

MXRG2DRTR

3.5" MX G2 LED Lensed Downlight with Remodel Housing - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **	Lumens Per Watt
L0	10W	3000K / 82 CRI	850lm	85
L1	16W	3000K / 82 CRI	1200lm	75
L2	20W	3000K / 82 CRI	1400lm	70
L3	26W	3000K / 82 CRI	1700lm	65

*System Wattage include driver and LED Module consumption. **Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

FEATURES

- Multiple architectural trim options
- High center beam spot up to 22,600 CBCP
- Dedicated 9° with field changeable 12°, 24°, 36° & 50° optics

LED LIGHT ENGINE

- 92 CRI & 82 CRI in 2700K, 3000K, 3500K or 4100K with 2SDCM binning
- >50,000 hours L70 (rated life at 70% output)

ELECTRICAL SYSTEM

- Dedicated voltage options of 120V or 277V. Must be specified in catalog code
- Power factor >.95 50/60Hz This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surge is not covered by warranty.

DIMMING

- 0-10V Dimming 1%
- Forward/reverse dimming 1% (120V only)
- EldoLED 0-10V 0.1% or 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- DMX512 RDM 0.1%

HOUSING

High quality die-casted collar with high strength stainless steel swing out lugs. Driver swivels 90° to accommodate tight spaces.

TRIM SPECIFICATION

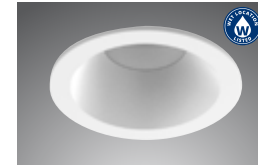
High quality die-cast A380 aluminum trims with durable powder coat finishes. Architectural, discrete self flange or painted white flange options available. Trim is available with solite, clear tempered or frosted lens, must specify. Trims available in 1-1/2" regress for greater visual comfort or 1/2" regress for consistent look throughout space.

INSTALLATION

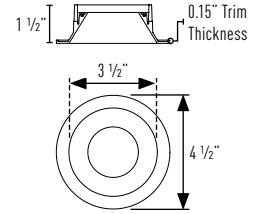
Frame-in installs from below the ceiling. Swing out lugs allow for installation in ceilings between 5/16" and 3/4". Max. ambient temperature: 95°F (35°C). Housing is Non-IC rated, must be kept at a minimum of 3" away from insulation.

LISTING / WARRANTY

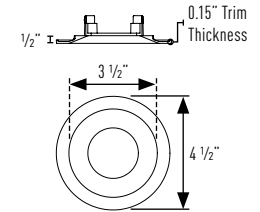
- 5-Year Intense LED Limited Warranty
- ETL listed to US and Canadian standards for wet locations
- ENERGY STAR® Qualified¹
- Can be used to comply with 2016 Title 24, Part 6, JA8 high efficacy LED light source requirements²



MXTG2-RTRD302
(1-1/2" regress with Lens)



MXTG2-RTRR302
(1/2" Regress with Lens)



Housing Dimensions Are On Page 2

Available Trim Finishes



Housing Part Number (Example: MXRG2DRTR-NCL1)

Housing	Installation Type	Wattage	Dimming	Voltage
MXRG2DRTR	-NC (Non-IC)	L0 (10W)	blank (Non-Dimming)	blank (120V)
		L1 (16W)	DELV ³ (Phase Dimming)	27 (277V)
		L2 (20W)	D101 (0-10V Dimming 1%)	
		L3 (26W)	ED10V1 ⁴ (eldoLED 0-10V 1%)	
			ED10V01 ⁴ (eldoLED 0-10V 0.1%)	
			LUT ⁵ (Lutron® LDE1 EcoSystem 1%)	
		DMXR ⁶ (DMX512 RDM 0.1%)		

Trim Part Number (Example: MXTG2-RTRD302W-SFL13024-SL)

Trim	Finish	Wattage	CCT / CRI	Optic	Lens
MXTG2-RTRD302 (1-1/2" regress)	W-SF (White / Self Flanged)	L0 (10W)	27 (2700K / 82 CRI)	09° (9° Narrow Spot)	-SL (Solite)
	B-SF (Black / Self Flanged)	L1 (16W)	279 (2700K / 92 CRI)	12 (12° Spot)	-CR (Clear Tempered)
MXTG2-RTRR302 (1/2" Regress)	SN-SF (Satin Nickel / Self Flanged)	L2 (20W)	30 (3000K / 82 CRI)	24 (24° Narrow Flood)	-FR (Frosted)
	SN-SFW ⁷ (Satin Nickel / Self Flanged White)	L3 (26W)	309 (3000K / 92 CRI)	36 (36° Flood)	
	AB-SF (Antique Bronze / Self Flanged)		35 (3500K / 82 CRI)	50 (50° Wide Flood)	
	AB-SFW ⁷ (Antique Bronze / Self Flanged White)		359 (3500K / 92 CRI)		
			41 (4100K / 82 CRI)		
		419 (4100K / 92 CRI)			

Notes:

- ENERGY STAR® Qualified (White reflectors only; **Excludes:** L2, L3, 92 CRI & 9° options)
- L0 only; **Excludes:** 82 CRI & 9° options
- Available in 120V only
- Not Available in L3
- Not Available in L2 & L3
- DMX512 RDM not available in L0 & L1
- Consult factory for lead times
- 9° NS available in 279 with L0 or L1 Only

MX DOWNLIGHTING REMODEL L/M-1005:23 P-5

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

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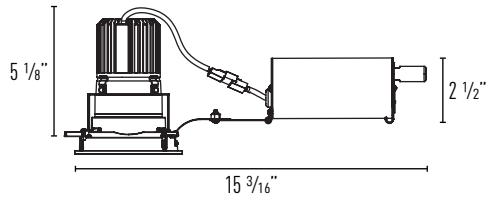


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3.5" MX G2 LED Lensed Downlight with Remodel Housing - Wet Location

JOB NAME	CATALOG NUMBER
NOTES	TYPE

DRIVER: Non-Dimming / DELV / D10

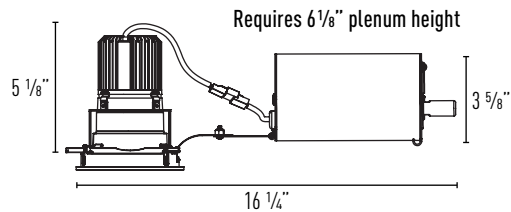


Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

DRIVER: eldoLED / Lutron / DMX



Ceiling Cut Out: 4 1/8"

Minimum Ceiling Thickness: 5/16"

Maximum Ceiling Thickness: 3/4"

OPTICS REPLACEMENT

1. Rotate release cap by turning counter clockwise.
2. Install accessories into accessory holder and replace accessory holder's retaining clip.
3. Place accessory holder and accessory flush against optic and replace release cap.

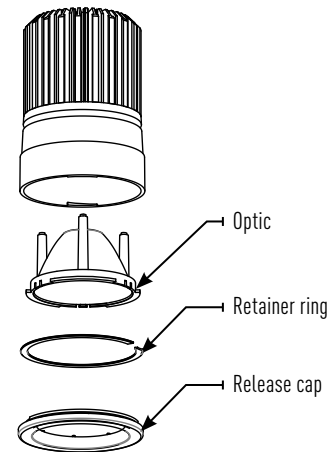
Optics

IP-OP4712 (12° Spot)

IP-OP4724 (24° Narrow Flood)

IP-OP4736 (36° Flood)

IP-OP4750 (50° Wide Flood)



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MXTG2-RTRD302WLO-CR

Report #: ILL-01262016-37 (12)
 ILL-01262016-40 (24)
 ILL-01262016-43 (36)
 ILL-01262016-46 (50)

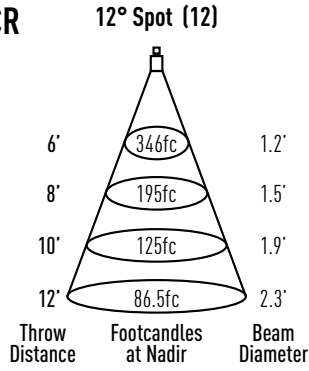
TRIM MULTIPLIER:
 MXTG2-RTRR302 (x 0.90)

CCT MULTIPLIERS:

	82 CRI	92 CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4100K	(x 1.00)	(x 0.87)

LENS MULTIPLIERS:

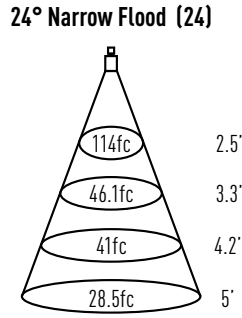
Solite	(x 0.92)
Clear	(x 1.00)
Frosted	(x 0.92)



Watts: 10
 Lumens: 717
 LPW: 72
 CCT: 3000K

Candelas at Nadir

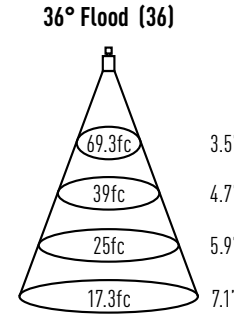
Degree	CBCP
0°	12456
5°	6904
15°	519
25°	87
35°	32
45°	5



Watts: 10
 Lumens: 794
 LPW: 79
 CCT: 3000K

Candelas at Nadir

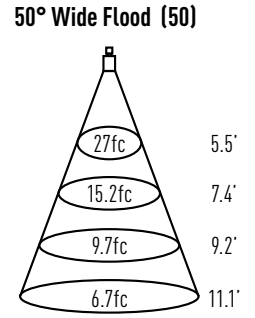
Degree	CBCP
0°	4104
5°	3632
15°	1263
25°	207
35°	23
45°	3



Watts: 10
 Lumens: 879
 LPW: 88
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	2495
5°	2519
15°	1486
25°	412
35°	64
45°	6



Watts: 10
 Lumens: 770
 LPW: 77
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	970
5°	1026
15°	911
25°	527
35°	204
45°	51

MXTG2-RTRD302WL1-CR

Report #: ILL-01262016-13 (12)
 ILL-01262016-16 (24)
 ILL-01262016-19 (36)
 ILL-01262016-22 (50)

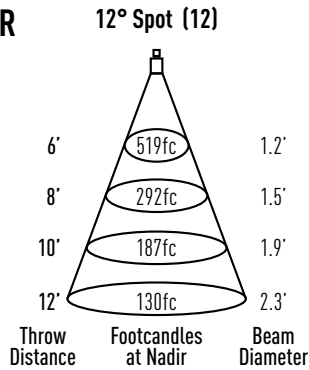
TRIM MULTIPLIER:
 MXTG2-RTRR302 (x 0.90)

CCT MULTIPLIERS:

	82 CRI	92 CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4100K	(x 1.00)	(x 0.87)

LENS MULTIPLIERS:

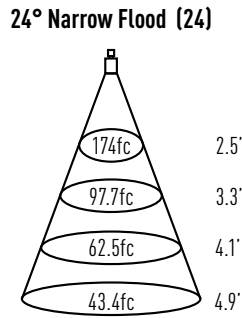
Solite	(x 0.92)
Clear	(x 1.00)
Frosted	(x 0.92)



Watts: 15.6
 Lumens: 996
 LPW: 64
 CCT: 3000K

Candelas at Nadir

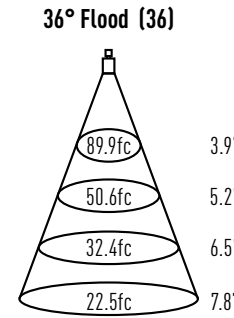
Degree	CBCP
0°	17192
5°	9571
15°	731
25°	116
35°	44
45°	7



Watts: 15.6
 Lumens: 1103
 LPW: 71
 CCT: 3000K

Candelas at Nadir

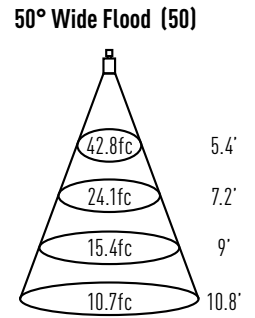
Degree	CBCP
0°	5750
5°	5090
15°	1752
25°	291
35°	30
45°	4



Watts: 15.6
 Lumens: 1221
 LPW: 78
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	2977
5°	2970
15°	1990
25°	651
35°	124
45°	13



Watts: 15.6
 Lumens: 1078
 LPW: 69
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	1417
5°	1494
15°	1298
25°	726
35°	277
45°	70

JOB NAME		CATALOG NUMBER	
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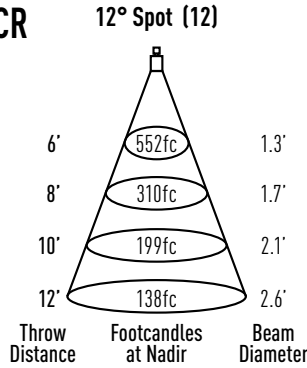
MXTG2-RTRD302WL2-CR

Report #: ILL-01262016-25 (12)
 ILL-01262016-28 (24)
 ILL-01262016-31 (36)
 ILL-01262016-34 (50)

TRIM MULTIPLIER:
 MXTG2-RTRR302 (x 0.90)

CCT MULTIPLIERS:
82 CRI 92 CRI
 2700K (x 0.93) (x 0.76)
 3000K (x 1.00) (x 0.87)
 3500K (x 1.00) (x 0.87)
 4100K (x 1.00) (x 0.87)

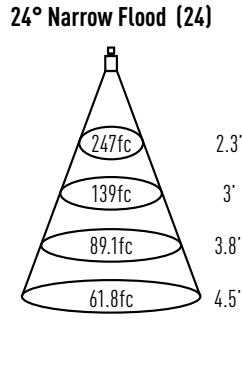
LENS MULTIPLIERS:
 Solite (x 0.92)
 Clear (x 1.00)
 Frosted (x 0.92)



Watts: 20.4
 Lumens: 1246
 LPW: 66
 CCT: 3000K

Candelas at Nadir

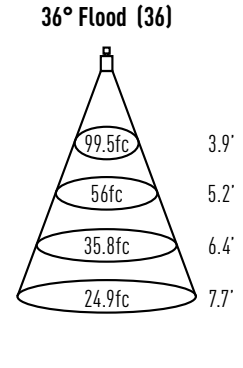
Degree	CBCP
0°	19864
5°	12604
15°	733
25°	159
35°	63
45°	10



Watts: 20.4
 Lumens: 1411
 LPW: 75
 CCT: 3000K

Candelas at Nadir

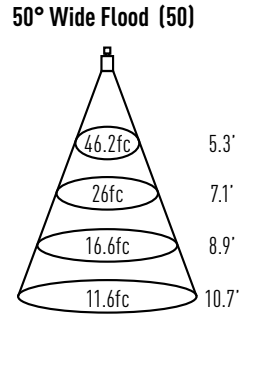
Degree	CBCP
0°	8906
5°	7511
15°	2159
25°	253
35°	31
45°	4



Watts: 20.4
 Lumens: 1433
 LPW: 76
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	3582
5°	3501
15°	2325
25°	762
35°	153
45°	14



Watts: 20.4
 Lumens: 1245
 LPW: 61
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	1664
5°	1742
15°	1502
25°	835
35°	319
45°	81

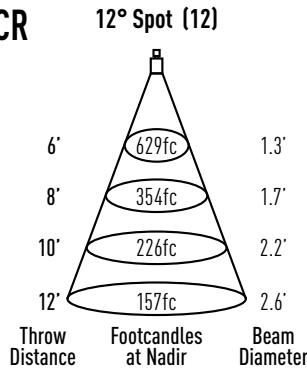
MXTG2-RTRD302WL3-CR

Report #: ILL-01262016-10 (12)
 ILL-01262016-07 (24)
 ILL-01262016-01 (36)
 ILL-01062016-04 (50)

TRIM MULTIPLIER:
 MXTG2-RTRR302 (x 0.90)

CCT MULTIPLIERS:
82 CRI 92 CRI
 2700K (x 0.93) (x 0.76)
 3000K (x 1.00) (x 0.87)
 3500K (x 1.00) (x 0.87)
 4100K (x 1.00) (x 0.87)

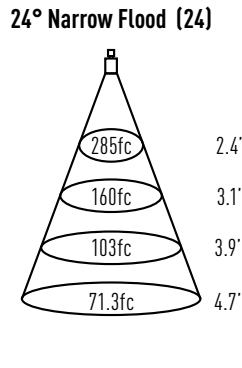
LENS MULTIPLIERS:
 Solite (x 0.92)
 Clear (x 1.00)
 Frosted (x 0.92)



Watts: 26.3
 Lumens: 1446
 LPW: 55
 CCT: 3000K

Candelas at Nadir

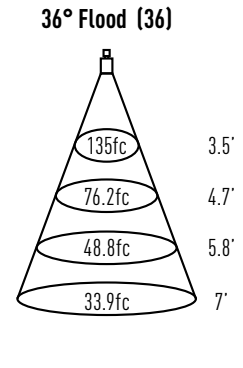
Degree	CBCP
0°	22627
5°	14524
15°	824
25°	180
35°	67
45°	12



Watts: 26.3
 Lumens: 1726
 LPW: 66
 CCT: 3000K

Candelas at Nadir

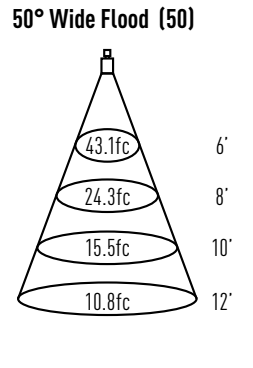
Degree	CBCP
0°	11154
5°	9641
15°	2938
25°	345
35°	40
45°	6



Watts: 26.4
 Lumens: 1664
 LPW: 63
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	4878
5°	4800
15°	2783
25°	756
35°	131
45°	13



Watts: 26.3
 Lumens: 1340
 LPW: 51
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	1553
5°	1581
15°	1461
25°	919
35°	390
45°	112