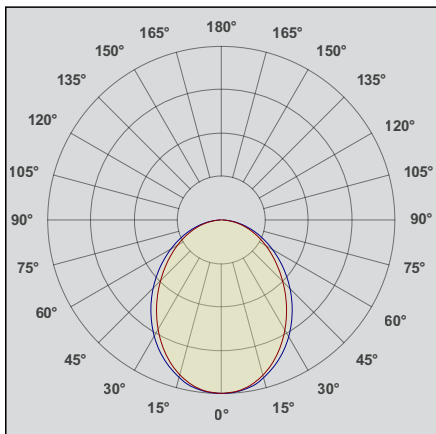
SENSOR

- PRES - Integral, PIR presence detector
- DALI/PRES - Integral, DALI-compatible PIR presence detector
- PHOTO - Integral, photocell/daylight detector

DIMENSIONS



DISTRIBUTION



DIRECT LINEAR LAMPING - OPTIONS & PERFORMANCE DATA

| OUTPUT OPTIONS | DELIVERED LUMENS* LM/M | WATTS* W/M | EFFICACY* LM/W | CRI OPTIONS | CCT OPTIONS | LENS OPTIONS |
|--------------------|---|--|--|--|--|---------------------------|
| MIN # | 1145 | 11.4 | 100 | 80 90 | 2700K 3000K 4000K 5000K 6500K | DIFF PRS |
| LOW # | 1443 | 13.8 | 105 | | | |
| MED # | 2879 | 25.9 | 111 | | | |
| TUNE/LOW #^ | Tunable White Low 1177 | 14 | 84 | 80 | 2700K-6500K | |
| TUNE/MED #^ | Tunable White Medium 1668 | 22 | 76 | 80 | 2700K-6500K | |
| RGBW | Colour-Changing RGB+White N/A (entire system) 346 (white only) | 19.2 (entire system) 9 (white only) | N/A (entire system) 38 (white only) | N/A (entire system) 80 (white only) | 3000K 4000K (white only) | |

INDIRECT LINEAR LAMPING - OPTIONS & PERFORMANCE DATA

| OUTPUT OPTIONS | DELIVERED LUMENS* LM/M | WATTS* W/M | EFFICACY* LM/W | CRI OPTIONS | CCT OPTIONS | LENS OPTIONS |
|--------------------|---|--|--|--|--|---------------------------|
| MIN # | 1259 | 11.4 | 87 | 80 90 | 2700K 3000K 4000K 5000K 6500K | DIFF PRS |
| LOW # | 1587 | 13.8 | 112 | | | |
| MED # | 3165 | 25.9 | 104 | | | |
| TUNE/LOW #^ | Tunable White Low 1294 (at 4000K) | 14 | 93 | 80 | 2700K-6500K | |
| TUNE/MED #^ | Tunable White Medium 1834 (at 4000K) | 22 | 83 | 80 | 2700K-6500K | |
| RGBW | Colour-Changing RGB+White N/A (entire system) 380 (white only) | 19.2 (entire system) 9 (white only) | N/A (entire system) 42 (white only) | N/A (entire system) 80 (white only) | 3000K 4000K (white only) | |

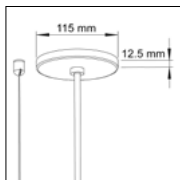
DOWNLIGHTS SPOTS - OPTIONS & PERFORMANCE DATA

| OUTPUT OPTIONS | DELIVERED LUMENS LM/M | WATTS W/M | EFFICACY LM/W | CRI OPTIONS | CCT OPTIONS | BEAM DEGREE OPTIONS |
|----------------|--------------------------|--------------|------------------|------------------------|--|-------------------------------------|
| MIN/S # | 1101 | 11.6 | 95 | 80 90 | 2700K 3000K 4000K | 15 25 40 |
| LOW/S # | 1430 | 15.9 | 90 | | | |
| TUNE/S | | | | | | |
| RGB/S | | | | | | |

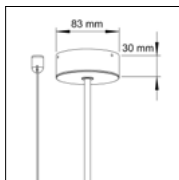
SUSPENSION MOUNTING CANOPY OPTIONS

Standard (STD) comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALLc omprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations.

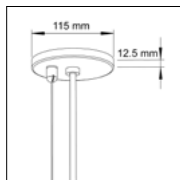
All options include cable bullets for non-powerfeed locations.



Standard
STD



Small
SMALL



Combo
COMBO