

**202-R-RM(-RT)/202-R-BV-RM(-RT) REMODEL ADJUSTABLE LED
FLR-2/FLR-2-BV TRIMS
NON-IC + AIRTIGHT RATED**

Project Name	
Date	Type
Prepared By	
Comments	
Catalog #	- - - / - / - - -



eight
LIGHTING

526 Portal Street
Cotati, CA 94931
USA
P 707.794.0888
www.8lighting.com

All No. 8 Lighting fixtures and components are UL Listed to both U.S. and Canadian requirements. No. 8 Lighting trims and lamp modules are protected by one or more U.S. Patents. No. 8 Lighting reserves the right to change details of design, materials, and finish.

© 2026 No. 8 Lighting
Doc # 91409-13.7



PRODUCT FEATURES



202-R-RM/202-R-BV-RM
ROUND ADJUSTABLE LIGHT ENGINE
and INTEGRAL POWER SUPPLY



202-R-RM-RT/202-R-BV-RM-RT
ROUND ADJUSTABLE LIGHT ENGINE
for REMOTE POWER SUPPLY



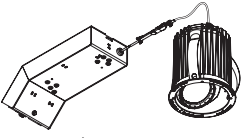
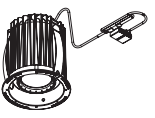
200 SERIES TRIMS
FLANGED or FLANGELESS

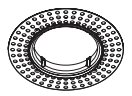
202-R-RM(-RT)/202-R-BV-RM(-RT) SPECIFICATION SUMMARY

	Static White				Warm Dimming		
LED Option	HI-27	HI-30	HI-35	HI-40	WD-5	WD-6	WD-7
Delivered Lumens	1074	1116	1142	1168	919	898	954
System Wattage	13.5	13.5	13.5	13.5	13.5	13.5	13.5
Efficacy	81	84	86	88	69	67	71
CRI	93+	93+	93+	93+	92+	92+	92+
R9	66	68	73	70	78	67	71
CCT	2700K	3000K	3500K	4000K	3000-1800K	2800-2200K	3000-2200K
Color Consistency	2-Step				3-Step		
Optic Options	15, 25, 40, 60				15-NSP-WD, 25-NSP-WD, 40-NSP-WD, 60-NSP-WD		
Optical Accessories	Narrow, Medium, Wide, Extra Wide, Linear Spread				N/A		
Adjustability	0-30° Tilt, 360° Rotation						
Driver Options	INTEGRAL: <1/5% Forward/Reverse Phase (120v), 0.1/1/5% 0-10v (120-277v), 0.1/1% DALI (120-277v), 0.1/1% EcoSystem (120 or 277v) REMOTE: <1% Forward/Reverse Phase (120v), 0.1/1% 0-10v (120-277v), 0.1/1% DALI (120-277v), 0.1% EcoSystem (120 or 277v)						
Trim Options	Round Flat, Round Bevel						
Finish Options	White, Oil-Rubbed Bronze, Satin Aluminum, Satin Aluminum w/ White Flange						
Trim Mounting Options	Flanged, Flangeless Sheetrock						
Trim Accessories	UL Wet Listed Lens Options - Clear, Soft Focus						
Mounting Options	Remodel: Type Non-IC Air-Tight						

Performance data shown with FLR-2-BV Trim and 60° or 60-NSP-WD optic options.
Warm Dimming data shown for 3000K and 2800K.
See Performance Summaries for additional information.

PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

LIGHT ENGINE + POWER SUPPLY OPTIONS	LED OPTIONS	OPTIC OPTIONS	OPTICAL ACCESSORIES (Optional)*	DRIVER OPTIONS	REMOTE OPTIONS*
 202-R-RM* Adjustable REMODEL Light Engine + INTEGRAL Power Supply for ROUND FLAT trim  202-R-BV-RM* Adjustable REMODEL Light Engine + INTEGRAL Power Supply for ROUND BEVEL trim 202-R-RM-RT* Adjustable REMODEL Light Engine for RE- MOTE Power Supply and ROUND FLAT trim 202-R-BV-RM-RT* Adjustable REMODEL Light Engine for RE- MOTE Power Supply and ROUND BEVEL trim *AIRTIGHT and Type Non-IC Rated for instal- lations where insulation can be held back 3" from sides and top. Adjustment range: 0-30° tilt and 360° rotation.	HI-27 2700K 93+ CRI White HI-30 3000K 93+ CRI White HI-35 3500K 93+ CRI White HI-40 4000K 93+ CRI White WD-5 3000-1800K 92+ CRI Warm Dim WD-6 2800-2200K 92+ CRI Warm Dim WD-7 3000-2200K 92+ CRI Warm Dim	15* Narrow Spot 25* Narrow Flood 40* Flood 60* Wide Flood 15-NSP-WD† Spot 25-NSP-WD† Narrow Flood 40-NSP-WD† Flood 60-NSP-WD† Wide Flood *For use with HI LED option. †For use with WD LED options.	NSP Narrow Softening Lens NFL Medium Softening Lens FL Wide Softening Lens WFL Extra Wide Softening Lens LS Linear Spread Lens *For use with HI LED option.	PR1-2-R Premium Forward or Reverse-Phase <1% Dimming DIM3-2-R* Forward or Reverse-Phase 5% Dimming DIM4-2-R* 0-0-10v 1% Dimming EL1-2-R EldoLED 0-10v 1% Dimming EL1-01-2-R EldoLED 0-10v 0.1% Dimming EL2-2-R EldoLED DALI 1% Dimming EL2-01-2-R EldoLED 0.1% DALI Dimming LU2-2-R* Lutron Hi-Lume LDE1 EcoSystem 1% Dimming LU4-2-R Lutron Hi-Lume PEQOE EcoSystem 0.1% Dimming *Not available with remote option.	RT REMOTE Mounted Power Supply for PR1 Driver Option RT-1L REMOTE Mounted Power Supply for EL1, EL1-01, EL2, EL2-01, or LU4 Driver Options *For use with 202-R-RM-RT or 202-R-BV-RM-RT Light Engines only. Leave blank for in- tegral dimming options.

TRIM OPTIONS	TRIM FINISH	TRIM MOUNTING ACCESSORIES (Optional)	TRIM ACCESSORIES (Optional)
 FLR-2 4-1/4" ROUND FLAT trim with 1-7/8" aperture  FLR-2-BV 4-1/4" ROUND BEVEL trim with 2-1/4" aperture	WH WHITE OB* OIL-RUBBED BRONZE SA*† SATIN ALUMINUM SAWH*† SATIN ALUMINUM with WHITE flange *Specialty finish. †Not available with FLAT trim option.	 FR-2-RM ROUND FLANGELESS trim accessory for flush mounting FLR-2/FLR- 2-BV trims in sheetrock ceiling applications in REMODEL installations	CL2* CLEAR lens SF2* SOFT FOCUS lens *UL Wet listed.

Maximum REMOTE Driver-to-LED Light Engine Wire Length		
Driver Model		Wire Gauge
PR1-2-R-RT	EL1/EL1-01/EL2/EL2-01/LU4-2-R-RT-1L	
	8 ft (2.5 m)	24 AWG (0.2 mm ²)
	13 ft (4 m)	22 AWG (0.34 mm ²)
	20 ft (6 m)	20 AWG (0.5 mm ²)
	30 ft (9 m)	18 AWG (.75 mm ²)
	35 ft (10.5 m)	16 AWG (1.5 mm ²)
	50 ft (15 m)	14 AWG (2.5 mm ²)
	100 ft (30 m)	12 AWG (4.0 mm ²)
Wire Type: Stranded Class 2 wire (supplied by others)		

Light Engine, LED, Optic Option, and Accessory Notes

202-R-RM(-RT)/202-R-BV-RM(-RT) Adjustable airtight REMODEL light engine with 0-30° tilt and 360° rotation for ROUND FLAT/BEVEL trim. Use for adjustable accent and general lighting applications. **202-R-RM/202-R-BV-RM** for use with INTEGRAL power supply and **202-R-RM-RT/202-R-BV-RM-RT** for use with REMOTE mounted power supply. To ensure fixture to fixture color consistency, use of the same LED option with adjacent fixtures is recommended. One field interchangeable optic option included standard. Up to one additional optical accessory can be accommodated.

Installation Notes

Accommodates sheetrock/wood/stone (tile) ceilings with thicknesses ranging from 1/2" (min) - 1-1/2" (max). Requires 5-1/2" (min) ceiling space above finished ceiling. Type Non-IC rated for installations where insulation is held back a minimum of 3" away from sides and top. Meets Washington State Airtight Standard WAC 51-11-0502 and in accordance with ASTM E283 to reduce energy loss. Ambient temperatures in ceiling space should not exceed 40°C (104°F) during normal operation.

Driver and Output Option Notes

0-10v driver options are configured for linear control. DALI driver options are configured for logarithmic control. No.8 Lighting conducts extensive testing to establish compatibility with many dimmer types. For a complete list of compatible dimmers, see 8lighting.com/resources-downloads. Outputs vary depending on LED type, trim type, and optical accessories used. For photometric files in PDF and IES formats, see: 8lighting.com/200-series-photometry.

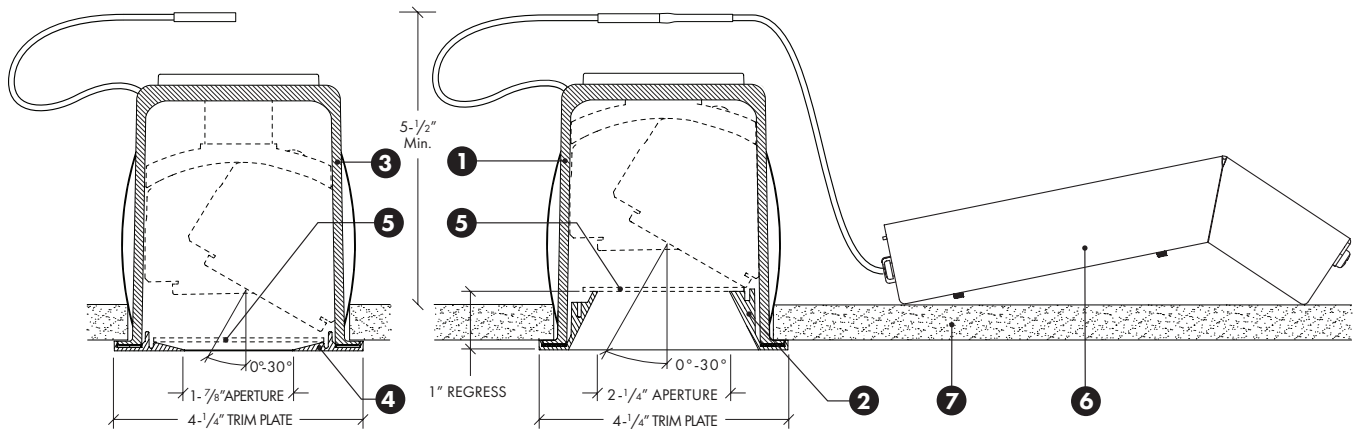
Trim Finish and Accessory Notes

White trim finish is field paintable to match ceiling color. Lot variations may occur with specialty finishes. Ordering ALL trim kits at the same time is recommended to minimize finish variations. Trim lens accessories are factory installed into trim plates and are UL WET LISTED and rated for use in DRY, DAMP, or WET locations (covered ceiling applications only). Approved for use in residential steam applications. Not for use in commercial steam applications.

Warranty

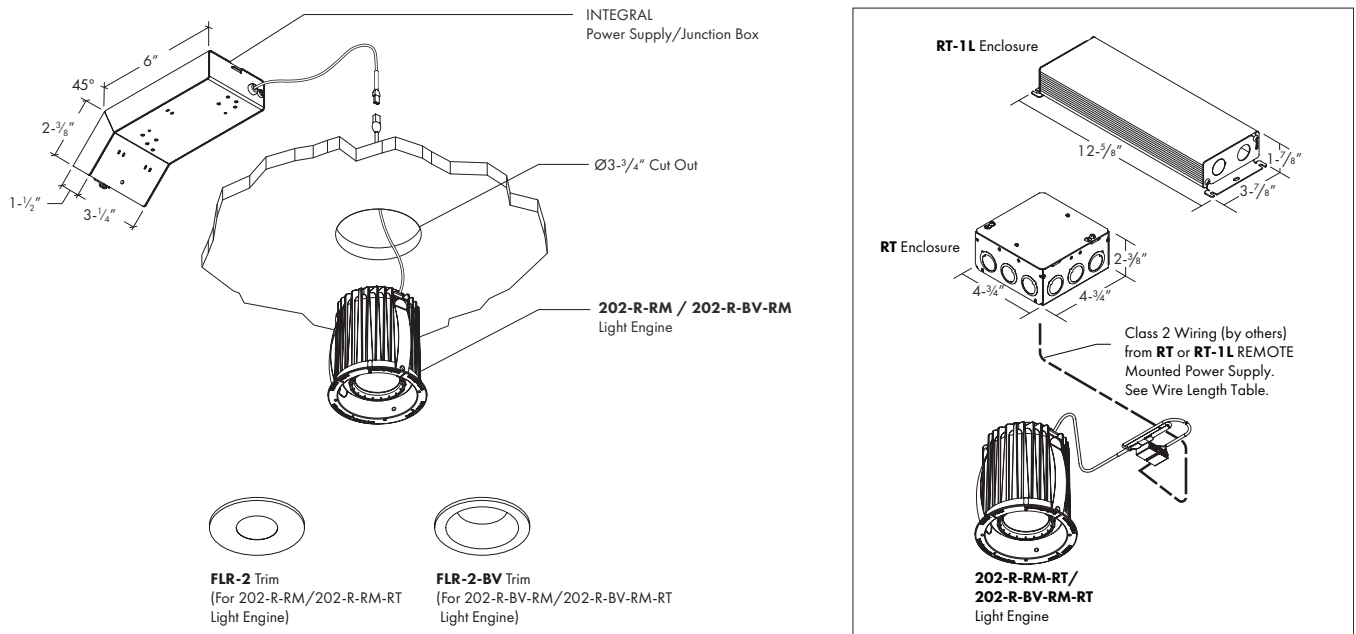
All No. 8 Lighting products are covered by a 5 year limited warranty. Products installed in residential steam applications are covered by a 2 year limited warranty. For specific warranty details and limitations, see: 8lighting.com/resources-downloads.

202-R-RM(-RT)/202-R-BV-RM(-RT) REMODEL FIXTURE ASSEMBLY with FLANGED TRIM INSTALLATION



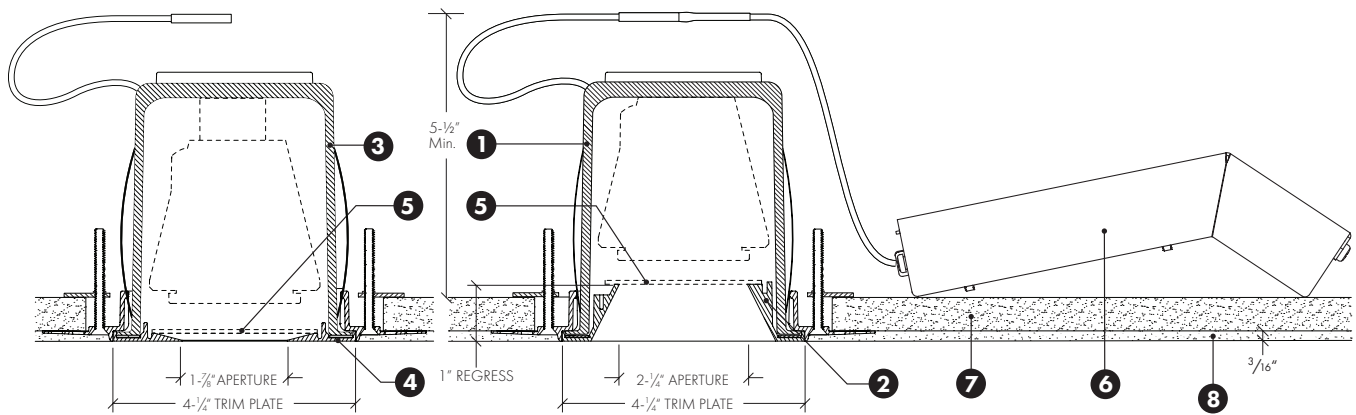
- 1) **202-R-BV-RM /202-R-BV-RM-RT** Adjustable ROUND Light Engine for BEVEL Trim.
- 2) **FLR-2-BV** Flanged ROUND BEVEL Trim.
- 3) **202-R-RM/202-R-RM-RT** Adjustable ROUND Light Engine for FLAT Trim.
- 4) **FLR-2** Flanged ROUND FLAT Trim.
- 5) **CL2/SF2** (Optional) Clear or Soft Focus lens rated for use in DRY, DAMP, or WET locations (covered ceiling applications only).
- 6) **Integral Power Supply/Junction Box** (shown) Installs from below finished ceiling and is accessible after installation. Requires 5-1/2" (Min.) clearance above ceiling for installation. **RT/RT-1L Remote Power Supply/Junction Box** (not shown) can be mounted up to 100ft from fixture using 12AWG Class 2 stranded wire. See wire length table on Page 2.
- 7) **Ceiling Material** (Sheetrock/Wood/Stone) Accommodates ceiling thicknesses from 1/2" (min) to 1-1/2" (max) without affecting aiming or rotation.

202-R-RM(-RT)/202-R-BV-RM(-RT) REMODEL FIXTURE ASSEMBLY with FLANGED TRIM INSTALLATION



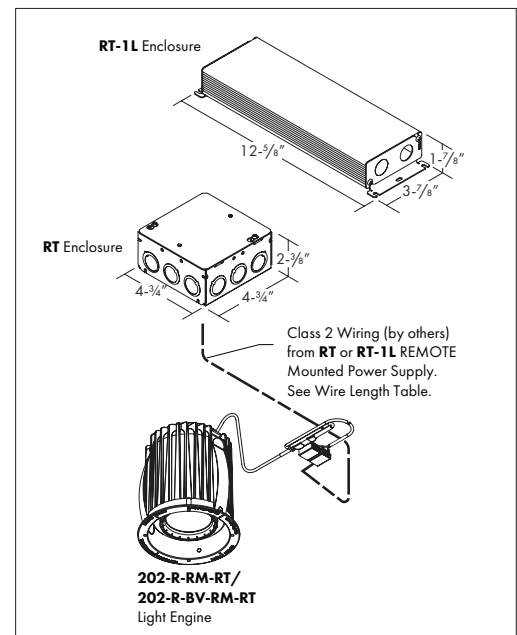
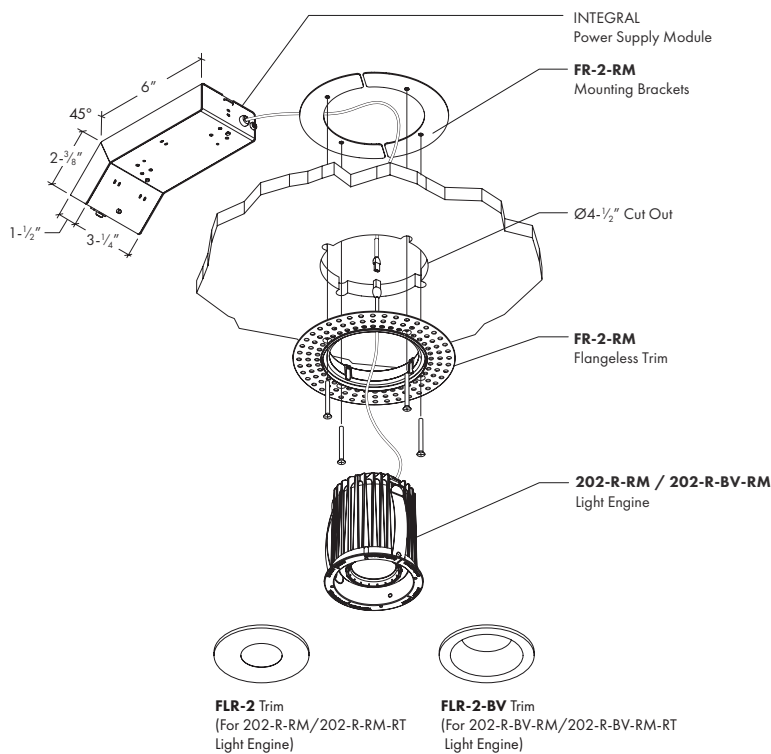
CEILING TYPES: Sheetrock, Wood & Stone | **CEILING THICKNESS:** 1/2" Min to 1-1/2" Max | **CUT-OUT:** Ø 3-3/4"

202-R-RM(-RT)/202-R-BV-RM(-RT) REMODEL FIXTURE ASSEMBLY with FR-2-RM FLANGELESS TRIM INSTALLATION



- 1) **202-R-BV-RM/202-R-BV-RM-RT** Adjustable ROUND Light Engine for BEVEL Trim.
- 2) **FLR-2-BV** Flanged ROUND BEVEL Trim + **FR-2-RM** ROUND FLANGELESS Trim accessory.
- 3) **202-R-RM/202-R-RM-RT** Adjustable ROUND Light Engine for FLAT Trim.
- 4) **FLR-2** Flanged ROUND FLAT Trim + **FR-2-RM** ROUND FLANGELESS Trim accessory.
- 5) **CL2/SF2** (Optional) Clear or Soft Focus lens rated for use in DRY, DAMP, or WET locations (covered ceiling applications only).
- 6) **Integral Power Supply/Junction Box** (shown) Installs from below finished ceiling and is accessible after installation. Requires 5-1/2" (Min.) clearance above ceiling for installation. **RT/RT-1L Remote Power Supply/Junction Box** (not shown) can be mounted up to 100ft from fixture using 12AWG Class 2 stranded wire. See wire length table on Page 2.
- 7) **Ceiling Material** (Sheetrock) Accommodates ceiling thicknesses from 1/2" (min) to 1-1/2" (max) without affecting aiming or rotation.
- 8) **Ceiling Finish** (Drywall Compound or Plaster) Accommodates 3/16" finish thickness. Minimum level 4 or 5 finish recommended.

202-R-RM(-RT)/202-R-BV-RM(-RT) REMODEL FIXTURE ASSEMBLY with FR-2-RM FLANGELESS TRIM INSTALLATION



CEILING TYPES: Sheetrock | **CEILING THICKNESS:** 1/2" Min to 1-1/2" Max | **CUT-OUT:** Ø 4-1/2"

202-R-BV-RM w/ FLR-2-BV TRIM - PERFORMANCE SUMMARY

LED	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	2700K	93+	66	899 - 1074	13.5	67 - 81
HI-30	3000K	93+	68	935 - 1116	13.5	70 - 84
HI-35	3500K	93+	73	957 - 1142	13.5	72 - 86
HI-40	4000K	93+	70	979 - 1168	13.5	73 - 88
WD-5	3000-1800K	92+	78	767 - 919	13.5	56 - 69
WD-6	2800-2200K	92+	67	753 - 898	13.5	56 - 67
WD-7	3000-2200K	92+	68	800 - 954	13.5	60 - 71

Performance range for **HI** LED with 15°, 25°, 40°, and 60° optic options.

Performance range for **WD-5** and **WD-7** LED at 3000K and **WD-6** at 2800K with 15-NSP-WD, 25-NSP-WD, 40-NSP-WD, and 60-NSP-WD optic options.

202-R-BV-RM w/ FLR-2-BV TRIM - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

HI-27, HI-30, HI-35 & HI-40 LED							WD-5, WD-6, & WD-7 LED	
OPTIC OPTIONS	BEAM ANGLE	BEAM ENHANCING LENS (OPTIONAL)*					OPTIC OPTIONS	BEAM ANGLE
		+ NSP	+ NFL	+ FL	+ WFL	+ LS		
15 Narrow Spot	21°	23°	31°	46°	47°	23 x 40°	15-NSP-WD Spot	19°
25 Narrow Flood	30°	31°	36°	52°	55°	29 x 47°	25-NSP-WD Narrow Flood	28°
40 Flood	36°	38°	41°	n/a	n/a	n/a	40-NSP-WD Flood	37°
60 Wide Flood	58°	59°	60°	n/a	n/a	n/a	60-NSP-WD Wide Flood	58°

*Beam enhancing lens used in combination with **HI** LED option and 15°, 25°, 40°, or 60° optic to achieve desired beam spread (**HI** LED only)

202-R-BV-RM w/ FLR-2-BV TRIM - CONE OF LIGHT DIAGRAMS

202-R-BV-RM-HI-30 w/ FLR-2-BV 2-1/4" APERTURE TRIM

15° - Narrow Spot	25° - Narrow Flood	40° - Flood	60° - Wide Flood
2 ft - 1,498 fc	2ft - 808 fc	2ft - 656 fc	2ft - 335 fc
4 ft - 375 fc	4ft - 202 fc	4ft - 164 fc	4ft - 84 fc
6 ft - 166 fc	6ft - 90 fc	6ft - 73 fc	6ft - 37 fc
8 ft - 94 fc	8ft - 51 fc	8ft - 41 fc	8ft - 21 fc
10 ft - 60 fc	10ft - 32 fc	10ft - 26 fc	10ft - 13 fc
CBCP: 5,993 cd	CBCP: 3,232 cd	CBCP: 2,623 cd	CBCP: 1,345 cd

202-R-BV-RM-WD-5 w/ FLR-2-BV 2-1/4" APERTURE TRIM

15-NSP-WD - Spot	25-NSP-WD - Narrow Flood	40-NSP-WD - Flood	60-NSP-WD - Wide Flood
2 ft - 1,239 fc	2ft - 703 fc	2ft - 514 fc	2ft - 278 fc
4 ft - 310 fc	4ft - 176 fc	4ft - 128 fc	4ft - 70 fc
6 ft - 138 fc	6ft - 78 fc	6ft - 57 fc	6ft - 31 fc
8 ft - 77 fc	8ft - 44 fc	8ft - 32 fc	8ft - 17 fc
10 ft - 50 fc	10ft - 28 fc	10ft - 21 fc	10ft - 11 fc
CBCP: 4,956 cd	CBCP: 2,812 cd	CBCP: 2,055 cd	CBCP: 1,121 cd

Performance shown for 3000K. Output varies by CCT.

202-R-RM w/ FLR-2 TRIM - PERFORMANCE SUMMARY

LED	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	2700K	93+	66	768 - 920	13.5	56 - 69
HI-30	3000K	93+	67	798 - 956	13.5	58 - 72
HI-35	3500K	93+	73	817 - 978	13.5	59 - 74
HI-40	4000K	93+	70	835 - 1001	13.5	61 - 75
WD-5	3000-1800K	92+	79	674 - 795	13.5	50 - 59
WD-6	2800-2200K	92+	67	652 - 778	13.5	48 - 58
WD-7	3000-2200K	92+	68	683 - 815	13.5	51 - 61

Performance range for **HI** LED with 15°, 25°, 40°, and 60° optic options.

Performance range for **WD-5** and **WD-7** LED at 3000K and **WD-6** at 2800K with 15-NSP-WD, 25-NSP-WD, 40-NSP-WD, and 60-NSP-WD optic options.

202-R-RM w/ FLR-2 TRIM - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

HI-27, HI-30, HI-35 & HI-40 LED							WD-5, WD-6, & WD-7 LED	
OPTIC OPTIONS	BEAM ANGLE	BEAM ENHANCING LENS (OPTIONAL)*					OPTIC OPTIONS	BEAM ANGLE
		+ NSP	+ NFL	+ FL	+ WFL	+ LS		
15 Narrow Spot	17°	18°	25°	36°	46°	18 x 32°	15-NSP-WD Spot	17°
25 Narrow Flood	28°	28°	32°	43°	52°	27 x 40°	25-NSP-WD Narrow Flood	27°
40 Flood	35°	36°	38°	n/a	n/a	n/a	40-NSP-WD Flood	36°
60 Wide Flood	51°	52°	53°	n/a	n/a	n/a	60-NSP-WD Wide Flood	51°

*Beam enhancing lens used in combination with **HI** LED option and 15°, 25°, 40°, or 60° optic to achieve desired beam spread (**HI** LED only)

202-R-RM w/ FLR-2 TRIM - CONE OF LIGHT DIAGRAMS

202-R-RM-HI-30 w/ FLR-2 1-7/8" APERTURE TRIM

15° - Narrow Spot	25° - Narrow Flood	40° - Flood	60° - Wide Flood
2 ft - 1,622 fc Ø0.6 ft	2ft - 854 fc Ø1.0 ft	2ft - 668 fc Ø1.3 ft	2ft - 342 fc Ø1.9 ft
4 ft - 406 fc Ø1.2 ft	4ft - 214 fc Ø2.0 ft	4ft - 167 fc Ø2.5 ft	4ft - 85 fc Ø3.8 ft
6 ft - 180 fc Ø1.8 ft	6ft - 95 fc Ø3.0 ft	6ft - 74 fc Ø3.8 ft	6ft - 38 fc Ø5.7 ft
8 ft - 101 fc Ø2.3 ft	8ft - 53 fc Ø3.9 ft	8ft - 42 fc Ø5.0 ft	8ft - 21 fc Ø7.6 ft
10 ft - 65 fc Ø2.9 ft	10ft - 34 fc Ø4.9 ft	10ft - 27 fc Ø6.3 ft	10ft - 14 fc Ø9.5 ft
CBCP: 6,489 cd	CBCP: 3,418 cd	CBCP: 2,674 cd	CBCP: 1,384 cd

202-R-RM-WD-5 w/ FLR-2 1-7/8" APERTURE TRIM

15-NSP-WD - Spot	25-NSP-WD - Narrow Flood	40-NSP-WD - Flood	60-NSP-WD - Wide Flood
2 ft - 1,327 fc Ø0.6 ft	2ft - 728 fc Ø1.0 ft	2ft - 512 fc Ø1.3 ft	2ft - 270 fc Ø1.9 ft
4 ft - 332 fc Ø1.2 ft	4ft - 182 fc Ø1.9 ft	4ft - 128 fc Ø2.6 ft	4ft - 68 fc Ø3.8 ft
6 ft - 147 fc Ø1.8 ft	6ft - 81 fc Ø2.9 ft	6ft - 57 fc Ø3.9 ft	6ft - 30 fc Ø5.8 ft
8 ft - 83 fc Ø2.4 ft	8ft - 45 fc Ø3.8 ft	8ft - 32 fc Ø5.3 ft	8ft - 17 fc Ø7.7 ft
10 ft - 53 fc Ø3.0 ft	10ft - 29 fc Ø4.8 ft	10ft - 20 fc Ø6.6 ft	10ft - 11 fc Ø9.6 ft
CBCP: 5,309 cd	CBCP: 2,912 cd	CBCP: 2,047 cd	CBCP: 1,084 cd

Performance shown for 3000K. Output varies by CCT.