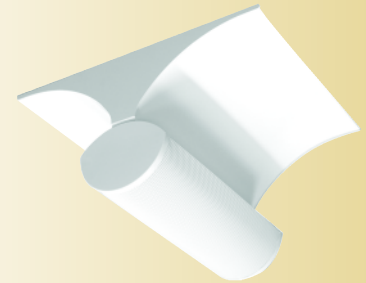
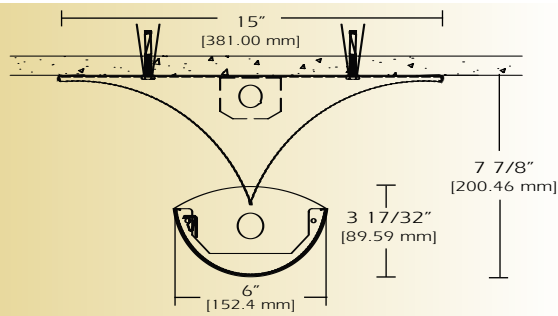


New Age Series

NAS-1712



TYPE _____

FEATURES

The NAS 1712 is a variation of a complete group of Direct/Indirect luminaires featuring a center metal perforated lamp shield with an acrylic overlay panel to obscure direct lamp image. The NAS 1712 sculptured aesthetic form is placed below the ceiling plane. The luminaires are available in surface and suspended mounting. Lamp output is distributed over a computer designed reflector system to provide soft glare-free illumination. The NAS 1712 can be used in any installation where high performance and comfortable lighting are required.

SPECIFICATIONS

Housing: Die formed 20-gauge cold rolled steel welded construction forming a sculptured profile finished in baked white enamel. The finished ends are laser cut 16-gauge cold rolled steel, with no exposed hardware or knockouts.

Shielding: Die formed 20-gauge perforated steel lamp shield has a 41% opening with white acrylic .020 translucent overlay. The end caps are 18-gauge cold rolled steel and welded to lamp shield. The hinged lamp shield is removable for easy lamp access. The shielding is available in 19 different perforation options.

Reflector: Die formed .020 aluminum 90% minimum reflectivity finished in low glare matte baked white enamel.

Electrical: Ballast is electronic, high power factor, thermally protected class P, sound rated A, with less than 20% total harmonic distortion. The minimum number of ballasts will be used unless otherwise specified.

Mounting: Standard mounting is surface mounted.

Finish: Fixture housing and steel components are finished in baked white enamel applied over a five-stage pretreatment process.

Lamps: Fixtures are provided for use with one or two compact fluorescent, T8, T5 and T5HO lamps. (Supplied by Others)

Certification: Luminaires are U. L. Listed, C.S.A. certified and are Union Made in the United States of America I.B.E.W.

ORDERING GUIDE

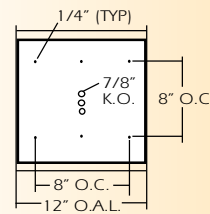
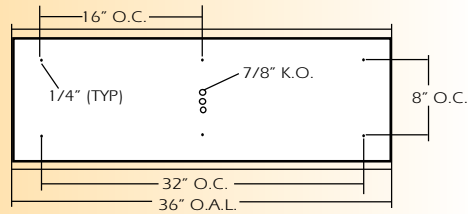
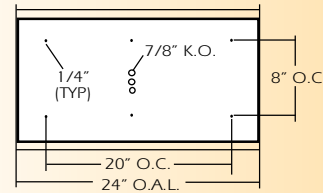
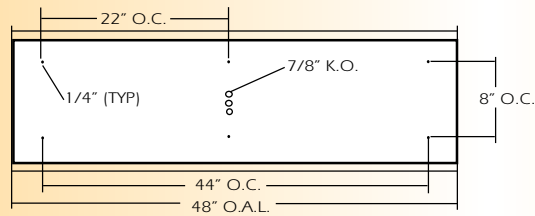
MODEL NO.	SHIELDING OPTIONS	NO. OF LAMPS	LAMP TYPE	SIZE	MOUNTING	FINISH	VOLTAGE	OPTIONS
NAS-1712	-	-	-	-	-	-	-	-
NAS-1712	*= For additional perforation patterns reference Generation shielding options	1 2	18CF T8 T5 T5HO	1* 2 3 4	S = Surface AC = Cable PD = Pendant	W = White CC = Custom Color	120v 277v	See Options Below
1*= CF Lamping only								

Example: **NAS-11712**
New Age Series

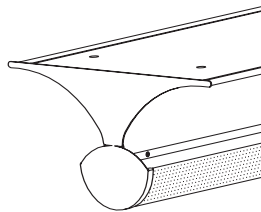
OPTIONS

- E10=** Electronic ballast, high power factor, thermally protected class P, sound rated A, <10% total harmonic distortion
- DIM=** Dimming Ballast
- EPC=** Emergency Battery Pack
- EMC=** Emergency Circuit
- TCW=** Two Circuit Wiring
- TDW=** Tandem Wiring
- OTH=** See Accessory Section for other options available

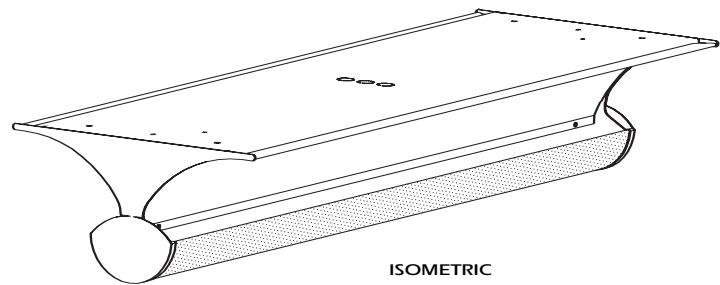
LINEAR SECTIONS AND SUSPENSION LOCATION



INSTALLATION PREPARATION

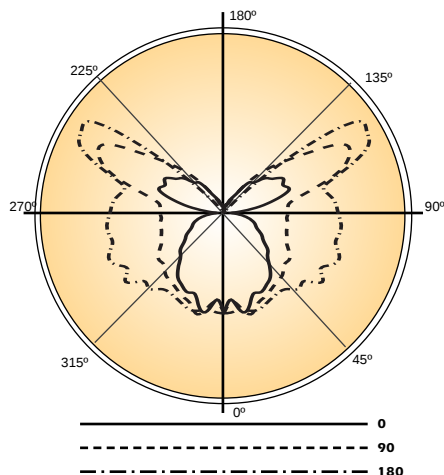


END DETAIL



ISOMETRIC

PHOTOMETRY



LAMP (1) 32W T8
LUMENS: 2900 PER LAMP

Candela Distribution:

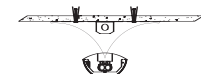
Vert. Angle	0	45	90	135	180
0	18.9	18.9	18.9	18.9	18.9
10	13.6	41.5	46.9	37.0	12.3
20	13.4	72.2	105	80.9	13.3
30	20.5	106	99.4	107	20.4
40	20.6	92.9	83.2	93.2	21.9
50	24.8	74.9	63.3	71.6	22.9
60	26.4	51.1	42.8	53.2	25.1
70	25.1	31.2	32.2	30.5	19.0
80	11.8	17.1	21.4	17.7	11.1
90	3.23	12.2	17.3	12.3	4.57
100	68.1	43.5	49.5	45.9	65.5
110	138	121	106	110	143
120	220	202	185	209	220
130	284	301	286	301	284
140	346	384	351	377	354
150	401	408	428	440	418
160	481	469	477	451	483
170	465	516	513	508	491
180	518	518	518	518	518

Optical Distribution:
100% Direct/Indirect

Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

pcc	.8	.7	.5	.3	.1	0
pw	.7 .5 .3 .1	.7 .5 .3 .1	.5 .3 .1	.5 .3 .1	.5 .3 .1	0
RCR	0	83 83 83 83	78 78 78 78	67 67 67	58 58 58	50 50 50 46
1	72 67 63 59	67 63 59 55	54 51 48	46 44 41	39 37 35	31
2	64 57 51 46	60 53 48 43	45 41 37	39 35 32	32 29 27	24
3	58 49 42 37	54 46 39 34	39 34 30	33 29 26	27 24 22	19
4	53 43 36 30	49 40 33 28	34 29 25	29 25 21	24 21 18	15
5	48 38 31 25	44 35 29 24	30 25 21	26 21 18	21 18 15	13
6	44 34 27 22	41 31 25 20	27 22 18	23 19 15	19 16 13	11
7	41 30 23 19	38 28 22 18	24 19 15	21 16 13	17 14 11	9
8	38 27 21 16	35 26 20 15	22 17 13	19 15 12	16 12 10	8
9	35 25 19 14	32 23 17 14	20 15 12	17 13 10	15 11 9	7
10	33 23 17 13	30 21 16 12	18 14 11	16 12 9	13 10 8	6



Total Luminaire Optical
Efficiency = 76.1%