We reserve the right to revise the design or components of any product without notice.

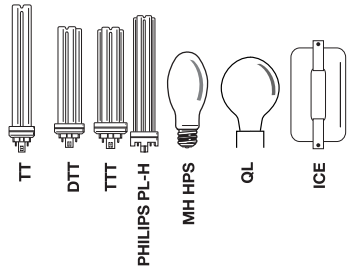
Maximus Series

Direct/indirect Induction Luminaire
Wall or Ceiling Mount Wide Spread Distribution

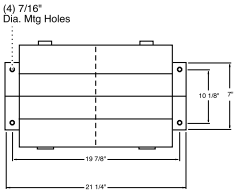
Catalog Number	
Project/Location	Type
Approved By	

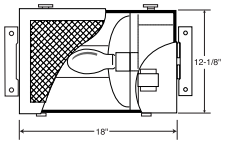
SPECIFICATIONS

- BALLAST— 120/277 volt Electronic <10 THD CW 0° start Standard. NPF for HPS Lamp. Induction: high frequency electronic generator.
- GASKETING— High temperature closed cell silicone 1/8" thick, seals diffuser to door and door to housing to protect against outside contaminants, and provide weather proof enclosure.
- HOUSING— Heavy duty one-piece 0.063" thick aluminum, die-formed and seam welded sealed construction to protect against dust, moisture, and contaminants. Aluminum partition separates optical and electrical components for longer component life and cooler operation. End Panels provide adjustable positioning with 3/4" threaded conduit fittings at either end.
- LAMP— Induction: QL (Horizontal Lamping Standard. Optional Vertical Lamping for 55 or 85 Watt) and Osram/Sylvania ICETRON; HID: high pressure sodium, metal halide, Pulse Start MH; CFL: triple twin tube. Induction lamps included; H.I.D., CFL lamp supplied by others.
- LENS—(To be specified) Your choice of materials including clear or prismatic glass or high abuse polycarbonate. See options listed below. Consult factory for lenses or diffusers not listed.
- LENS RETAINER— Die formed full length lens retainers secured to gasketed lens opening to hold lens securely while providing seal and environmental protection to luminaire.
- LENS DOOR— Heavy duty one-piece die formed 0.063" thick aluminum with recessed lens seating flange. (2) aluminum slide pin hinges and (2) stainless steal cam latches allow for no-tools opening or removal of door frame for convenient maintenance or field replacement.
- REFLECTOR— High reflectance anodized aluminum with specular finish (induction) or embossed pattern (HID) for maximum efficiency specific to lamp type. Or NEW Osram® Sylvania Icetron (ICE-R) with internal reflector. Saves 80% of otherwise lost atmospheric light.
- MOUNTING BRACKET— (2) heavy duty .125" thick aluminum end brackets. For surface mount direct or indirect applications. (2) 7/16" dia. mounting holes in each bracket. Fully adjustable for 180° fixture rotation. (4) stainless steal bolts per bracket provide positive locked aiming angle of luminaire.
- FINISH— Polyester powder coat applied over a zinc chromate wash primer for durability and weather resistance. Standard gray or white finish, optional custom colors.
- ETL LISTED— Suitable for wet locations



NEW Osram® Sylvania Icetron with Internal Reflector saves 80% of otherwise lost light

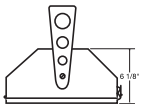




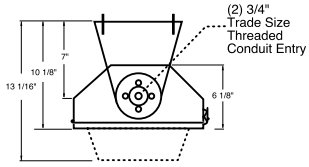
Lamp Quantity & Wattage listed below

Dimensions - W x H x D	12" x 18" x 12"
Fluorescent TT	consult factory
Fluorescent DTT	consult factory
Fluorescent TTT	(1 or 2)57/70w; (3)26w
Fluorescent PL-H	(1)60/85/120w
High Pressure Sodium	100/150w
Metal Halide	100/125/150w
QL Induction - **Up to 100,000 HR Lamp Life	55/85/165w
ICE Induction - **Up to 100,000 HR Lamp Life	70/100/150w

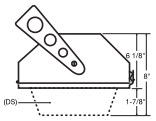
** Lamping system is WARRANTED by Osram and Philips for 40,000 HOURS.
* means Backbox Required.



MX with Yoke Mount Bracket Option



Shown with optional Drop Square (DS)



MX-DS with Yoke Mount Bracket Option

YK option

optional QL Induction with Internal Reflector saves 80% of otherwise lost light

Catalog Number Ordering Guide

Example: MX QL 85 3K EBU IND 93 WH

SERIES
- **MX** = Maximus Series

LAMP TYPE
- **DTT** = Double Twin Tube Compact Fluorescent
- **TTT** = Triple Twin Tube Compact Fluorescent
- **PL-H** = Philips Compact Fluorescent
- **MH** = Medium Base Metal Halide
- **QL** = Induction Fluorescent (Incl'd with Fixture) Vertical Lamping w/ 55 or 85 Watt ONLY
- **ICE** = Osram® Induction Fluorescent (Incl'd with Fixture)
- **ICE-R** = Osram® Sylvania ICE-R Induction Lamp with Internal Reflector (Incl'd with Fixture) — 100 Watt MAX

LAMP QUANTITY/WATTAGE
Refer to Above Chart

COLOR TEMP (INDUCTION ONLY)
- **3K** = 3000K (QL) or 3500K (ICE) color temp
- **4K** = 4000K (QL) or 4100K (ICE) color temp

VOLTAGE
- **120** = 120 Volts
- **240** = 240 Volts
- **277** = 277 Volts
- **347** = 347 Volts
- **EBU** = Universal (120-277v) Electronic Ballast Programmable Start
- **QV** = Quad Volt 120/208/240/277v (HID only)

POWER FACTOR
- **EB** = Electronic Ballast
- **EBHT** = Extreme Temperature (-30° to +90°C) Electronic Ballast Programmable Start
- **HPF** = High Power Factor for HID
- **IND** = Induction Generator

OPTIONS
- **78** = .125" Clear Tempered Glass
- **79** = .125" PS21 Prismatic Acrylic
- **80** = .125" K12 Prismatic Polycarbonate
- **81** = .156" K12 Prismatic Polycarbonate
- **85** = .156" Clear Tempered Glass
- **86** = .250" Clear Polycarbonate
- **93** = .156" C73 Prismatic Tempered Glass
- **DS** = Drop Square .125 Prismatic Polycarbonate (Req'd w/ Vertical QL)
- **EL-CFL** = Emergency Battery, 350-700 Lumens
- **EL-CW** = Cold Weather Emergency Battery, 700-1300 Lumens
- **ELH-CFL** = High Lumen (1100-3500) Emergency Battery
- **PS** = Pulse Start
- **FUS** = Single Fusing (HID Only)
- **DFUS** = Double Fusing (HID Only)
- **QL-R** = QL-R Induction Lamp with Internal Reflector (Incl'd with Fixture) 85 Watt & w/ Drop Square Diffuser ONLY
- **YK** = Adjustable Yoke Mount Bracket
- **BK** = Black Finish
- **BZ** = Bronze Finish
- **CC** = Custom Color
- **SGR** = Silver Gray
- **WH** = White

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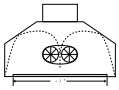
PHOTOMETRIC DATA: MAXIMUS SERIES

LSI test # 16043 MX-IND-ICE-150W-277-WH

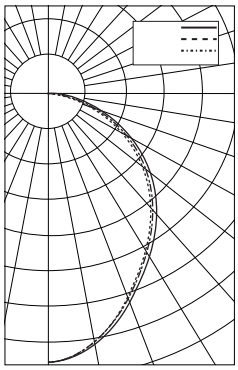
specular reflector and c73 prismatic glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	2617	21.82	30.73
0–40	4129	34.41	48.47
0–60	6934	57.79	81.39
0–90	8519	71.00	100.00
40–90	4390	36.59	51.53
60–90	1585	13.21	18.61
90–180	0	0.00	0.00
0–180	8519	71.00	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	3768
2.5	3758
5.0	3725
7.5	3669
10.0	3577
12.5	3467
15.0	3341
17.5	3203
20.0	3103
22.5	2992
25.0	2881
27.5	2766
30.0	2654
32.5	2538
35.0	2423
37.5	2301
40.0	2184
42.5	2062
45.0	1944
47.5	1826
50.0	1706
52.5	1588
55.0	1463
57.5	1343
60.0	1217
62.5	1095
65.0	970
67.5	849
70.0	728
72.5	603
75.0	485
77.5	369
80.0	263
82.5	165
85.0	88
87.5	29
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	85	85	85	83	83	83	79	79
1	78	75	72	76	74	71	71	69
2	72	67	63	70	66	62	63	60
3	66	59	54	65	58	54	56	52
4	61	54	48	60	53	48	51	46
5	57	48	42	55	47	42	46	41
6	52	43	37	51	43	37	41	37
7	48	39	33	47	39	33	37	32
8	45	36	30	44	35	30	34	29
9	42	33	27	41	32	27	31	26
10	39	30	24	38	29	24	29	24

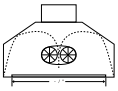
Room Cavity Ratio

LSI test # 16012 MX-IND-ICE-100W-277-WH

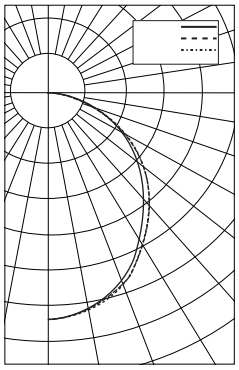
specular reflector and laminated lens of .25 clear & .125 k12 prismatic

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	1195	14.95	30.30
0–40	1906	23.83	48.29
0–60	3220	40.26	81.61
0–90	3947	49.34	100.00
40–90	2040	25.51	51.71
60–90	726	9.08	18.39
90–180	0	0.00	0.00
0–180	3947	49.34	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1610
2.5	1608
5.0	1600
7.5	1587
10.0	1567
12.5	1542
15.0	1511
17.5	1476
20.0	1434
22.5	1391
25.0	1345
27.5	1294
30.0	1244
32.5	1191
35.0	1139
37.5	1083
40.0	1028
42.5	970
45.0	914
47.5	858
50.0	800
52.5	743
55.0	684
57.5	626
60.0	566
62.5	508
65.0	448
67.5	391
70.0	334
72.5	276
75.0	221
77.5	167
80.0	117
82.5	72
85.0	36
87.5	11
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	59	59	59	57	57	57	55	55
1	54	52	50	53	51	49	49	48
2	50	47	44	49	46	43	44	42
3	46	41	38	45	41	37	39	36
4	43	37	33	42	37	33	35	32
5	39	33	29	38	33	29	32	28
6	36	30	26	35	30	26	29	25
7	33	27	23	33	27	23	26	22
8	31	25	21	30	24	20	24	20
9	29	23	19	28	22	18	22	18
10	27	21	17	26	20	17	20	16

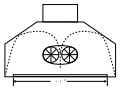
Room Cavity Ratio

LSI test # 16011 MX-IND-ICE-100W-277-WH

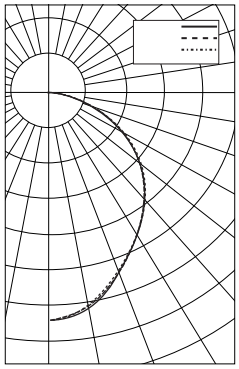
specular reflector and c73 prismatic glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	1349	16.87	29.81
0–40	2145	26.82	47.40
0–60	3653	45.67	80.73
0–90	4526	56.58	100.00
40–90	2380	29.76	52.60
60–90	872	10.91	19.27
90–180	0	0.00	0.00
0–180	4526	56.58	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1919
2.5	1914
5.0	1899
7.5	1871
10.0	1827
12.5	1774
15.0	1713
17.5	1656
20.0	1599
22.5	1546
25.0	1493
27.5	1439
30.0	1387
32.5	1331
35.0	1276
37.5	1217
40.0	1159
42.5	1098
45.0	1039
47.5	980
50.0	918
52.5	857
55.0	793
57.5	730
60.0	663
62.5	599
65.0	532
67.5	467
70.0	401
72.5	333
75.0	268
77.5	204
80.0	146
82.5	92
85.0	49
87.5	16
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	67	67	67	66	66	66	63	63
1	62	60	58	61	59	57	56	55
2	57	53	50	56	52	49	50	47
3	53	47	43	51	46	42	45	41
4	49	42	38	47	42	38	40	37
5	45	38	33	44	37	33	36	32
6	41	34	29	40	34	29	33	29
7	38	31	26	37	30	26	29	25
8	35	28	23	35	28	23	27	23
9	33	26	21	32	25	21	25	21
10	31	23	19	30	23	19	22	19

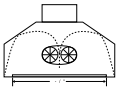
Room Cavity Ratio

LSI test # 16010 MX-IND-ICE-150W-277-WH

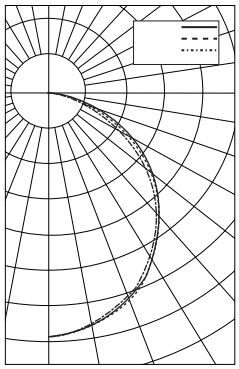
specular reflector and .125 prismatic polycarbonate lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	2303	19.20	29.70
0–40	2688	30.73	47.54
0–60	6278	52.32	80.92
0–90	77757	64.65	100.00
40–90	4069	33.92	52.46
60–90	1479	12.33	19.08
90–180	0	0.00	0.00
0–180	7757	64.65	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	3092
2.5	3085
5.0	3064
7.5	3031
10.0	2989
12.5	2943
15.0	2886
17.5	2827
20.0	2761
22.5	2690
25.0	2609
27.5	2517
30.0	2423
32.5	2319
35.0	2218
37.5	2111
40.0	2008
42.5	1899
45.0	1790
47.5	1687
50.0	157
52.5	1468
55.0	1354
57.5	1242
60.0	1126
62.5	1014
65.0	899
67.5	788
70.0	676
72.5	562
75.0	453
77.5	346
80.0	250
82.5	160
85.0	89
87.5	34
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	77	77	77	75	75	75	72	72
1	71	68	66	69	67	65	64	62
2	65	61	57	64	59	56	57	54
3	60	54	49	59	53	48	51	47
4	56	48	43	54	48	43	46	42
5	51	44	38	50	43	38	41	37
6	47	39	34	46	38	33	37	33
7	43	35	30	43	35	29	34	29
8	40	32	27	40	31	26	31	26
9	38	29	24	37	29	24	28	23
10	35	27	21	34	26	21	26	21

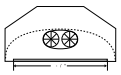
Room Cavity Ratio

LSI test # 15788 MX-IND-ICE-100W-120/277

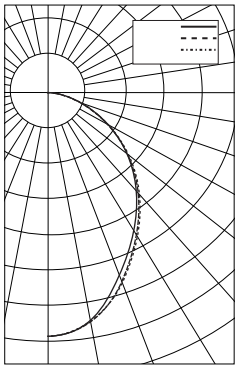
specular reflector and prismatic flat glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	1158	14.49	32.73
0–40	1801	22.51	50.88
0–60	2940	36.75	83.05
0–90	3540	44.25	100.00
40–90	1738	21.74	49.12
60–90	600	7.50	16.95
90–180	0	0.00	0.00
0–180	3540	44.25	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1712
2.5	1706
5.0	1689
7.5	1658
10.0	1612
12.5	1558
15.0	1496
17.5	1436
20.0	1375
22.5	1317
25.0	1260
27.5	1201
30.0	1145
32.5	1086
35.0	1030
37.5	971
40.0	914
42.5	856
45.0	801
47.5	747
50.0	692
52.5	638
55.0	584
57.5	531
60.0	477
62.5	426
65.0	375
67.5	326
70.0	277
72.5	227
75.0	180
77.5	135
80.0	95
82.5	57
85.0	27
87.5	6
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	53	53	53	51	51	51	49	49
1	49	47	45	48	46	45	44	43
2	45	42	40	44	41	39	40	38
3	42	38	34	41	37	34	36	33
4	39	34	31	38	33	30	32	30
5	36	31	27	35	30	27	29	26
6	33	28	24	32	27	24	26	24
7	31	25	21	30	25	21	24	21
8	28	23	19	28	22	19	22	19
9	26	21	17	26	21	17	20	17
10	25	19	16	24	19	16	18	16

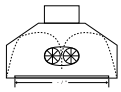
Room Cavity Ratio

LSI test # 16044 MX-IND-ICE-150W-277-WH

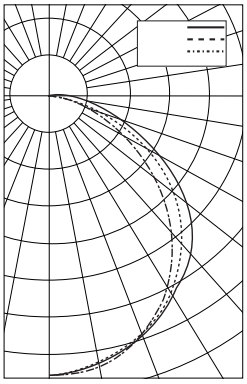
specular reflector and clear flat glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	2874	23.96	29.52
0–40	4659	38.83	47.84
0–60	8033	66.94	82.48
0–90	9739	81.16	100.00
40–90	5079	42.33	52.16
60–90	1705	14.22	17.52
90–180	0	0.00	0.00
0–180	9739	81.16	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	3796
2.5	3791
5.0	3773
7.5	3735
10.0	3696
12.5	3650
15.0	3585
17.5	3510
20.0	3430
22.5	3351
25.0	3272
27.5	3182
30.0	3083
32.5	2968
35.0	2856
37.5	2742
40.0	2625
42.5	2496
45.0	2380
47.5	2217
50.0	2060
52.5	1906
55.0	1751
57.5	1592
60.0	1426
62.5	1266
65.0	1101
67.5	945
70.0	791
72.5	637
75.0	493
77.5	353
80.0	233
82.5	131
85.0	62
87.5	24
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
0	97	97	97	94	94	94	90	90
1	89	86	83	87	84	82	81	79
2	82	77	72	81	75	71	72	69
3	76	68	62	74	67	61	65	60
4	70	61	55	68	60	54	58	53
5	65	55	48	63	54	48	52	47
6	60	49	43	58	49	42	47	41
7	55	44	38	54	44	37	42	36
8	51	40	34	50	40	33	39	33
9	47	37	30	46	36	30	35	29
10	44	33	27	43	33	27	32	26

Room Cavity Ratio

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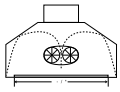
PHOTOMETRIC DATA: MAXIMUS SERIES

LSI test # 16049 MX-IND-ICE-70W-277-WH

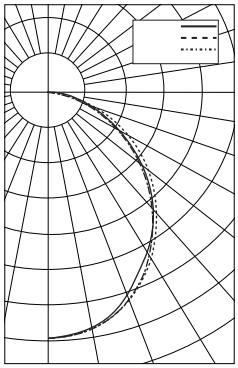
specular reflector and laminated lens of .25 clear & .125 k12 prismatic

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	896	14.95	30.30
0–40	1429	23.83	48.29
0–60	2415	40.26	81.61
0–90	2960	49.34	100.00
40–90	1530	25.51	51.71
60–90	544	9.08	18.39
90–180	0	0.00	0.00
0–180	2960	49.34	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1208
2.5	1206
5.0	1200
7.5	1190
10.0	1175
12.5	1157
15.0	1133
17.5	1107
20.0	1076
22.5	1043
25.0	1008
27.5	971
30.0	933
32.5	894
35.0	854
37.5	812
40.0	771
42.5	728
45.0	686
47.5	644
50.0	600
52.5	557
55.0	513
57.5	469
60.0	424
62.5	381
65.0	336
67.5	293
70.0	251
72.5	207
75.0	166
77.5	125
80.0	88
82.5	54
85.0	27
87.5	9
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

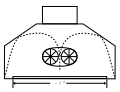
PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
Room Cavity Ratio 0	59	59	59	57	57	57	55	55
1	54	52	50	53	51	49	49	48
2	50	47	44	49	46	43	44	42
3	46	41	38	45	41	37	39	36
4	43	37	33	42	37	33	35	32
5	39	33	29	38	33	29	32	28
6	36	30	26	35	30	26	29	25
7	33	27	23	33	27	23	26	22
8	31	25	21	30	24	20	24	20
9	29	23	19	28	22	18	22	18
10	27	21	17	26	20	17	20	16

LSI test # 16048 MX-IND-ICE-70W-277-WH

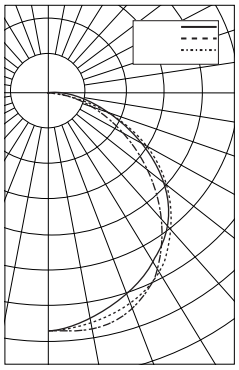
specular reflector and clear glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	1053	17.56	28.78
0–40	1720	28.68	47.01
0–60	3003	50.06	82.06
0–90	3660	61.00	100.00
40–90	1939	32.33	52.99
60–90	656	10.94	17.94
90–180	0	0.00	0.00
0–180	3660	61.00	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1345
2.5	1345
5.0	1343
7.5	1334
10.0	1322
12.5	1313
15.0	1301
17.5	1285
20.0	1264
22.5	1238
25.0	1214
27.5	1182
30.0	1149
32.5	1110
35.0	1068
37.5	1024
40.0	985
42.5	939
45.0	890
47.5	839
50.0	783
52.5	730
55.0	672
57.5	613
60.0	553
62.5	493
65.0	429
67.5	367
70.0	305
72.5	244
75.0	187
77.5	132
80.0	86
82.5	46
85.0	23
87.5	9
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

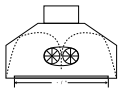
PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
Room Cavity Ratio 0	73	73	73	71	71	71	68	68
1	67	65	62	66	63	61	61	59
2	62	58	54	60	56	53	54	51
3	57	51	47	55	50	46	48	45
4	52	46	41	51	45	41	44	40
5	48	41	36	47	40	35	39	35
6	45	37	32	43	36	31	35	31
7	41	33	28	40	32	28	32	27
8	38	30	25	37	29	25	29	24
9	35	27	22	34	27	22	26	22
10	33	25	20	32	24	20	24	20

LSI test # 16047 MX-IND-ICE-70W-277-WH

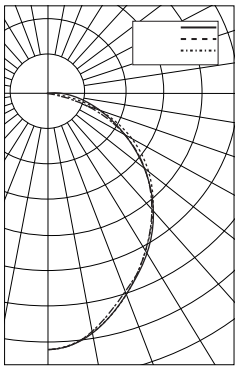
specular reflector and c73 prismatic glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	1012	16.87	29.81
0–40	1609	26.82	47.40
0–60	2740	45.67	80.73
0–90	3394	56.58	100.00
40–90	1785	29.76	52.60
60–90	654	10.91	19.27
90–180	0	0.00	0.00
0–180	3394	56.58	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1439
2.5	1436
5.0	1424
7.5	1403
10.0	1371
12.5	1330
15.0	1285
17.5	1242
20.0	1199
22.5	1159
25.0	1120
27.5	1079
30.0	1040
32.5	998
35.0	957
37.5	913
40.0	869
42.5	824
45.0	780
47.5	735
50.0	688
52.5	643
55.0	595
57.5	547
60.0	497
62.5	449
65.0	399
67.5	350
70.0	301
72.5	250
75.0	201
77.5	153
80.0	110
82.5	69
85.0	37
87.5	12
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

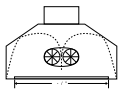
PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
Room Cavity Ratio 0	67	67	67	66	66	66	63	63
1	62	60	58	61	59	57	56	54
2	57	53	50	56	52	49	50	47
3	53	47	43	51	46	42	45	41
4	49	42	38	47	42	38	40	37
5	45	38	33	44	37	33	36	32
6	41	34	29	40	34	29	33	29
7	38	31	26	37	30	26	29	25
8	35	28	23	35	28	23	27	23
9	33	26	21	32	25	21	25	21
10	31	23	19	30	23	19	22	19

LSI test # 16046 MX-IND-ICE-100W-277-WH

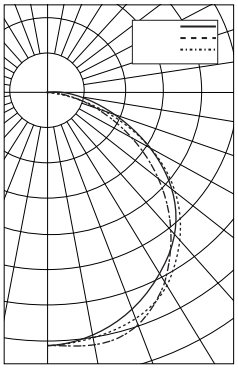
specular reflector and clear glass lens

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	1404	17.56	28.78
0–40	2294	28.68	47.01
0–60	4004	50.06	82.06
0–90	4880	61.00	100.00
40–90	2586	32.33	52.99
60–90	875	10.94	17.94
90–180	0	0.00	0.00
0–180	4880	61.00	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	1794
2.5	1793
5.0	1791
7.5	1779
10.0	1763
12.5	1751
15.0	1735
17.5	1713
20.0	1685
22.5	1651
25.0	1618
27.5	1577
30.0	1531
32.5	1479
35.0	1424
37.5	1366
40.0	1313
42.5	1251
45.0	1187
47.5	1119
50.0	1044
52.5	973
55.0	895
57.5	817
60.0	738
62.5	657
65.0	572
67.5	489
70.0	407
72.5	326
75.0	249
77.5	176
80.0	114
82.5	63
85.0	61
87.5	12
90.0	1

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

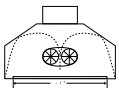
PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
Room Cavity Ratio 0	73	73	73	71	71	71	68	68
1	67	65	62	66	63	61	61	59
2	62	58	54	60	56	53	54	51
3	57	51	47	55	50	46	48	45
4	52	46	41	51	45	41	44	40
5	48	41	36	47	40	35	39	35
6	45	37	32	43	36	31	35	31
7	41	33	28	40	32	28	32	27
8	38	30	25	37	29	25	29	24
9	35	27	22	34	27	22	26	22
10	33	25	20	32	24	20	24	20

LSI test # 16045 MX-IND-ICE-150W-277-WH

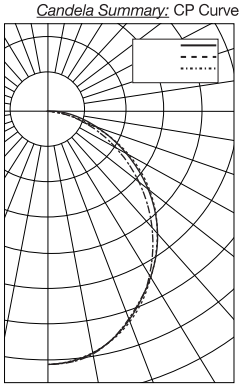
specular reflector and laminated lens of .25 clear & .125 k12 prismatic

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0–30	2334	19.45	30.91
0–40	3699	30.83	48.99
0–60	6188	51.57	81.94
0–90	7551	62.93	100.00
40–90	3852	32.10	51.01
60–90	1363	11.36	18.06
90–180	0	0.00	0.00
0–180	7551	62.93	100.00



Candela Summary: CP Curve and Table



Angle	CP
0.0	3183
2.5	3177
5.0	3158
7.5	3129
10.0	3085
12.5	3031
15.0	2963
17.5	2887
20.0	2801
22.5	2708
25.0	2611
27.5	2508
30.0	2404
32.5	2296
35.0	2189
37.5	2076
40.0	1967
42.5	1850
45.0	1739
47.5	1627
50.0	1514
52.5	1402
55.0	1286
57.5	1175
60.0	1059
62.5	948
65.0	835
67.5	727
70.0	622
72.5	514
75.0	415
77.5	316
80.0	226
82.5	140
85.0	76
87.5	29
90.0	0

Rm. Percentage=20%
PCC=Ceiling Reflectance
PW=Wall Reflectance

Coefficients of Utilization

PCC>	80%			70%			50%	
PW>	70%	50%	30%	70%	50%	30%	50%	30%
Room Cavity Ratio 0	75	75	75	73	73	73	70	70
1	69	67	64	68	65	63	63	61
2	64	59	56	62	58	55	56	53
3	59	53	48	57	52	48	50	47
4	54	48	43	53	47	42	45	41
5	50	43	38	49	42	37	41	37
6	46	39	33	45	38	33	37	33
7	43	35	30	42	34	29	33	29
8	40	32	27	39	31	26	30	26
9	37	29	24	36	29	24	28	23
10	34	26	22	34	26	22	25	21

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