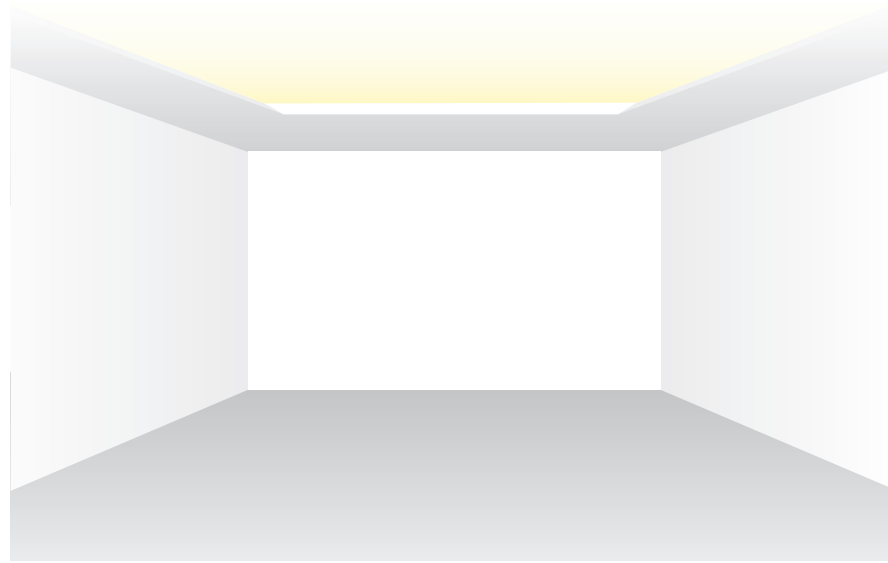


20 Mini Edgeless Cove - Coffered Application

WG 20MEC-RPT



A versatile luminaire suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

The leading edge rakes back to give the impression that the ceiling is an impossibly thin surface. The aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

These light maps show expected light levels across a room of the size indicated with a coffered ceiling detail providing indirect ambient light, created with the Mini Edgeless Cove luminaire.

The minimum, average and maximum light levels are called out for reference. Three ceiling heights are given for each scenario.

- Average Light Level
- Minimum Light Level
- Maximum Light Level

9' ceiling height

11	14	18	19	18	15	12
17	29	38	43	39	30	19
20	35	48	55	49	37	21
24	42	55	61	56	43	26
24	43	56	61	57	44	27
24	41	54	59	55	43	26
24	42	55	61	56	44	26
24	42	56	62	57	44	26
20	36	48	54	49	37	22
18	30	39	44	40	31	19
10	14	17	19	18	15	12

12' ceiling height

13	17	21	23	21	18	14
18	25	32	34	32	26	19
19	28	33	36	33	29	20
22	32	41	45	42	33	25
23	32	42	46	43	34	26
23	32	42	46	43	34	26
23	32	42	46	43	34	25
22	31	41	44	42	33	24
18	28	33	36	33	29	20
18	24	32	34	32	26	19
13	16	20	22	20	17	14

15' ceiling height

14	16	19	20	20	17	15
16	20	24	26	25	21	18
17	20	25	26	25	21	18
21	25	31	33	32	27	23
22	27	33	35	33	28	24
22	27	33	35	34	28	24
22	27	33	35	34	28	24
20	25	30	32	31	26	22
17	20	25	26	25	21	19
17	20	25	26	25	21	18
14	16	20	21	20	17	15

Room scenario 1
General lighting – Large single coffer

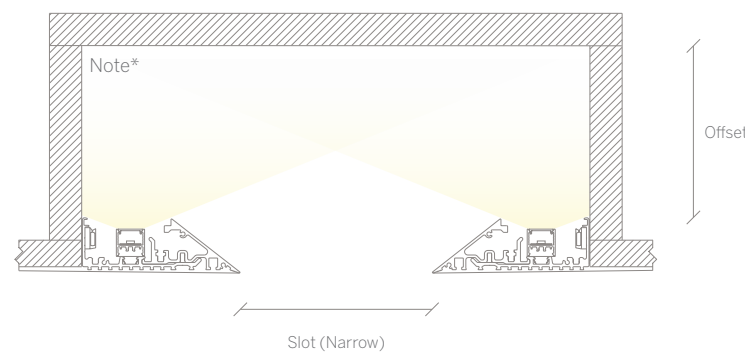
Room size 30' x 18'
Coffer dimensions 20' x 10'
Calculation results taken at task level.

Mounting Options

Option 1: Wide Coffered



Option 2: Narrow Slot



9' ceiling height

23	25	28	29	29	26	25
42	50	57	59	59	52	45
53	65	76	80	77	69	58
63	78	90	95	92	82	68
69	82	97	101	98	86	73
69	83	96	100	97	87	73
66	79	93	97	95	83	71
62	76	86	91	88	80	67
52	64	74	77	75	67	57
43	51	58	60	60	53	46
23	24	28	29	29	26	25

12' ceiling height

25	26	30	30	30	27	27
39	40	48	48	51	42	40
42	44	52	52	54	46	45
54	57	67	67	68	60	56
57	61	72	72	74	64	59
58	61	73	73	75	64	62
58	61	72	72	74	64	60
53	56	66	67	48	59	55
42	44	52	52	53	46	45
39	41	48	48	50	43	41
25	26	29	30	30	27	27

15' ceiling height

26	27	30	30	31	28	28
32	33	38	38	39	34	34
33	33	39	39	39	35	34
43	44	51	51	52	45	45
47	48	55	55	56	49	48
46	47	55	55	56	49	48
46	46	54	54	55	48	47
42	42	49	49	50	44	43
34	34	40	40	41	36	35
33	34	39	39	40	35	35
26	26	30	30	30	27	27

Room scenario 2
General lighting – Triple coffer

Room size 30' x 12'
Coffer dimensions 3x 9' x 5'
Calculation results taken at task level.

9' ceiling height

15	17	17	16
31	38	39	33
45	57	57	47
54	68	69	56
55	70	71	59
55	70	70	58
55	70	71	58
54	68	69	56
46	57	58	48
31	38	39	33
15	17	17	16

12' ceiling height

15	17	17	15
25	29	29	25
32	35	35	33
37	44	44	37
39	45	46	39
40	46	46	40
39	45	46	39
37	44	44	37
32	35	36	33
24	29	29	25
14	17	17	15

15' ceiling height

14	16	16	14
20	22	22	20
23	25	25	23
27	31	31	28
29	32	33	29
30	33	33	29
29	33	33	29
27	30	31	27
23	25	25	23
20	22	22	20
14	16	16	14

Room scenario 3
Corridor – Single linear coffer

Room size 30' x 8'
Coffer dimensions 20' x 4'
Calculation results taken at task level.

Note*
Paint out all internal surfaces of coffer in matt white.

Offset
Typical Offset 12"
Optimum Offset 24"
Minimum Offset 6"

20 Mini Edgeless Cove
Plaster Trim

Product Details 214

Reflectances Ceiling 70% Walls 50% Floor 20%
Maintenance Factor 1.0
LED 579lm/ft* 3000 Kelvin 90 CRI
Diffuser Satin Clear

Values in Foot Candles