



JOB NAME:

CAT#:

TYPE:

APPLICATIONS

The RDIS LED is a specification grade, Volumetric Recessed LED Luminaire which provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened appearance to the modern office environment.

Housing is die-formed and embossed code 22 gauge steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Earthquake clips are standard. Center diffuser snaps into place; no tools are required for removal. Listed by and bears ETL label.

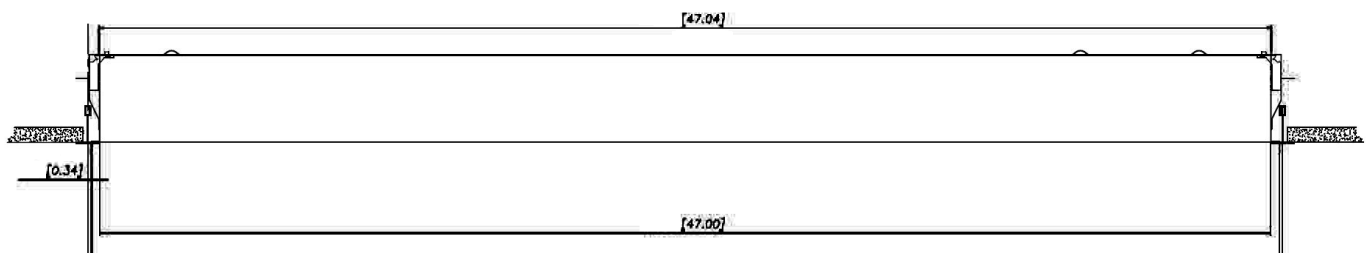
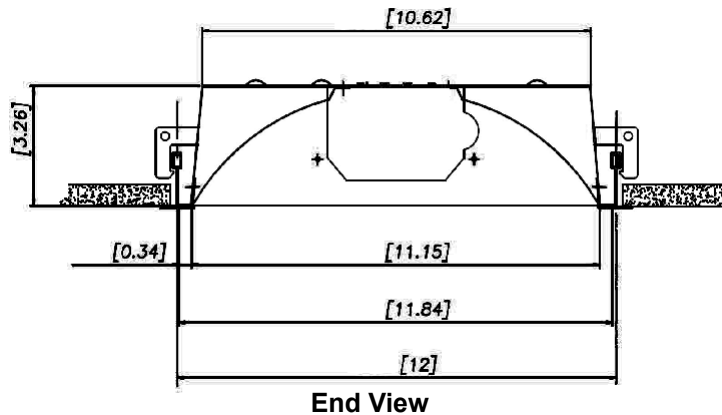


FEATURES & BENEFITS

- Volumetric recessed luminaire provides a low glare light source
- Matte white reflective surface for soft, uniform light distribution
- Multiple diffuser options available
- Min CRI 82
- IC Rated
- Easy access plate for quick wiring
- $cETL_{US}$ listed for damp locations up to 67 watts
- DLC listed on certain models
- 5 year warranty

DIMENSIONS

1x4





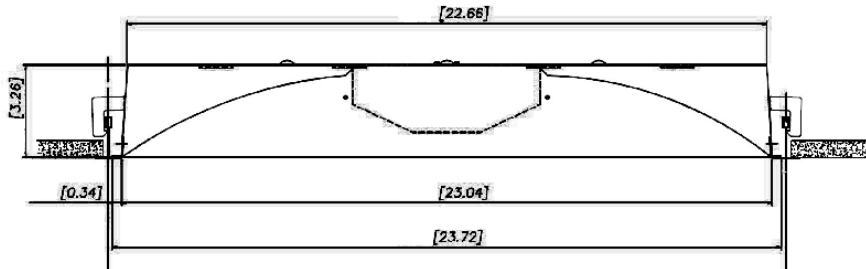
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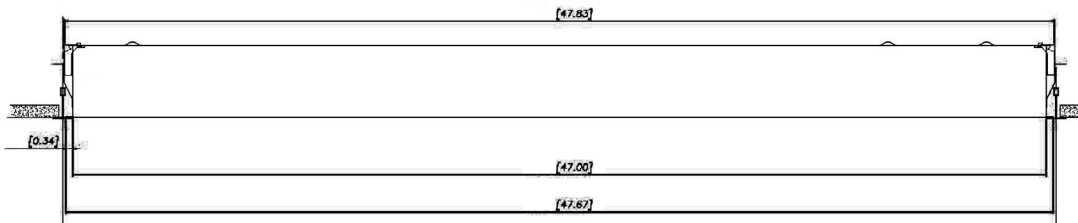
TYPE:

DIMENSIONS

2x4

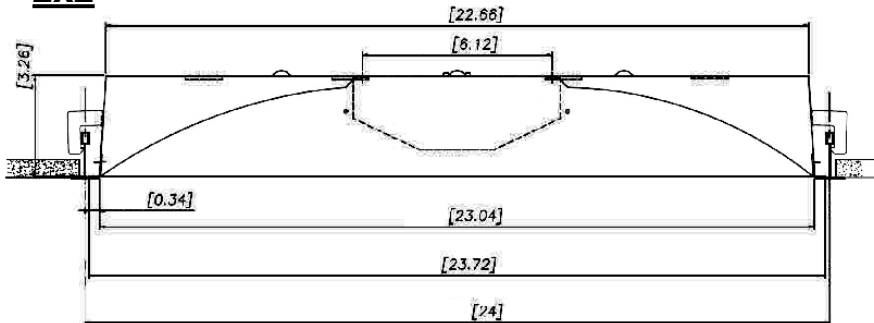


End View

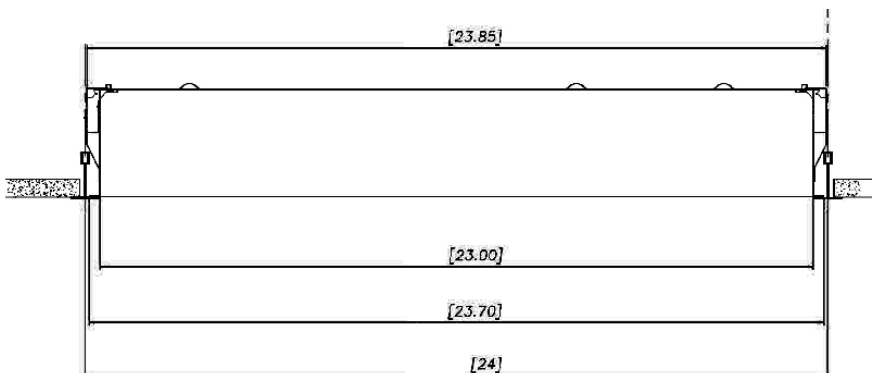


Side View

2x2



End View



Side View





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ORDERING

EXAMPLE: REDIS 14 LED 28 DMV FR 30 EM SS WP

REDIS		LED					
1. SERIES	2. SIZE	3. GEAR	4. WATTAGE/LUMENS	5. DRIVER	6. LENS/BASKET	7. COLOR TEMP	
REDIS	14 1x4 Nominal	LED	<u>1x4</u> 15 15 Watts 1950 Lumens	DMV 120-277V Multivolt 0-10V Dimmable	FR Frosted	30	3000K
	22 2x2 Nominal		20 20 Watts 2600 Lumens	SDMV Step dimming Multivolt	PF Perforated Basket w/ inlay	35	3500K
	24 2x4 Nominal		25 25 Watts 3250 Lumens	D347 347VAC 0-10V Dimming		40	4000K
			33 33 Watts 4290 Lumens	TDMV Triac Dimming 120-277VAC		50	5000K
			<u>2x4</u> 20 20 Watts 2880 Lumens	D120 Triac Dimming 120VAC			
			25 25 Watts 3600 Lumens	D277 Triac Dimming 277VAC			
			30 30 Watts 4320 Lumens				
			35 35 Watts 5040 Lumens				
			40 40 Watts 5760 Lumens				
			45 45 Watts 6480 Lumens				
			50 50 Watts 7200 Lumens				
			54 54 Watts 7780 Lumens				
			<u>2x2</u> 15 15 Watts 1950 Lumens				
			20 20 Watts 2600 Lumens				
			25 25 Watts 3250 Lumens				
			33 33 Watts 4290 Lumens				

8. EMERGENCY (O) ¹	9. SENSOR (O) ¹	10. CORD (O) ¹
EM Emergency Battery Pack 10W ~ 1700 lumens	SS Integrated Sensor	WP 6' 3 Wire Flexible Conduit
EM7 Emergency Battery Pack 7W ~ 1300 Lumens		
EM5 Emergency Battery Pack 5W ~ 850 Lumens		

Notes:

¹(O) is optional

NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based on environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.





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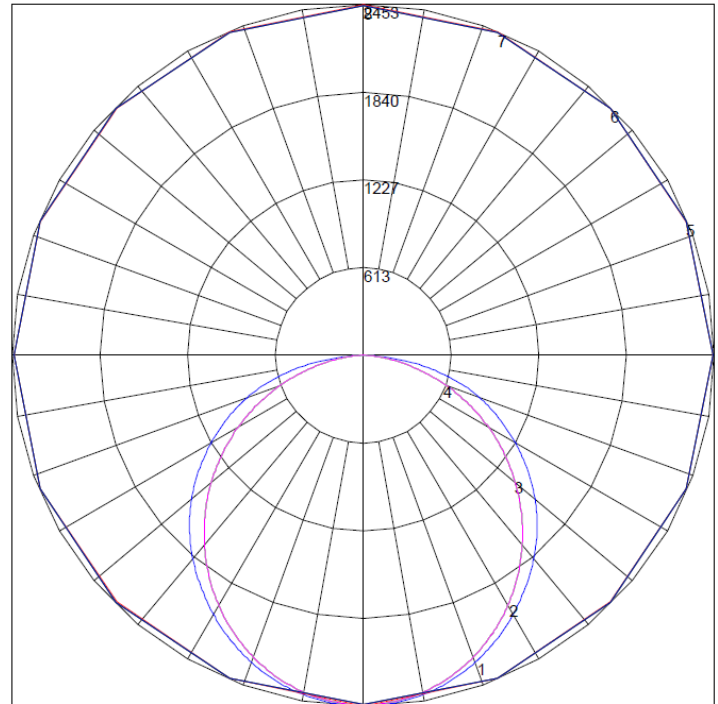
TYPE:

PHOTOMETRICS

RDIS24-LED54FRDMV30

Spacing Criterion (0-180) 1.24
Spacing Criterion (90-270) 1.28

POLAR GRAPH



Maximum Candela = 2453 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	82	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	64	59	57
4	82	69	60	53	79	68	59	53	65	58	52	63	57	51	61	55	51	48
5	75	62	53	46	73	61	52	45	58	51	45	56	50	44	55	49	44	42
6	69	55	46	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36
7	64	50	41	35	62	49	41	35	48	40	35	46	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	28	26
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23





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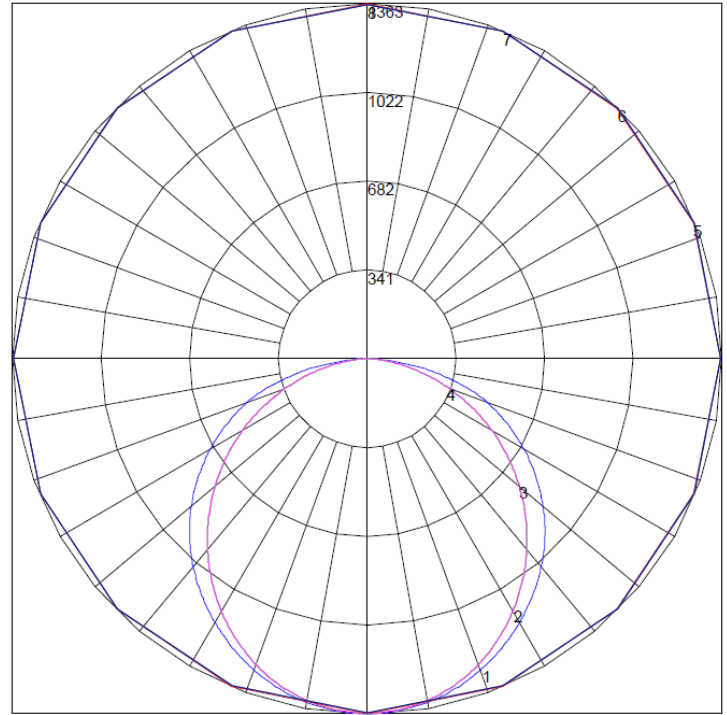
TYPE:

PHOTOMETRICS

RDIS22-LED33DMVFR30

Spacing Criterion (0-180) 124
Spacing Criterion (90-270) 1.30

POLAR GRAPH



Maximum Candela = 1363 Located At Horizontal Angle = 90, Vertical Angle = .5

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	93	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	63	87	77	69	63	74	67	62	71	65	61	69	64	60	57
4	82	69	60	54	79	68	60	53	66	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	50	43	39	37
7	64	50	41	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23

