FEATURES

OPTICAL SYSTEM

- Matte white polyester powder paint finished reflector provides uniform asymmetric light distribution. Optional diffuse aluminum stepped reflector.
- All diffusers control direct light distribution and glare by shielding lamps from direct view.
- All shieldings snap into place.
- Light traps prevent light leaks between shielding and endplates.

SHIELDING OPTIONS

- Metal Diffuser staggered Round holes (MDR) 52% open perforated steel with .075" diameter holes backed with white acrylic diffuser.
- Metal Diffuser aligned Mini slots (MDM) 46% open perforated metal backed with white acrylic diffuser.
- Metal Diffuser staggered Linear slots (MDL) 45% open perforated metal backed with white acrylic diffuser.
- Acrylic Diffuser linear Prismatic lens (ADP) extruded acrylic lens backed with white acrylic diffuser.

ELECTRICAL SYSTEM

- Class P, thermally-protected, resetting, HPF, Non-PCB, UL Listed, CSA-certified electromagnetic ballast is standard. Energy saving and electronic ballast are sound rated A. Standard combinations are CBM approved and conform to UL 935.

HOUSING

- Housing is powder painted cold rolled steel. All edges hemmed or rounded.
- Trims available for standard 1" tee bar, mini-tee bar, screw slot grids.
- Drywall ceiling adapters available.
- Fixtures can be row mounted end to end.

LISTING

- UL listed and labeled. Listed and labeled to comply with Canadian and Mexican Standards (see options).

Specifications subject to change without notice.

Catalog Number	Type

Direct/Indirect Wall Lighting System

AV 1'x4'

ASYMMETRIC DISTRIBUTION

T8, T5 or T5HO
1 or 2 lamp

Avante®
Recessed Direct/Indirect Lighting

ORDERING INFORMATION

Example: **AV G 2 32 MDR ASY 120 GEB**

AV

Series

AV 1' wide

Trim Type

G Grid trim
ST Screw slot

Number of Lamps

1, 2

Lamp Type

32 32W T8 (48")
28T5 28W T5 (46")
54HOT5 54W T5HO (46")

Diffuser

MDR Metal diffuser, round holes.
MDM Metal diffuser, mini slots.
MDL Metal diffuser, staggered linear slots.
ADP Acrylic diffuser, linear prismatic lens.

Lamp Distribution

ASY Asymmetric Distribution

Voltage

120, 277, 347
Others available

Options

GEB Electronic ballast, <20% THD.
GEB10IS Electronic ballast, ≤10% THD, Instant Start.
GEB10RS Electronic ballast, ≤10% THD, Rapid Start.
ADEZ Advance Mark X 2-wire dimming ballast. (T8 only.)
EL Emergency battery pack (nominal 300 lumens. See Life Safety section).
GLR Internal fast-blow fuse.
GMF Internal slow-blow fuse.
LP Lamped. Specify lamp type and color.
PWS1836 6' prewire, 3/8" dia., 18-gauge, 3 wires.
RIF Radio inteference filter.
HTC T-bar safety clips (snap-on).
LATC T-bar safety clips (screw on).
CSA Listed and labeled to comply with Canadian Standards.
NOM Listed and labeled to comply with Mexican Standards.

Reflector Option

ASR Aluminum stepped reflector.

Accessories

Order as separate catalog number.

DGA14[1] Flanged grid to drywall adapter, unit installation.

Notes:
1 Use G trim plus DGA accessory for fixture trim flange and fixture support in plaster or plasterboard ceilings.

AV 1x4 ASY Direct/Indirect Wall Lighting

AV G 1 32 MDR ASY 120, (1) 32W T8 lamp, 2850 lumens per lamp, s/m (along) = 1.4, s/m (across) = 1.3, test no. 7103

CANDLEPOWER SUMMARY

Angle	0	45	90	135	180	Zonal Lumens
0	697	697	697	697	697	
5	716	709	690	681	678	66
15	732	710	665	633	615	189
25	707	683	616	562	532	285
35	653	626	545	469	440	341
45	544	538	456	368	346	347
55	401	402	352	265	252	300
65	230	252	238	169	161	211
75	111	106	120	90	85	108
85	22	20	22	23	23	27
90	0	0	0	0	0	-

Efficiency = 65.8%

WALL ILLUMINANCE
Luminaire 3' from wall
continuous row
Values in Initial Footcandles

Distance from Ceiling	Centerline	Between
1'	18	18
2'	33	33
3'	34	34
4'	28	28
5'	23	23
6'	18	18
7'	15	15
8'	12	12
9'	10	10

WALL ILLUMINANCE
Luminaire 3' from wall
8' on center
Values in Initial Footcandles

Distance from Ceiling	Centerline	Between
1'	13	5
2'	22	11
3'	21	13
4'	16	12
5'	13	11
6'	10	9
7'	8	7
8'	6	6
9'	5	5

AV G 2 32 MDR ASY 120, (2) 32W T8 lamps, 2850 lumens per lamp, s/m (along) = 1.4, s/m (across) = 1.2, test no. 7104

CANDLEPOWER SUMMARY

Angle	0	45	90	135	180	Zonal Lumens
0	1352	1352	1352	1352	1352	
5	1383	1377	1346	1330	1309	128
15	1406	1370	1297	1231	1181	366
25	1368	1317	1199	1088	1015	551
35	1261	1204	1056	908	841	658
45	1063	1032	878	708	650	667
55	788	784	673	507	460	575
65	463	490	449	313	282	401
75	230	211	223	154	141	204
85	45	40	40	42	40	49
90	0	0	0	0	0	-

Efficiency = 63.1%

WALL ILLUMINANCE
Luminaire 3' from wall
continuous row
Values in Initial Footcandles

Distance from Ceiling	Centerline	Between
1'	36	36
2'	64	64
3'	65	65
4'	55	55
5'	44	44
6'	35	35
7'	28	28
8'	23	23
9'	19	19

WALL ILLUMINANCE
Luminaire 3' from wall
8' on center
Values in Initial Footcandles

Distance from Ceiling	Centerline	Between
1'	26	10
2'	43	21
3'	40	25
4'	31	23
5'	24	21
6'	19	17
7'	15	14
8'	12	12
9'	10	10

AV G 2 32 ADP ASY 120, (2) 32W T8 lamps, 2850 lumens per lamp, s/m (along) = 1.4, s/m (across) = 1.3, test no. 7105

CANDLEPOWER SUMMARY

Angle	0	45	90	135	180	Zonal Lumens
0	1439	1439	1439	1439	1439	
5	1464	1460	1433	1412	1399	136
15	1475	1454	1386	1330	1292	391
25	1435	1393	1297	1204	1144	596
35	1339	1284	1162	1027	973	723
45	1177	1128	993	826	778	755
55	959	912	782	616	583	686
65	656	658	540	408	376	524
75	385	364	271	207	195	300
85	109	103	55	51	46	86
90	0	0	0	0	0	-

Efficiency = 73.6%

WALL ILLUMINANCE
Luminaire 3' from wall
continuous row
Values in Initial Footcandles

Distance from Ceiling	Centerline	Between
1'	58	57
2'	81	81
3'	75	75
4'	60	60
5'	48	48
6'	38	38
7'	31	31
8'	25	25
9'	21	21

WALL ILLUMINANCE
Luminaire 3' from wall
8' on center
Values in Initial Footcandles

Distance from Ceiling	Centerline	Between
1'	41	17
2'	54	28
3'	46	29
4'	34	26
5'	26	23
6'	20	19
7'	16	15
8'	13	13
9'	11	11

For additional photometric information, visit our website at 'lithonia.com'.

MOUNTING DATA

Mounting Data Ceiling Type	Appropriate Trim Type
Exposed grid tee	G
Concealed grid tee	G
Screw slot	ST
Plaster or plasterboard	G

*DGA accessory available to provide ceiling trim flange and fixture support for plaster or plasterboard ceiling. Recommended rough-in dimensions for DGA installation is 12-3/4" x 48-3/4" (Tolerance is +1/8", -0").

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LITHONIA LIGHTING
ARCHITECTURAL INDOOR LIGHTING
ONE LITHONIA WAY, CONYERS, GEORGIA 30012, TELEPHONE 770-922-9000, FAX 770-860-3129
www.lithonia.com • IN CANADA: 1100 50TH AVE., LACHINE, QUEBEC H8T 2V3