

GD2AS

2" Gravity Square LED Adjustable

ELECTRICAL DATA

LED Light Engine	Nominal Delivered Lumens*	System Wattage**
L1	700lm @ 3000K / 82CRI	10 Watts
L2	1000lm @ 3000K / 82CRI	15 Watts
L3	1200lm @ 3000K / 82CRI	20 Watts

* Delivered Lumens will vary depending on CCT, CRI, optic and reflector finish.

** System Wattage includes driver and LED Module consumption.

FEATURES

- Field changeable 16° to 60° Optics
- Integral field changeable accessory holder
- Toolless adjustability with 360° of rotation in 90° increments & 45° of tilt
- In-field adjustable module height accommodates 1/2" to 1-1/4" ceiling thickness

LED LIGHT ENGINE

- 10W, 15W & 20W
- 16° to 60° Optics: 2 SDCM, 82/92CRI in 2700K, 3000K, 3500K & 4000K
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

OPTICS

- Field changeable 16° Spot, 24° Narrow Flood, 36° Flood, 48° Wide Flood and 60° Very Wide Flood
- Accepts (2) field changeable filter media

ELECTRICAL SYSTEM

- 120V/277V input; Power factor >.9, 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.

HOUSING

- Heavy duty black powder coated 18 gauge steel frame
- Accommodates 1/2" to 1-1/4" Ceilings
- Integral driver compartment with below ceiling access

EMERGENCY BACKUP

- Remote test switch included. External Battery operates LED load @ 725 nominal delivered Lumens. Servicing requires above ceiling access.
- Available with IC and AIC housings only.

INSTALLATION

- IC and Non-IC Rated housing types, must specify. (Remodel housings are Non-IC only) Non-IC rated housings must be kept at a minimum of 3" away from insulation
- Remodel housings requires 5-1/2" of plenum space for installation and servicing.
- Adjustable (10-3/4" to 25") joist/grid ceiling bar hangers included (Hanger bars does not allow for height adjustments)

REFLECTOR

- Specification grade 1.0mm spun aluminum reflector
- Shallow cone for maximum flexibility and 45° of adjustability
- Reflector available in black, white or haze finishes (Consult factory for other finishes)
- Architectural, discrete polished self flange (**Note:** Not available with trimless trims)

DIMMING

- Phase dimming, Forward 1% & Reversed 5% (120V only)
- 0-10V 1% Dimming 1%
- eldoLED SOLOdrive 0-10V 0.1%
- eldoLED ECOdrive 0-10V 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology

REMOTE BOX

- Remote box included when required by specification (eldoLED or Lutron dimming option). Available with IC and AIC housings only.
- Above ceiling access required for servicing
- Galvanized steel construction with separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum

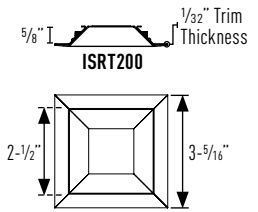
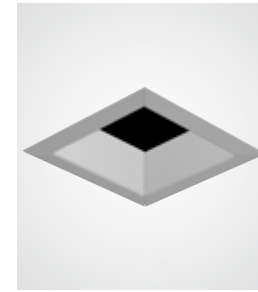
LISTING / WARRANTY

- 5-Year Intense LED Limited Warranty
- ETL Listed to US and Canadian standards for damp locations
- (-IC / -AIC Only) ETL listed for direct contact w/insulation
- (-AIC Only) Air-Tight Certified ASTM E283.
- (-AIC Only) Can be used to comply with Title 24, Part 6, JA8 high efficacy LED light source requirements



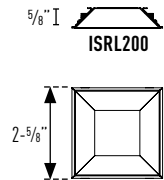
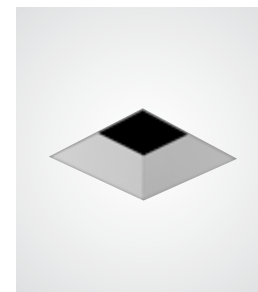
JOB NAME	CATALOG NUMBER
NOTES	TYPE

Trimmed Reflectors

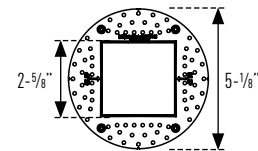


Ceiling Cutout: 2-7/8"

Trimless Reflectors



Ceiling Cutout: 2-7/8"



Trimless Mud Flanged:

Perforated collar for seamless and trimless mounting. Must be ordered separately and can only be used in conjunction with trimless trims.

Available Trim Finishes



Housing Part Number: (Example: GD2ASNCL1279DIMSP)

Housing	Installation Type	Wattage	CCT / CRI	Dimming	Voltage	Optic	Options
GD2AS	NC (New Cons Non-IC) NIC ¹ (New Cons IC-Rated) NAIC ¹ (New Cons Air-Tight IC) RC (Remodel Non-IC)	L1 (10W)	27 (2700K / 82CRI)	DIM ² (Phase Dimming) D101 (0-10V Dimming 1%) ED10V1 ^{1,3} (eldoLED 0-10V 1%) ED10V01 ^{1,3} (eldoLED 0-10V 0.1%) LUT ^{1,3} (Lutron® LDE1 EcoSystem 1%)	blank (120V) 27 (277V)	SP (16° SP) NF (24° NFL) FL (36° FL) WF (48° WFL) VF (60° VFL)	EM7 ^{1,3,5} (7W Emergency Backup IOTA part #ILB-CP07-A)
		L2 (15W)	279 (2700K / 92CRI)				
		L3 (20W)	30 (3000K / 82CRI)				
			309 (3000K / 92CRI)				
			35 (3500K / 82CRI)				
			359 (3500K / 92CRI)				
			40 (4000K / 82CRI)				
			409 (4000K / 92CRI)				

Reflector Part Number: (Example: ISRT200W-SF)

Reflector	Reflector Finish	Trim
ISRT200 (5/8" Regress Trim)	W (White)	-SF (Self Flanged)
ISRL200 ⁶ (5/8" Regress Trimless)	B ⁶ (Black)	blank ⁶ (Trimless)
	HZ (Haze)	

Optional Accessory

GD2S-MR⁵ Square Trimless Mud Ring

Filter Media

PFL2-45 Hex Louver
PFL4-45 Soft Focus Film
PFL-LS-45 Linear Spread

Notes:

- Not available with L3
- Available in 120V only
- Remote driver box required for eldoLED, Lutron and EM back up. Compatible with IC and AIC rated housings only.
- Emergency backup available with IC and AIC housings only
- Trimless options are for use with mud ring accessory only
- Consult factory for lead times

GRAVITY LM-0906.23 P-7

Intense Lighting

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

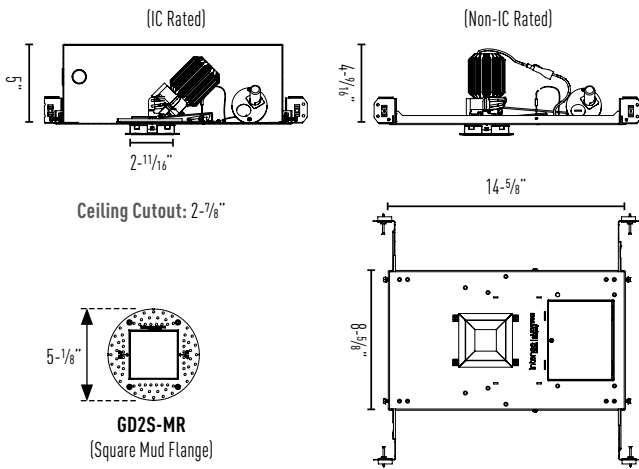
©2023 Intense Lighting, LLC. All rights reserved. Subject to change without notice.

GD2AS

2" Gravity Square LED Adjustable

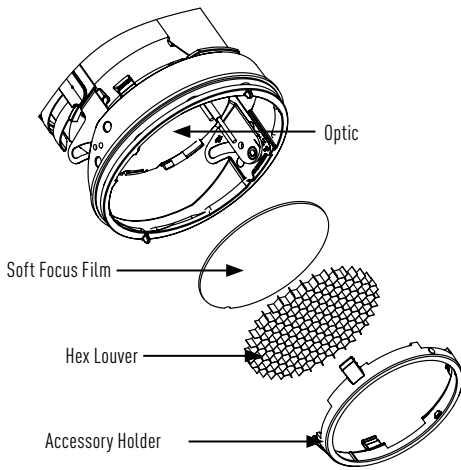
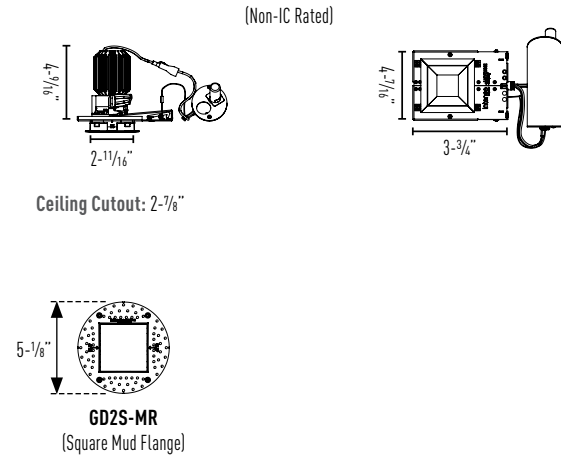
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

New Construction Dimension (IC & Non-IC):



Remodel Dimension (Non-IC):

Remodel housings requires 5-1/2" of plenum space for installation and servicing.



Optics

- IP-OP45SP** (16° Spot)
- IP-OP45NF** (24° Narrow Flood)
- IP-OP45FL** (36° Flood)
- IP-OP45WF** (48° Wide Flood)
- IP-OP45VF** (60° Very Wide Flood)

Accessories

- PFL2-45** Hex Louver
- PFL4-45** Soft Focus Film
- PFL-LS-45** Linear Spread

Remote Mounted Driver

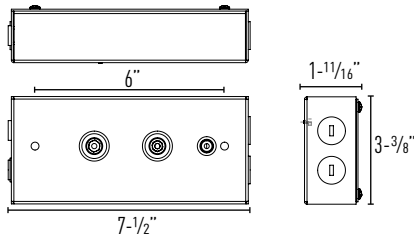
(For use with IC/AIC housings with eldoLED or Lutron dimming option)

- Remote box included when required by specification (eldoLED or Lutron dimming option). Available with IC and AIC housings only.
- Above ceiling access required for servicing
- Galvanized steel construction with separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum

Remote Driver Box For Dimming Options

- eldoLED 0-10V 1%
- eldoLED 0-10V 0.1%
- Lutron® LDE1 EcoSystem 1%
- Lutron® LTEA2W 2-Wire 1%

Note: Wires for class 2 LED driver require a minimum of 18 awg wire at a maximum of 50 feet length per local and national electrical regulations.



GD2AS

2" Gravity Square LED Adjustable

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ISRT200WL3

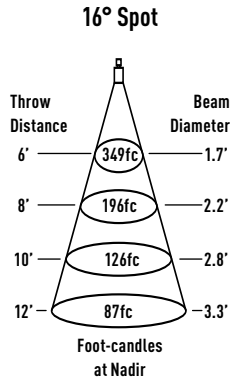
Report #: ILL-20190114-1 (16)
 ILL-20190114-1 (24)
 ILL-20190114-1 (36)
 ILL-20190114-1 (48)
 ILL-20190114-1 (60)

LED PACKAGE MULTIPLIERS:
 ISRT200WL1 (x 0.58)
 ISRT200WL2 (x 0.82)

ISRT200 (%/° REGRESS)
 Trim Multiplier (x 0.99)

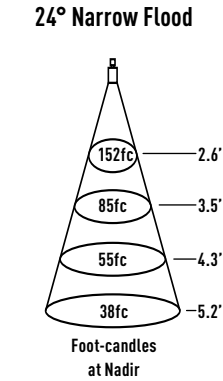
CCT MULTIPLIERS:

	82CRI	92CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4000K	(x 1.00)	(x 0.87)



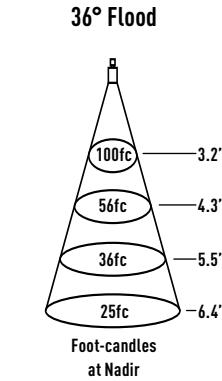
Watts: 20 LPW: 67
 Lumens: 1346 CCT: 3000K

Intensity	
Degree	CBCP
0°	12563
5°	10964
15°	1301
25°	133
35°	30
45°	11



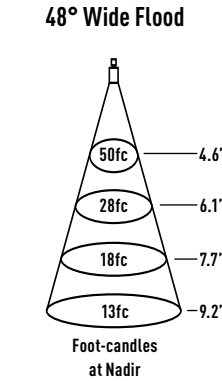
Watts: 20 LPW: 62
 Lumens: 1245 CCT: 3000K

Intensity	
Degree	CBCP
0°	5468
5°	4777
15°	1939
25°	429
35°	82
45°	17



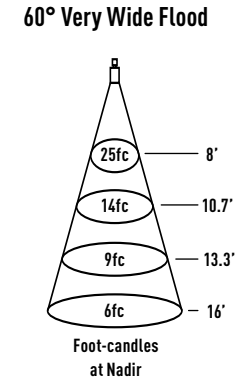
Watts: 20 LPW: 59
 Lumens: 1190 CCT: 3000K

Intensity	
Degree	CBCP
0°	3611
5°	3352
15°	1803
25°	556
35°	144
45°	28



Watts: 20 LPW: 54
 Lumens: 1080 CCT: 3000K

Intensity	
Degree	CBCP
0°	1801
5°	1727
15°	1273
25°	658
35°	275
45°	79



Watts: 20 LPW: 49
 Lumens: 993 CCT: 3000K

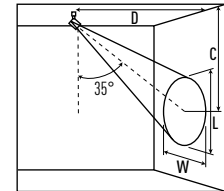
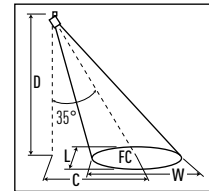
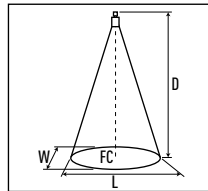
Intensity	
Degree	CBCP
0°	908
5°	894
15°	822
25°	643
35°	420
45°	164

APPLICATION DATA:

W and L are the outer points where the candle power drops to 50% of maximum. FC are the initial foot candles at the center of the beam.

- W: Beam width
- L: Beam length
- C: Distance to center of beam
- D: Distance
- FC: Foot-candles

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.



	0° HORIZONTAL				35° HORIZONTAL				35° VERTICAL					
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
ISRT200WL2WL3 3000K 16° Spot	6'	349	1.7	1.7	6'	4.2	192	2.6	2.1	3'	4.3	263	1.5	2.8
	8'	196	2.2	2.2	8'	5.6	108	3.5	2.9	4'	5.7	148	2	3.7
	10'	126	2.8	2.8	10'	7	69	4.4	3.6	5'	7.1	95	2.5	4.6
	12'	87	3.3	3.3	12'	8.4	48	5.3	4.3	6'	8.6	66	3.1	5.5
ISRT200WL2WL3 3000K 24° Narrow Flood	6'	152	2.6	2.6	6'	4.2	83	3.9	3.2	3'	4.3	115	2.3	4.3
	8'	85	3.5	3.5	8'	5.6	47	5.2	4.2	4'	5.7	64	3	5.8
	10'	55	4.3	4.3	10'	7	30	6.5	5.3	5'	7.1	41	3.8	7.2
	12'	38	5.2	5.2	12'	8.4	21	7.8	6.3	6'	8.6	29	4.5	8.6
ISRT200WL2WL3 3000K 36° Flood	6'	100	3.2	3.2	6'	4.2	55	5	4	3'	4.3	75.7	2.8	5.7
	8'	56	4.3	4.3	8'	5.6	31	6.6	5.3	4'	5.7	42.6	3.8	7.6
	10'	36	5.5	5.5	10'	7	20	8.3	6.6	5'	7.1	27.3	4.7	9.5
	12'	25	6.4	6.4	12'	8.4	14	10	7.9	6'	8.6	19	5.6	11.4
ISRT200WL2WL3 3000K 48° Wide Flood	6'	50	4.6	4.6	6'	4.2	28	7.3	5.6	3'	4.3	38	4	9.8
	8'	28	6.1	6.1	8'	5.6	15	9.7	7.5	4'	5.7	21	5.3	13.1
	10'	18	7.7	7.7	10'	7	10	12.2	9.4	5'	7.1	14	6.7	16.3
	12'	13	9.2	9.2	12'	8.4	7	14.6	11.2	6'	8.6	9	8	19.6
ISRT200WL2WL3 3000K 60° Very Wide Flood	6'	25	8	8	6'	4.2	14	15.2	9.8	3'	4.3	19	7	122
	8'	14	10.7	10.7	8'	5.6	8	20.2	13	4'	5.7	10.7	9.3	162
	10'	9	13.3	13.3	10'	7	5	25.3	16.3	5'	7.1	6.9	11.6	203
	12'	6	16	16	12'	8.4	3	30.3	19.5	6'	8.6	4.8	14	244

Intense Lighting