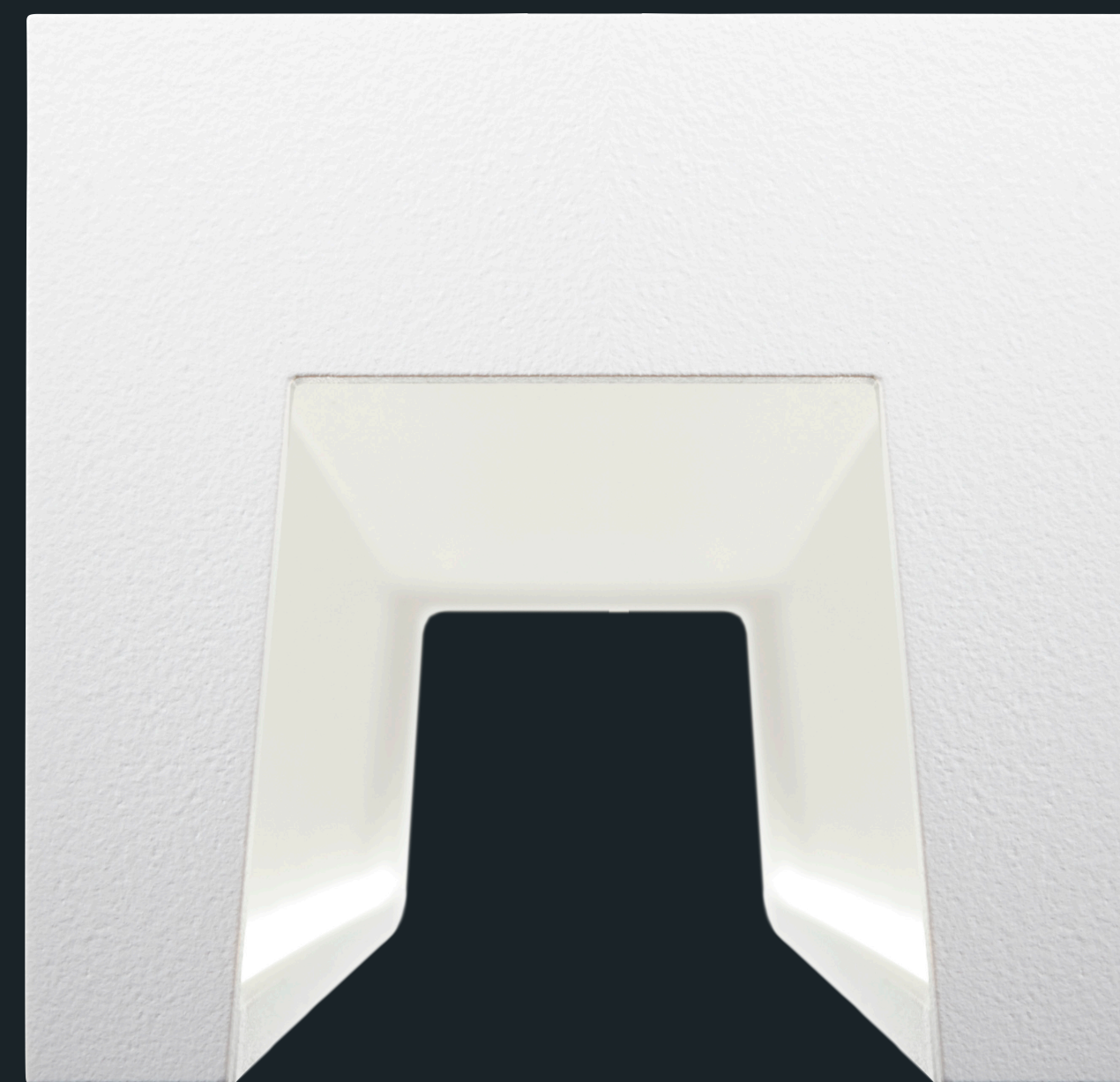
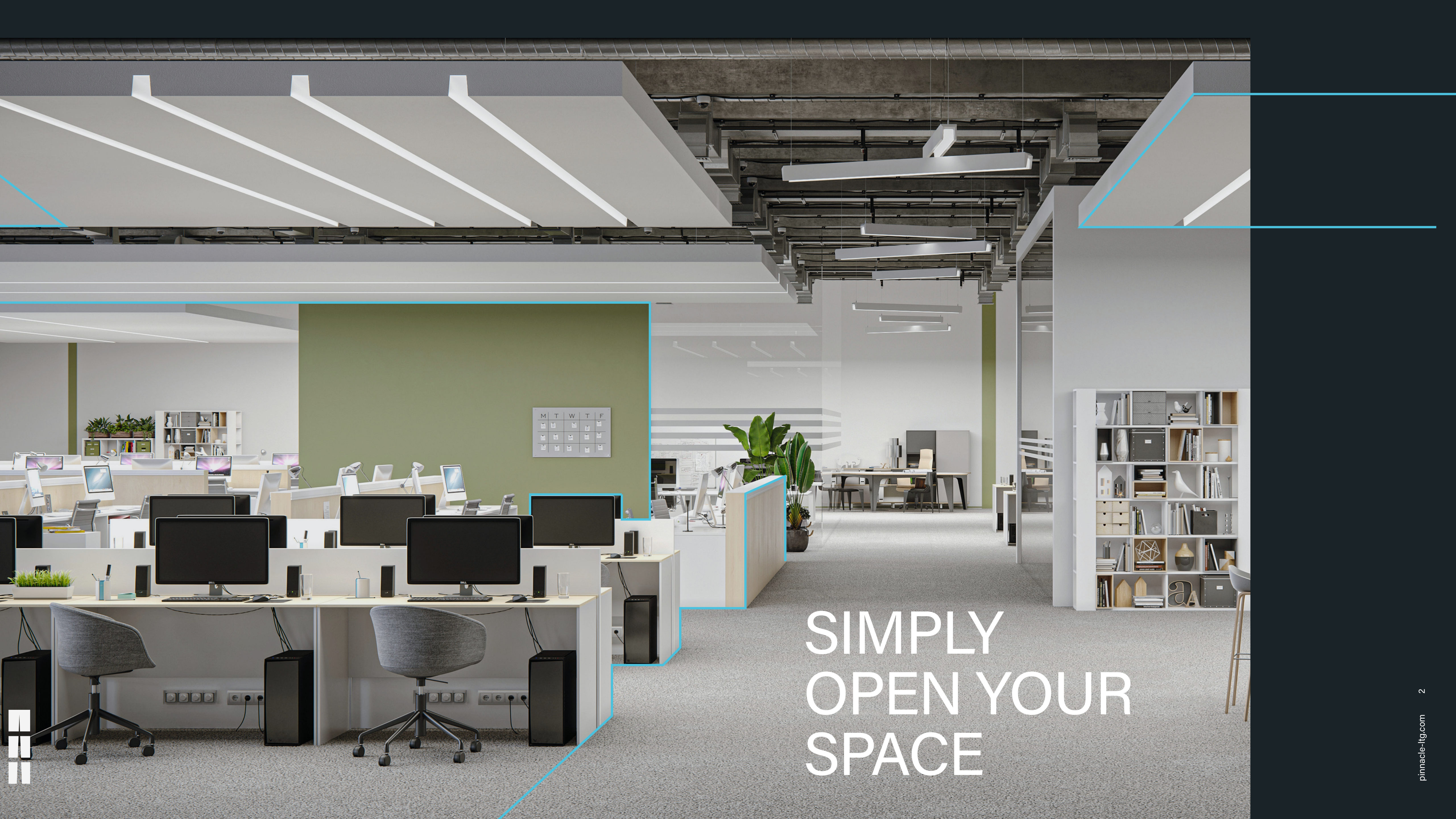




CHUTE

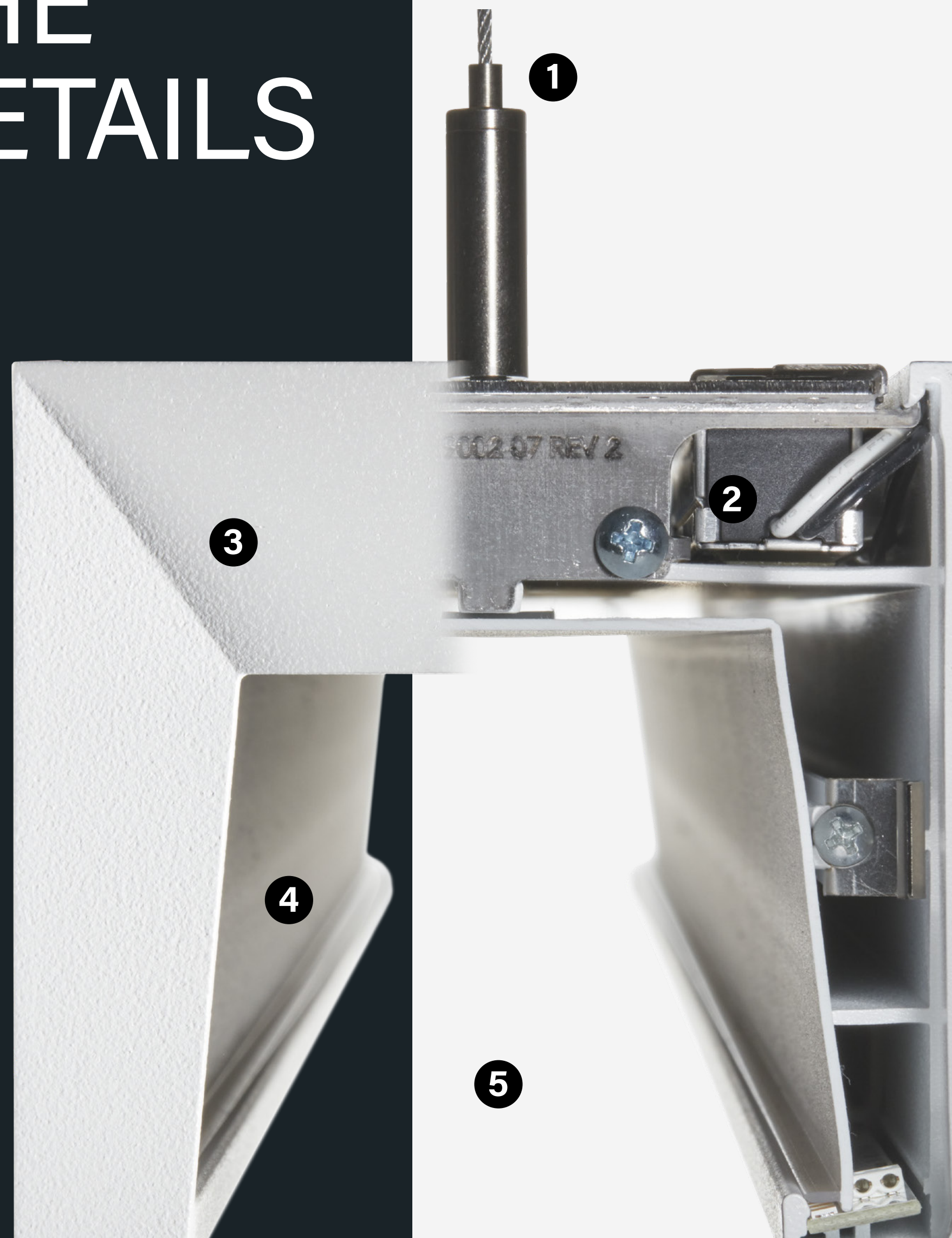




SIMPLY
OPEN YOUR
SPACE



THE DETAILS



1 ALL PLACES

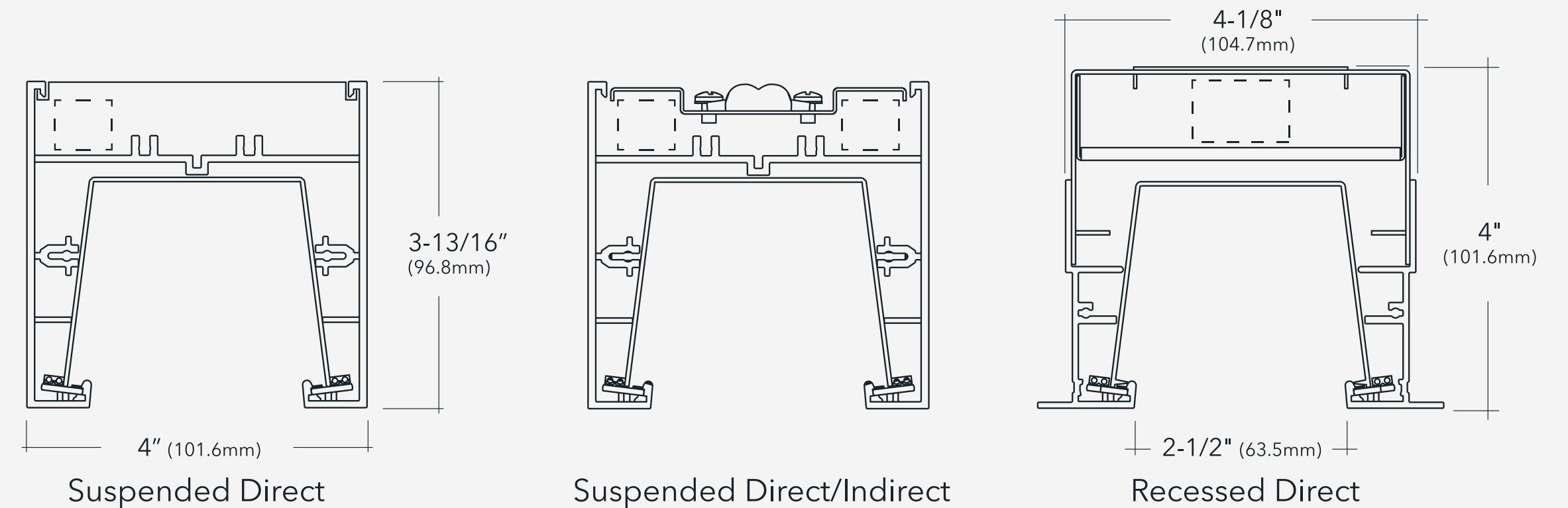
Enhance the open nature of your space with suspended, recessed, and surface mount options.

2 MODEST PRACTICALITY

Size is everything – the Chute housing can accommodate an integral driver while maintaining a slim and sleek profile.

3 ELEGANT DESIGN

Emphasizing the beauty of the profile and the glowed reflection of the indirect light source, all suspended housings have been designed with equivalent dimensions and styling which includes the enclosure of all components.



4 COEXTRUDED REFLECTOR SYSTEM

Made of a highly durable, robust material that is installed at the factory, the single-piece reflector protects the LED components and allows for a smooth, wipeable surface in the field. The system combines a highly reflective material for optimum performance and a clear LPG (Light Protection Guard) to protect LEDs from every day debris.

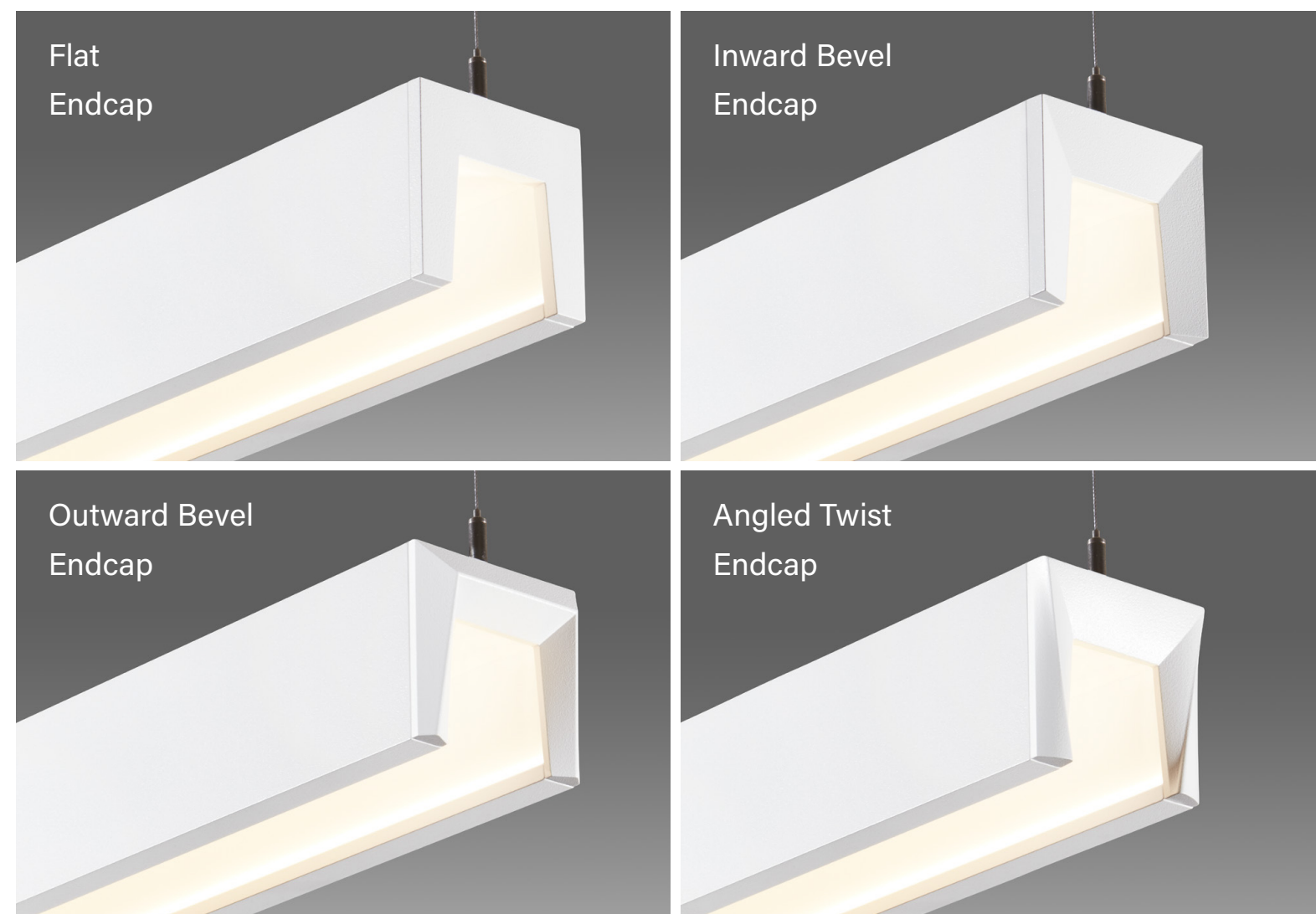
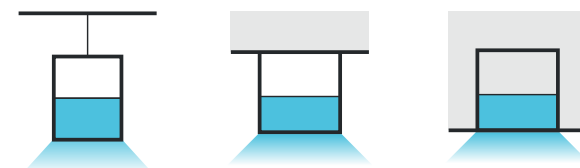


5 CHUTE DIMENSIONS

Clean, simple aperture to open the look of a design. 4" wide with a 2 1/2" opening.

LASTING IMPRESSIONS

Choose from four distinct decorative endcaps, available for suspended and surface mounted fixtures. Recessed fixtures can be specified with a closed or open endcap to finish off the look.



PERFORMANCE

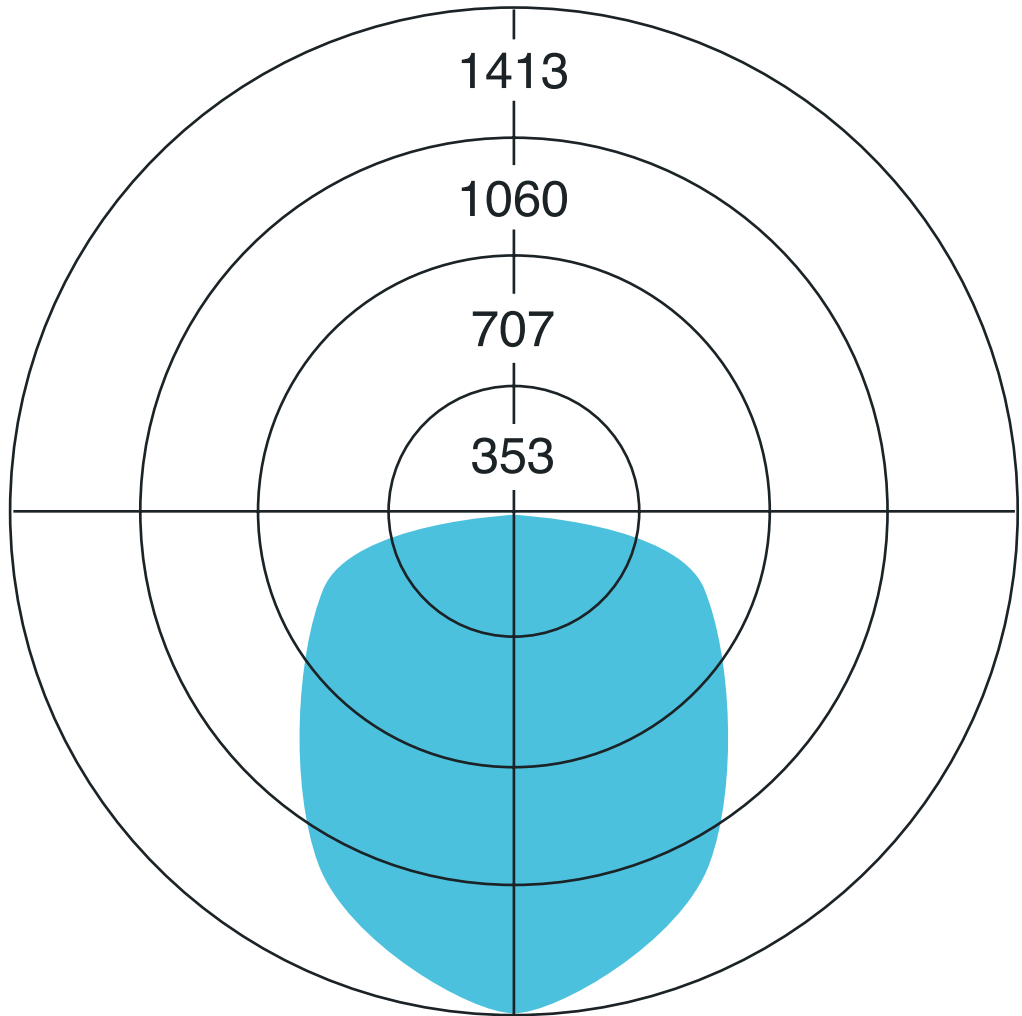
LUMINANCE DATA (CD/SQ.M)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17498	8801	7048
55	17058	7119	5990
65	16247	5991	5270
75	14843	5147	4422
85	11127	1692	536

CANDELA DISTRIBUTION

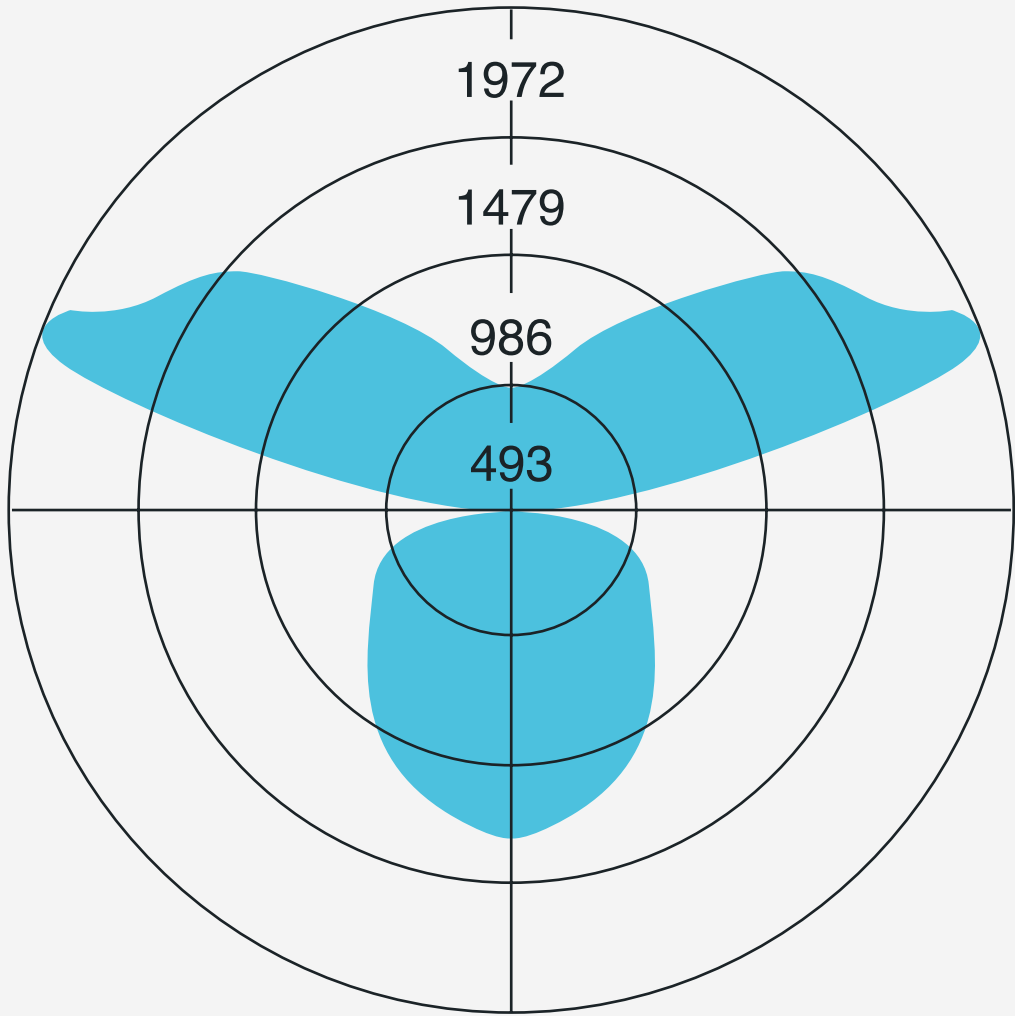
Horizontal Angle

Vertical Angle	0	22.5	45	67.5	90
0	1411	1411	1411	1411	1411
5	1410	1394	1397	1393	1386
10	1395	1369	1360	1347	1337
15	1369	1332	1311	1292	1280
20	1335	1285	1256	1228	1215
25	1289	1229	1191	1157	1141
30	1234	1164	1117	1075	1055
35	1169	1093	1037	986	964
40	1095	1014	946	891	869
45	1010	927	850	798	782
50	918	833	751	722	716
55	816	733	661	656	656
60	709	627	585	598	603
65	593	521	517	545	552
70	476	421	456	492	500
75	357	341	397	427	428
80	235	272	322	299	272
85	121	193	111	61	46
90	31	60	40	18	0



OPEN

Test #	ITL93-69
Catalog #	CD-N-835VHO
Lumens	4219 lm
Watts	34.5 W
Efficacy	122 LPW



OPEN - Batwing

Test #	ITL93069 & 93070
Catalog #	CDI-A-BW-835VHO-835VHO-4
Lumens	8670 lm
Watts	66.3 W
Efficacy	130.8 LPW

LUMINANCE DATA (CD/SQ.M)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17359	8760	7020
55	16923	7090	5971
65	16118	5971	5257
75	14725	5135	4415
85	11038	1690	535

CANDELA DISTRIBUTION

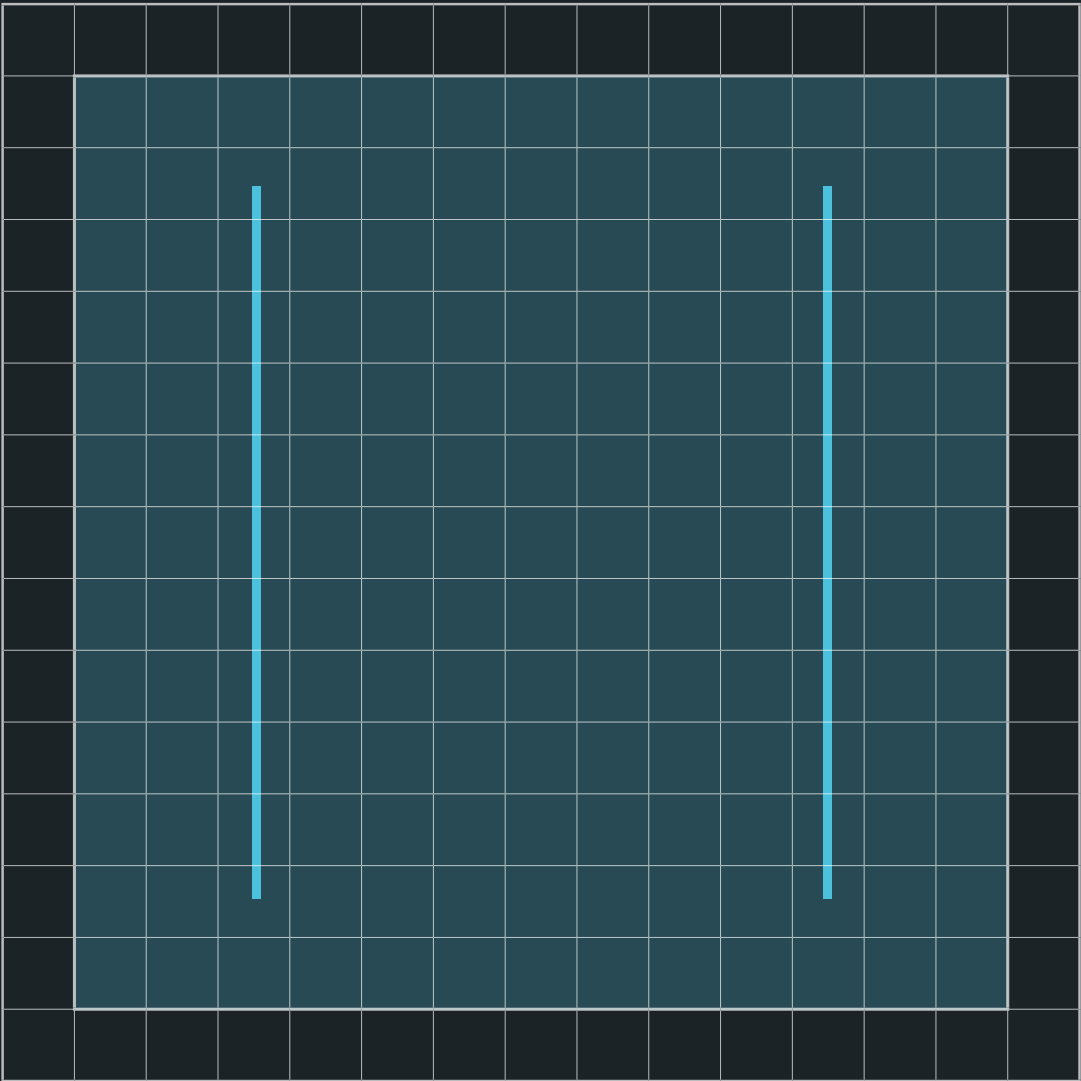
Horizontal Angle

Vertical Angle	0	22.5	45	67.5	90
0	1411	1411	1411	1411	1411
5	1410	1394	1397	1393	1386
15	1369	1332	1311	1292	1280
25	1289	1229	1191	1157	1141
35	1169	1093	1037	986	964
45	1010	927	850	798	782
55	816	733	661	656	656
65	593	521	517	545	552
75	357	341	397	427	428
85	121	193	111	61	46
90	0	20	91	22	18
95	39	100	685	174	108
105	134	194	910	1467	1119
115	237	293	649	1695	1974
125	321	396	670	1400	1633
135	365	447	721	1212	1467
145	402	475	704	982	1116
155	456	503	646	792	855
165	504	521	584	641	664
175	530	524	535	541	543
180	527	527	527	527	527

TYPICAL APPLICATION

CLASSROOM

Examples shown with 30' x 30' room;
the calculation area is 26' x 26'

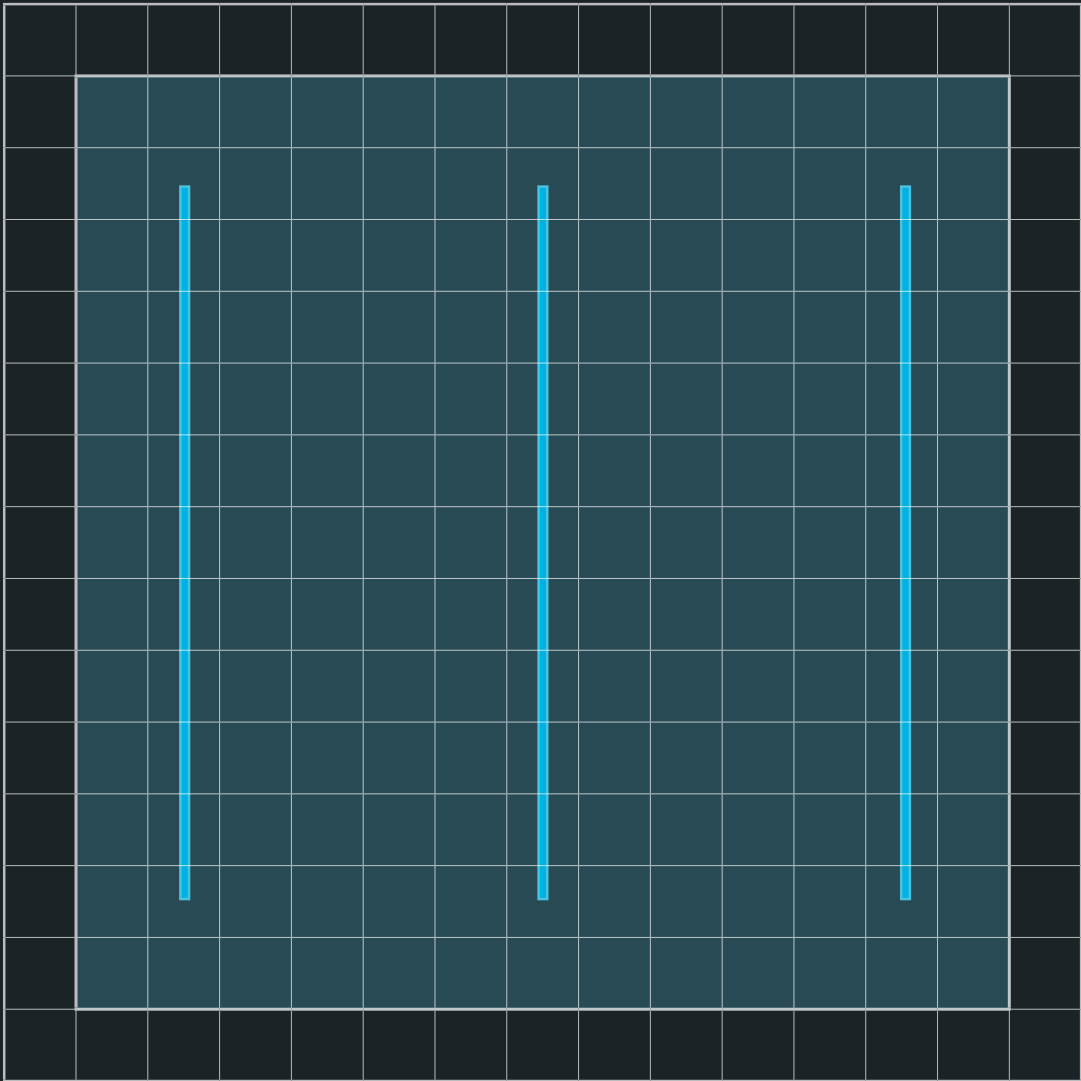


Fixtures:
20' Rows
Chute CDI-BW
Suspended, 7'-6" MH
250lm/ft Direct,
1000lm/ft Indirect

Ceiling: 9'
Total Area: 900 sq.ft
Total Watts: 368
LPD: .409

Illuminance (Fc)
Average: 39.4
Maximum: 67
Minimum: 19

Reflectance:
80-50-20



Fixtures:
20' Rows
Chute CD
Recessed, 9' MH
750lm/ft Direct

Ceiling: 9'
Total Area: 900 sq.ft
Total Watts: 360
LPD: .400

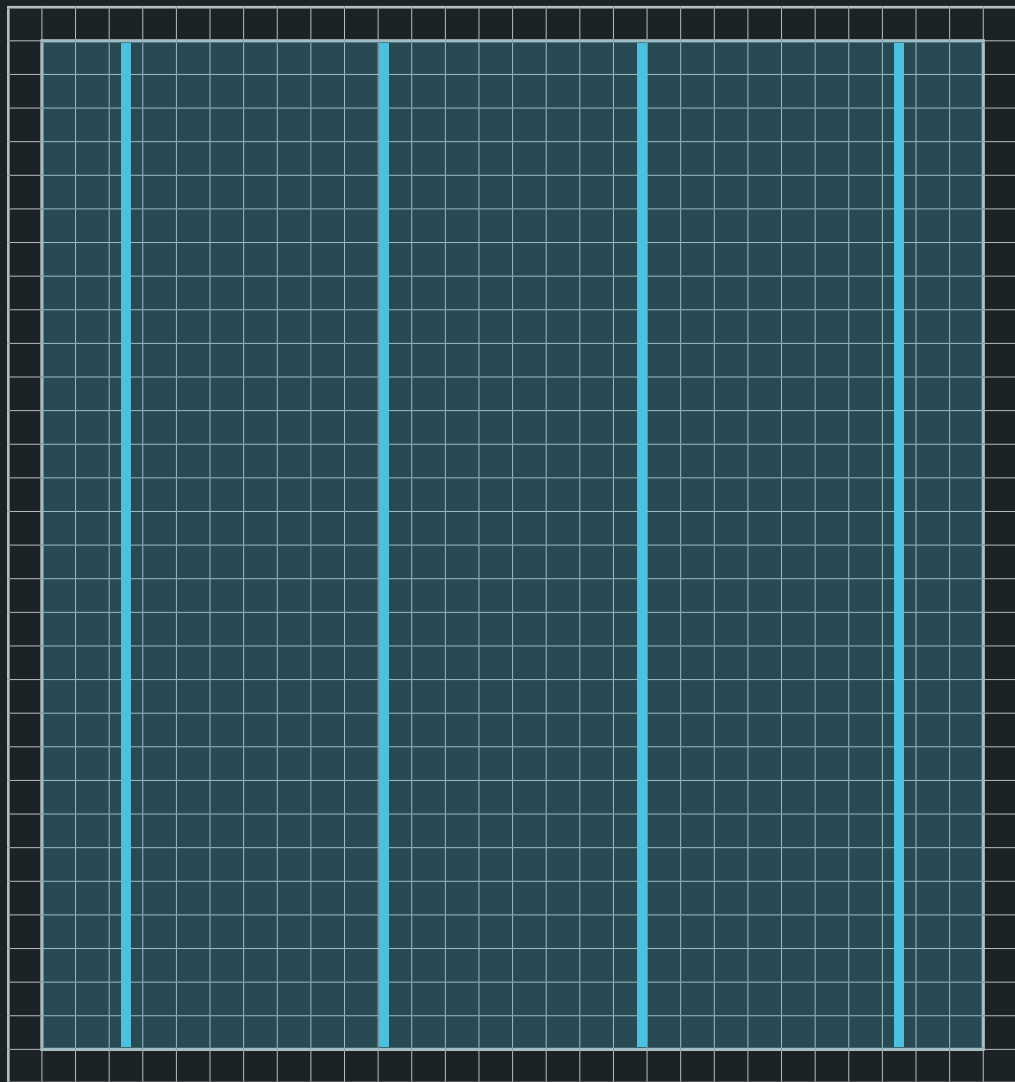
Illuminance (Fc)
Average: 43.8
Maximum: 66
Minimum: 23

Reflectance:
80-50-20

TYPICAL APPLICATION

OPEN OFFICE

Examples shown with 60' x 64' room;
the calculation area is 56' x 60'

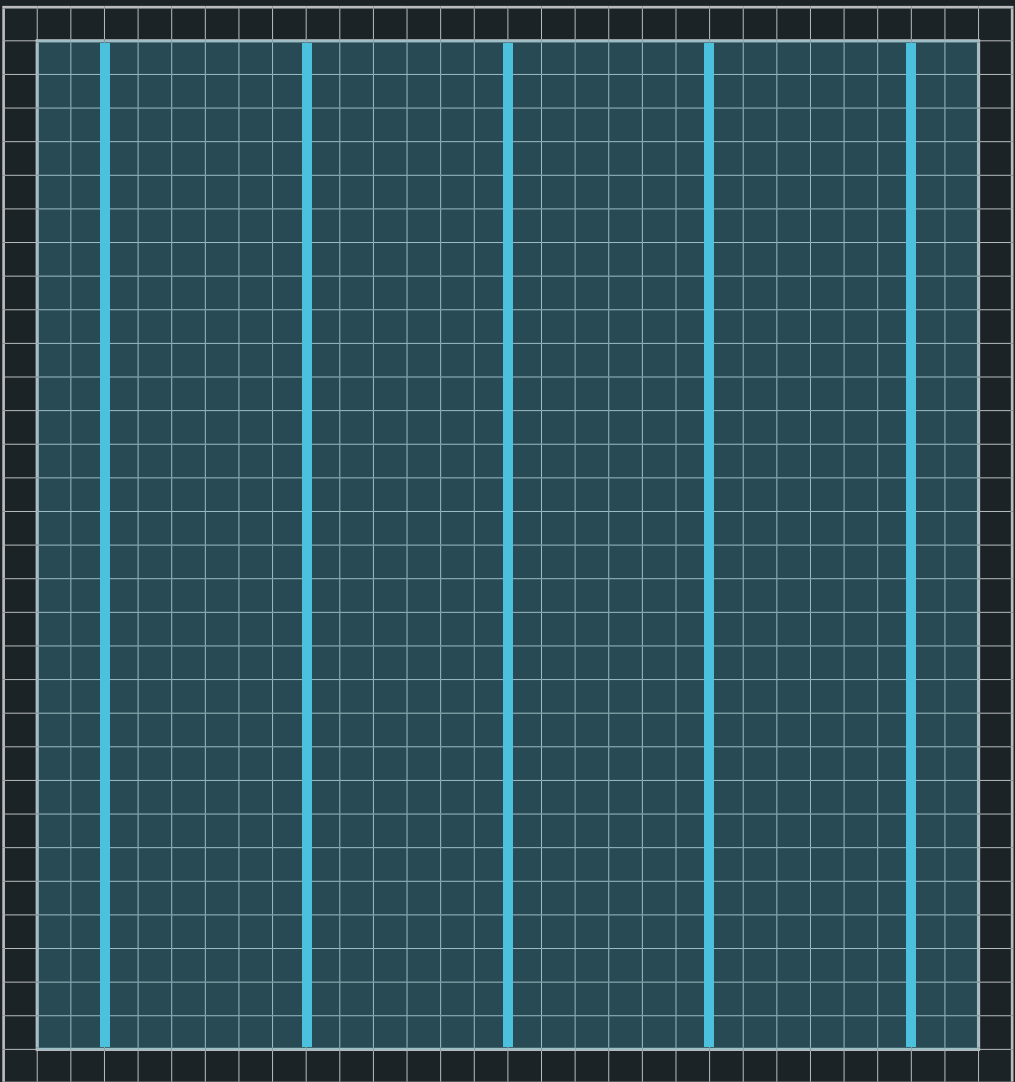


Fixtures:
60' Rows
Chute CDI-BW
Suspended, 7'-6" MH
260lm/ft Direct,
520lm/ft Indirect

Illuminance (Fc)
Average: 37.3
Maximum: 54
Minimum: 19

Reflectance:
80-50-20

Ceiling: 9'
Total Area: 3840 sq.ft
Total Watts: 1404
LPD: .366

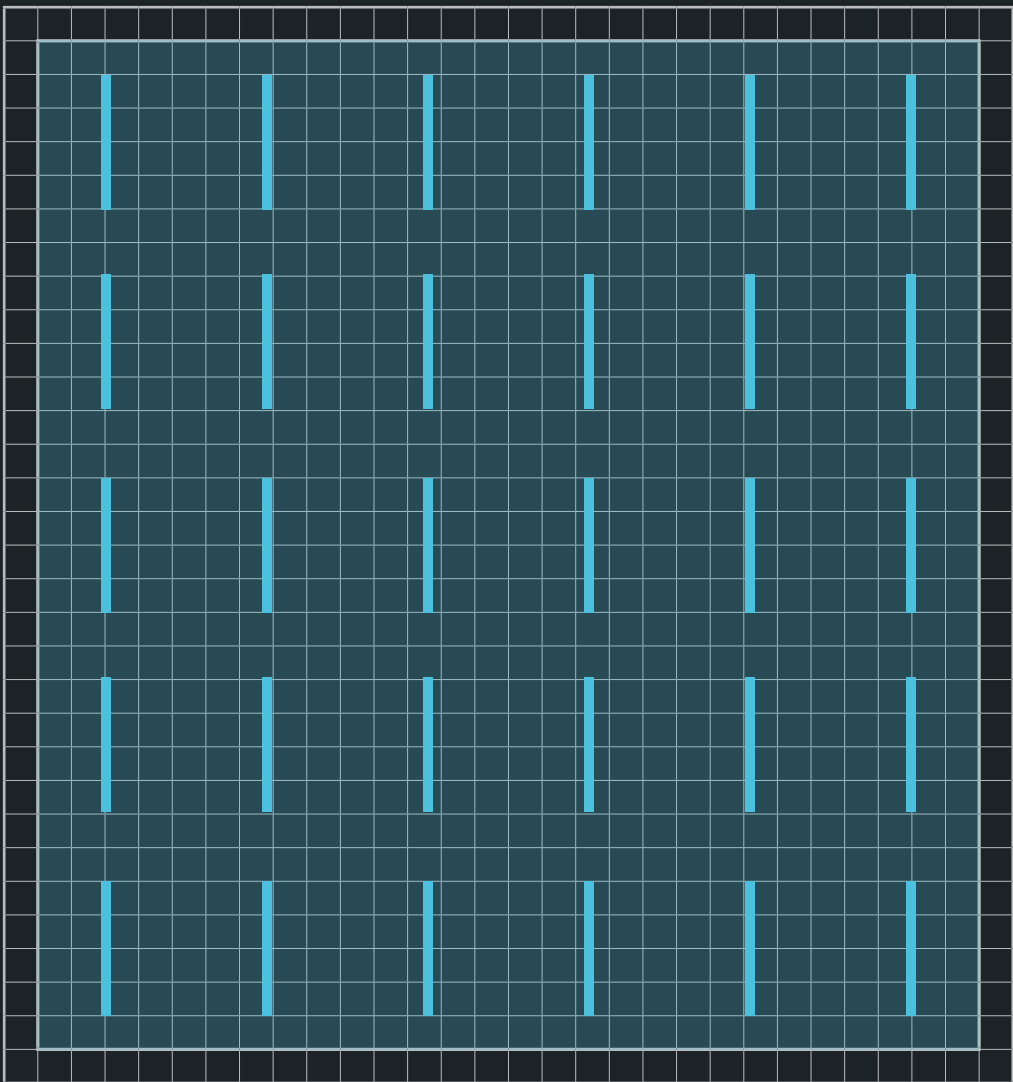


Fixtures:
60' Rows
Chute CDI-BW
Suspended, 7'-6" MH
215lm/ft Direct,
430lm/ft Indirect

Illuminance (Fc)
Average: 37.8
Maximum: 49
Minimum: 22

Reflectance:
80-50-20

Ceiling: 9'
Total Area: 3840 sq.ft
Total Watts: 1455
LPD: .379



Fixtures:
8' Rows
Chute CDI-BW
Suspended, 7'-6" MH
750lm/ft Direct,
175lm/ft Indirect

Illuminance (Fc)
Average: 40.2
Maximum: 54
Minimum: 24

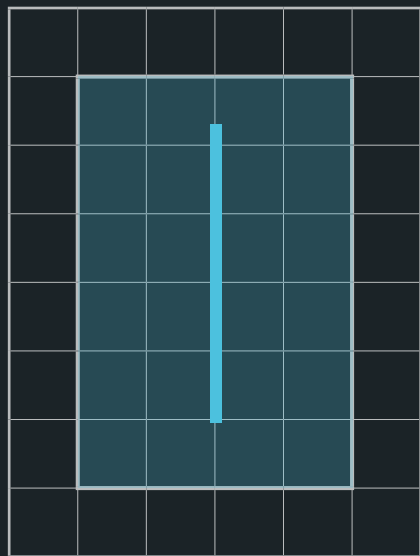
Reflectance:
30-50-20

Ceiling: 9'
Total Area: 3840 sq.ft
Total Watts: 1776
LPD: .463



TYPICAL APPLICATION

CONFERENCE ROOM



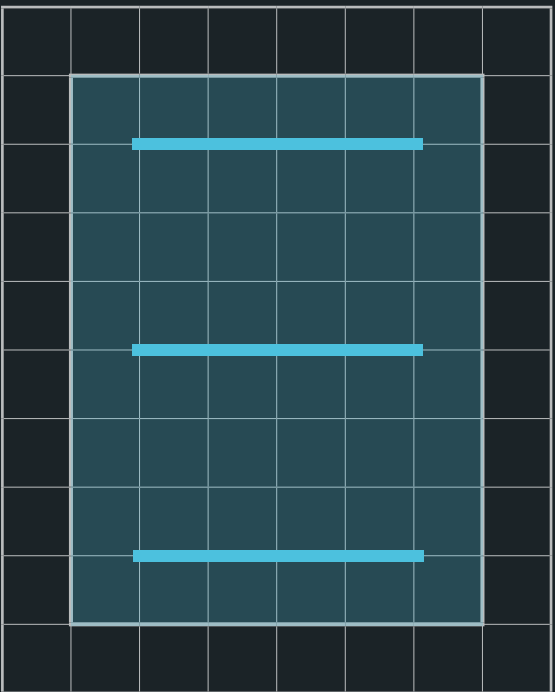
Fixtures:
8' Row
Chute CDI-BW
Suspended, 7'-6" MH
500lm/ft Direct,
750lm/ft Indirect

Room:
12' x 15'
8' x 12' Calculation Area
9' Ceiling

Total Area: 180 sq.ft
Total Watts: 75.2
LPD: .418

Illuminance (Fc)
Average: 36.3
Maximum: 52
Minimum: 24

Reflectance:
80-50-20



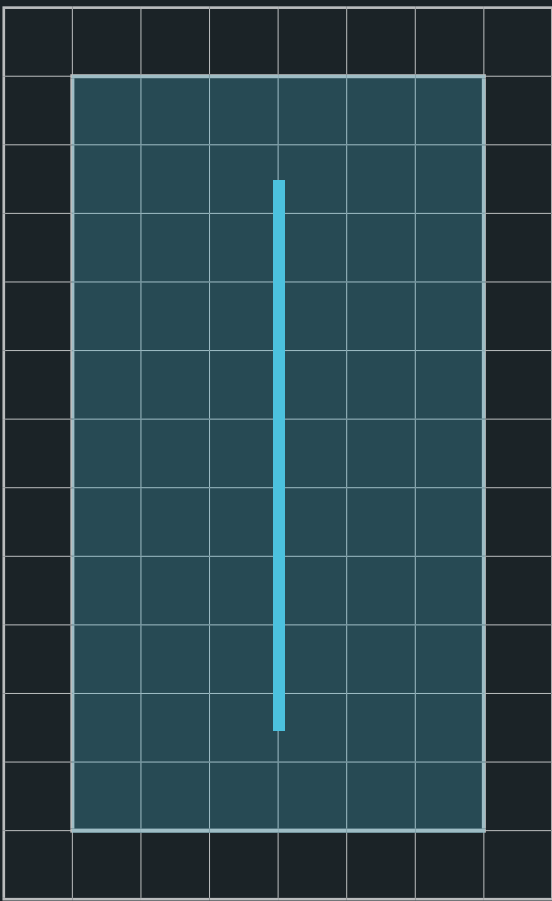
Fixtures:
8' Rows
Chute CD
Recessed, 9' MH
750lm/ft Direct

Room:
15' x 20'
12' x 16' Calculation Area
9' Ceiling

Total Area: 300 sq.ft
Total Watts: 144
LPD: .480

Illuminance (Fc)
Average: 44.75
Maximum: 57
Minimum: 32

Reflectance:
80-50-20



Fixtures:
16' Row
Chute CDI-BW
Suspended, 7'-6" MH
500lm/ft Direct,
750lm/ft Indirect

Room:
15' x 25'
12' x 22' Calculation Area
9' Ceiling

Total Area: 375 sq.ft
Total Watts: 150.4
LPD: .401

Illuminance (Fc)
Average: 38.5
Maximum: 70
Minimum: 16

Reflectance:
80-50-20





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December 2020

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