

recessed
mondana



Design: Hartmut S. Engel and RZB
Patent Pending

features

Decorative recessed luminaire with round opal diffuser, may be mounted in wall or ceiling.

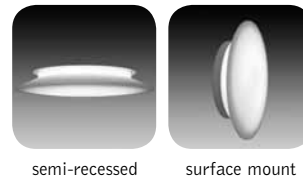
Available in 26", 21" and 14" diameters.

IP 65 rated. Clear silicone o-ring seal keeps bugs and dust out of diffuser to ensure shadow free illumination. Housing designed for both IC and non-IC rated ceilings.

Optical cavity creates uniform halo of light around housing providing a distinct visual presence.

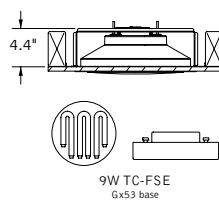
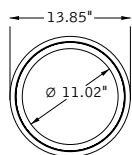
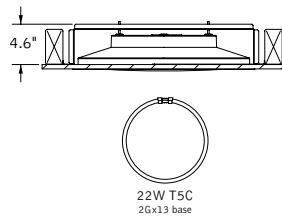
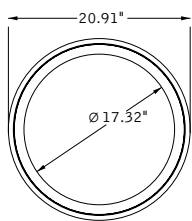
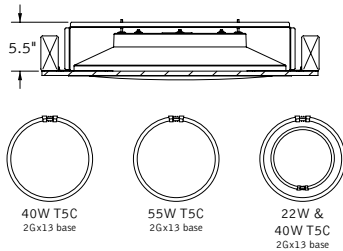
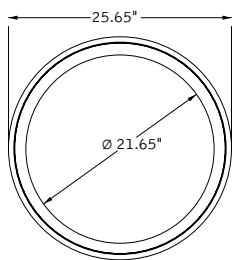
Mondana is ideally suited for corporate, hospitality or medical applications that require a luminaire with a contemporary design and clean visual appearance.

companion luminaires



semi-recessed surface mount

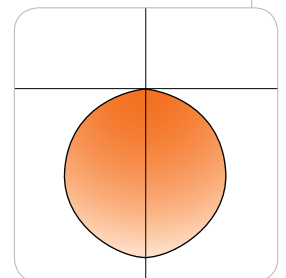
dimensional data



visit www.us.megaman.cc for additional lamp information.

performance

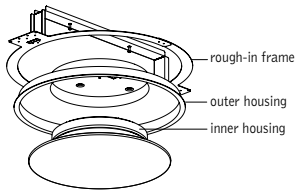
21" Diameter
1-Lamp 22W T5 Circular
62% Efficiency
386 cd @ 0°



Visit focalpointlights.com for complete photometric data.

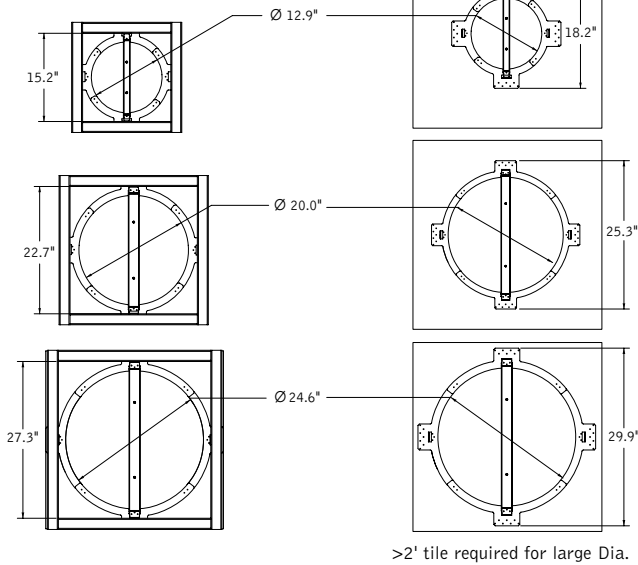
fixture:
project:

mounting information



Tile cut-out dimensions

Drywall framing dimensions



specifications

construction

Molded plastic inner housing.
One-piece 18 Ga. spun steel outer housing.
Lamps are shielded by opal white, screw-on molded plastic diffuser with clear silicone o-ring seal.
Lamp and ballast are mounted to 20 Ga. reflector.
IP65 rated.
All luminaires are provided with 18 Ga. galvanized steel rough-in frame.

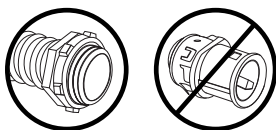
22" Dia. Weight: 15 lbs
17" Dia. Weight: 12 lbs
11" Dia. Weight: 5 lbs

optic

One-piece 20 Ga. steel reflectors finished in Matte Satin White powder coat.

electrical

Electronic ballasts are thermally protected and have a Class "P" rating.
UL and cUL listed for insulated and non insulated ceiling types.
Requires 1/2" trade size conduit with lock nut style connector, snap-in connectors are not compatible.



finish

Plastic inner housing molded in matte white finish. Outer steel housing finished in Matte Satin White.

ordering

luminaire series FMN
Mondana FMN

mounting R
Recessed R

nominal size _____
26" Diameter (ADA compliant) 26
21" Diameter (ADA compliant) 21
14" Diameter (ADA compliant) 14

lamping _____
26" Diameter
One Lamp 40W T5 Circular FC40
One Lamp 55W T5 Circular FC55
(1) 22W & (1) 40W T5 Circular FC2240

21" Diameter
One Lamp 22W T5 Circular FC22

14" Diameter
One Lamp 9W TC-FSE TC9
(Lamp is provided - 120V only)

voltage _____
120 Volt 120
277 Volt 277
(not available on TC9)
347 Volt 347
(not available on TC9)

ballast _____
Self Ballasted NPF <28% THD (TC9 only) B
Electronic Program Start <10% THD (not available on TC9) S

factory options _____
Fusing FU
(not available on TC9)
Include 3000K Lamp L830
Include 3500K Lamp L835
Include 4000K Lamp L840
(TC9 only)
Include 4100K Lamp L841
(T5 circular only)

finish WH
Matte White Housing WH

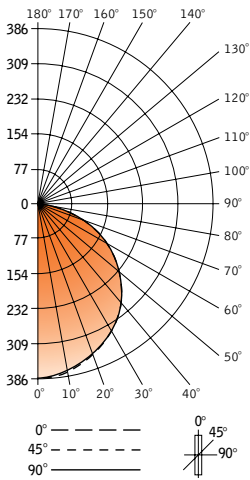
* for more information see Reference section.

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Filename: FMNR21FC22.IES
 Catalog #: FMN-R-21-FC22-1C-120-S-WH
 Efficiency: 62%
 Test #: 15379.0

CANDLEPOWER DISTRIBUTION



Vertical Angle	0°	22.5°	45°	67.5°	90°	Zonal Lumens
0°	386	386	386	386	386	
5°	383	383	383	376	380	36
15°	365	365	364	365	363	103
25°	338	338	340	341	339	157
35°	306	303	303	304	305	191
45°	260	260	260	260	261	202
55°	205	204	204	205	207	184
65°	140	142	140	140	140	140
75°	74	77	74	74	74	79
85°	21	20	22	21	21	23
90°	6	5	7	6	6	
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	1	0	0	0	2
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	2	0	0	0
180°	0	0	0	0	0	0

Spacing 1.2
 Criterion: 1.3

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	297	16.5	26.6
0°-90°	1114	61.9	100.0
90°-130°	0	0	0
90°-180°	0	0	0
Total Luminaire	0°-180° 1115	61.9	100.0

LUMINANCE DATA (CD/M²)

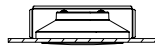
Vertical Angle	0°	45°	90°
45°	1468	1414	1420
55°	1427	1347	1367
65°	1323	1223	1223
75°	1142	999	999
85°	962	702	670

CO-EFFICIENTS OF UTILIZATION

Floor	80	70	20	50	30	10	00
Ceiling	70	50	10	50	10	50	10
Wall	74	74	74	72	72	69	69
RCR 0	74	74	74	72	72	69	69
1	68	65	62	60	66	64	59
2	62	57	53	50	60	56	49
3	57	50	46	42	55	50	41
4	52	45	39	35	51	44	35
5	47	39	34	30	46	39	30
6	44	35	30	26	42	35	26
7	40	32	26	22	39	31	22
8	37	28	23	19	36	28	19
9	34	25	20	17	33	25	17
10	31	3	19	15	32	23	15

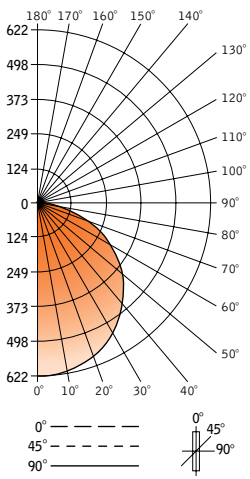
Go to www.focalpointlights.com for additional photometric data.

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Filename: FMNR26FC40.IES
 Catalog #: FMN-R-26-FC40-1C-120-S-WH
 Efficiency: 57%
 Test #: 15381.0

CANDLEPOWER DISTRIBUTION



Vertical Angle	0°	22.5°	45°	67.5°	90°	Zonal Lumens
0°	622	622	622	622	622	
5°	620	620	621	620	620	59
15°	602	603	603	603	60	171
25°	564	562	561	562	562	260
35°	506	507	504	502	506	317
45°	435	433	431	429	432	334
55°	344	337	338	340	339	304
65°	244	240	241	241	235	239
75°	127	125	126	126	120	132
85°	28	32	31	31	30	34
90°	5	7	5	6	6	
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

Spacing 1.3
 Criterion: 1.3

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	490	15.3	26.5
0°-90°	1850	57.8	100.0
90°-130°	0	0	0
90°-180°	0	0	0
Total Luminaire	0°-180° 1850	57.8	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	1626	1570	1574
55°	1585	1502	1506
65°	1526	1428	1392
75°	1297	1173	1117
85°	849	725	702

CO-EFFICIENTS OF UTILIZATION

Floor	80	70	20	50	30	10	00
Ceiling	70	50	10	50	10	50	10
Wall	69	69	69	67	67	64	64
RCR 0	69	69	69	67	67	64	64
1	63	61	58	56	62	59	55
2	58	53	49	46	56	52	46
3	53	47	43	39	52	46	39
4	49	42	37	33	47	41	33
5	44	37	32	28	43	36	28
6	41	33	28	24	39	32	24
7	37	30	24	21	36	29	21
8	34	26	21	18	33	26	18
9	32	24	19	16	31	23	15
10	29	21	17	14	29	21	14

Go to www.focalpointlights.com for additional photometric data.

Numbers indicate percentage values of reflectivity.

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