

PHILIPS LIGHTOLIER

Decorative

PM

Vetro Pendants



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Two-piece cast and machined aluminum outer housing contains electrical components. Hand-blown triplex glass provides an even spread of illumination along the length of the primary glass element.

Power Heads

Series	Wattage	Source	CCT	Finish	Voltage
PM	02	LW		SA	U
PM Decorative Pendant	02 24W	LW LED	27 2700K 30 3000K 35 3500K 40 4000K	SA Satin Aluminum	U Universal 120V/277V

Series	Wattage	Source	Voltage	Finish
PM				SA
PM Decorative Pendant	32 26/32W	– CFL 4-pin triple tube	– Universal 120V/277V	SA Satin Aluminum

* Do not use with acrylic accessories (PA01, GL01A, or GL02A).

Glass/Acrylic

For LED, CFL & INC configurations.

Inner Element	Outer Element
PG01 4 3/4" Opal Glass (required for all glass options)	GL01 7" Clear Glass GL02 10 1/4" Clear Glass
PA01 4 3/4" Opal Acrylic* (required for all acrylic options)	GL01A 7" Clear Acrylic GL02A 10 1/4" Clear Acrylic

Complete LED fixture consists of **Power Head** + **Inner Element** + **Outer Element** (optional) + **Suspension Kit**.

Suspension Kits

Featuring fixture matching Satin Aluminum finish.

Series

Clear jacketed steel braided power cord, metal aircraft cable and matching canopy.

SK01 Cable/ Cord kit - Includes 3 solid aluminum lobster claws to neatly secure the steel jacketed power cord to the aircraft cable (10ft. length).

SK02 Cable/ Cord kit - Includes 4 solid aluminum lobster claws to neatly secure the steel jacketed power cord to the aircraft cable (25ft. length).

SK01X5 Cable/ Cord kit - Same specifications as SK01 (for LED version only). Includes 5-Wire configuration for optional 0-10V dimming.

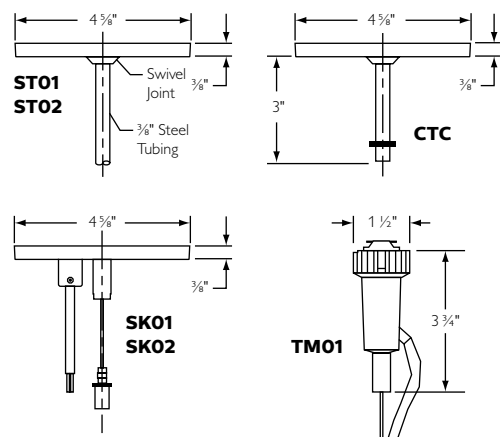
ST01 Stem kit - Stem with matching canopy (3ft. length, 3/8" dia.).

ST02 Stem kit - Stem with matching canopy (5ft. length, 3/8" dia.).

CTC Close-to-Ceiling Kit - Includes matching canopy (3" length).

TM01 Track Mounting Kit - Mounts to Lightolier Lytespan Track and includes clear jacketed steel braided power cord and metal aircraft cable (10ft. length).

SMK Surface Mount Kit - Mounts PM directly to the ceiling (6-3/8" dia.).



PM Vetro

13⁷/₈" and 16¹/₂" Pendants



Features

1. **Power Head:** Comprised of die-cast and extruded aluminum components with a brushed clear lacquer finish.
2. **Backplate:** Die Cast Aluminum, Brushed and Clear Lacquer Finish.
3. **Inner Element:** a primary diffuser comprised of Triplex hand blown glass (PG01) or opal acrylic (PA01).
4. **Outer Element:** a 7" diameter (GL01) or 10 1/4" diameter (GL02) cylindrical section of clear extruded glass with polished edges. A 7" diameter (GL01A) or 10 1/4" diameter (GL02A) cylindrical section of clear acrylic is also available. All outer assemblies come with a die-cast aluminum holder ring with stainless steel support pins.
5. **Luminaire Mounting:** Luminaire can be suspended from ceiling using clear metallic straight cord/cable with canopy (SK01/SK02), stem with canopy (ST01/ST02), close-to-ceiling (CTC) or track mounting (TM01) suspension kits.

Lamping

LED: 24W Max. (+/-5%)

Input Voltage	Input Frequency	LED Drive Current	Input Power	THD	Power Factor
120V	50/60Hz	350mA	24W	<5%	>0.9
277V	50/60Hz	350mA	24W	<10%	>0.9

Incandescent: 150W Max. T4 mini-candelabra.

Compact Fluorescent:

26/32W Max. 4-pin Triple tube.

General Electric	Osram/Sylvania	Philips
(1) 26W Triple Tube 4-Pin (Amalgam) CFL Lamp		
F26TBX/*A/4P	CF26DT/E/IN/*	PL-T26W/*4P/ALTO
(1) 32W Triple Tube 4-Pin (Amalgam) CFL Lamp		
F32TBX/*A/4P	CF32DT/E/IN/*	PL-T32W/*4P/ALTO

* Manufacturers color temperature designation.

Electrical

Dimming: 0-10V dimming.

LED Board: Array of high brightness white LEDs.

LED Thermal Management: Heat sink design maintains junction temperature for consistent, reliable performance and 50,000 hour lifetime at 70% lumen maintenance.

LED Electronic Power Supply: 120 or 277V, 50/60Hz, encased, overload and short circuit protected, thermal regulation to protect against overheating, sound rating "A", -20° C minimum starting temp, 40° C maximum operating temp.

Incandescent: E11 Base, porcelain, nickel plated copper alloy screw shell.

Compact Fluorescent:

26/32W triple tube: GX24q-3 Base.

All CFL configurations offer high impact thermoset polymers with brass contacts.

CFL Ballasts	26 Watts TTT		32 Watts TTT	
Voltage	120V	277V	120V	277V
Watts (max)	28W	28W	38W	36W
Amps (max)	.25A	.11A	.3A	.13A

Labels

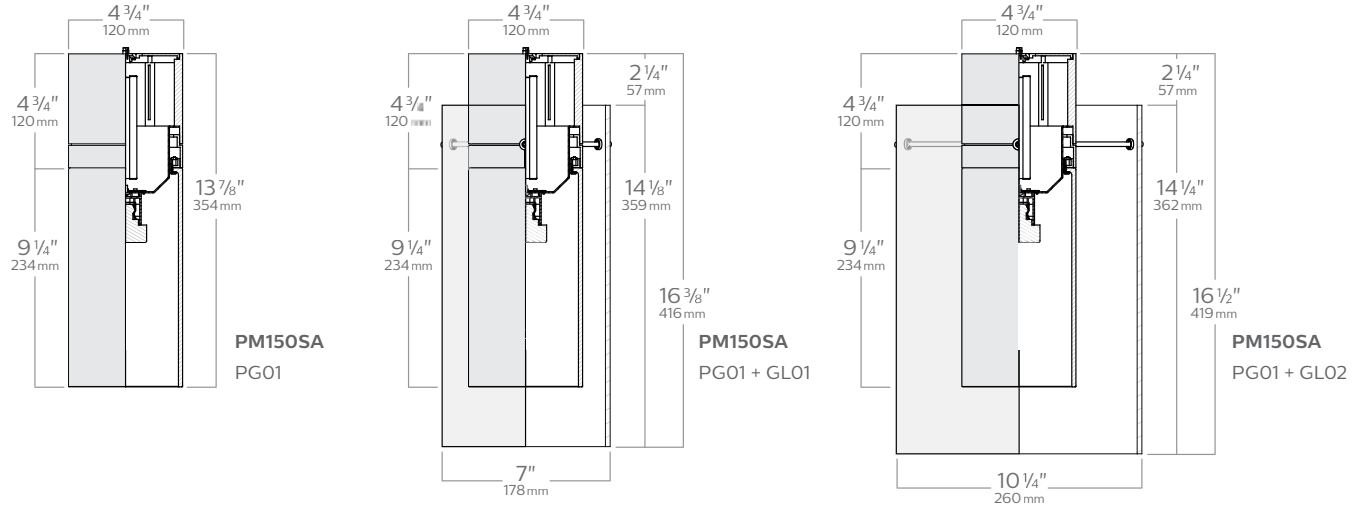
cULus Listed.

Suitable for damp locations.

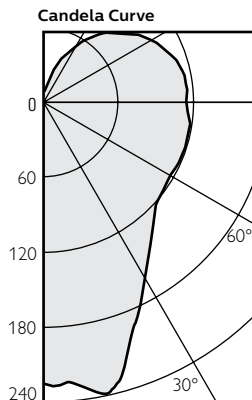
PM Vetro

13⁷/₈" and 16¹/₂" Pendants

INC dimensions



PM150SA w/PG01 (with or without GL01/GL02), 150W T4 mini-candelabra, 950lms



Report: 3094FR

Output Lumens: 950lms
Input Watts: 150W
Spacing Criterion:

Zonal lumens & percentages

Zone	Lumens	%Lamp	%Fixture
0-30	170.48	6.1	12.2
0-40	263.56	9.4	18.8
0-60	467.85	16.7	33.4
0-90	838.84	30	59.8
90-120	350.51	12.5	25
90-130	434.83	15.5	31
90-150	535.51	19.1	31
90-180	563.65	20.1	40.2
0-180	1402.49	50.1	100

** Efficiency = 50.1% **

Candlepower summary

Angle	Mean CP	Angle	Mean CP
0	229	90	115
5	226	95	116
10	236	100	115
15	234	105	113
20	204	110	110
25	183	115	106
30	165	120	100
35	148	125	94
40	135	130	87
45	125	135	79
50	121	140	71
55	119	145	62
60	118	150	53
65	119	155	44
70	119	160	34
75	119	165	24
80	119	170	12
85	116	175	3
90	115	180	1

Zonal lumen summary

Zone	Lumens
0-10	21.93
10-20	64.18
20-30	84.37
30-40	93.08
40-50	94.43
50-60	106.86
60-70	118
70-80	125.89
80-90	127.1
90-100	126.29
100-110	119.43
110-120	104.78
120-130	84.33
130-140	61.35
140-150	39.33
150-160	20.57
160-170	6.98
170-180	.59

Coefficients of utilization

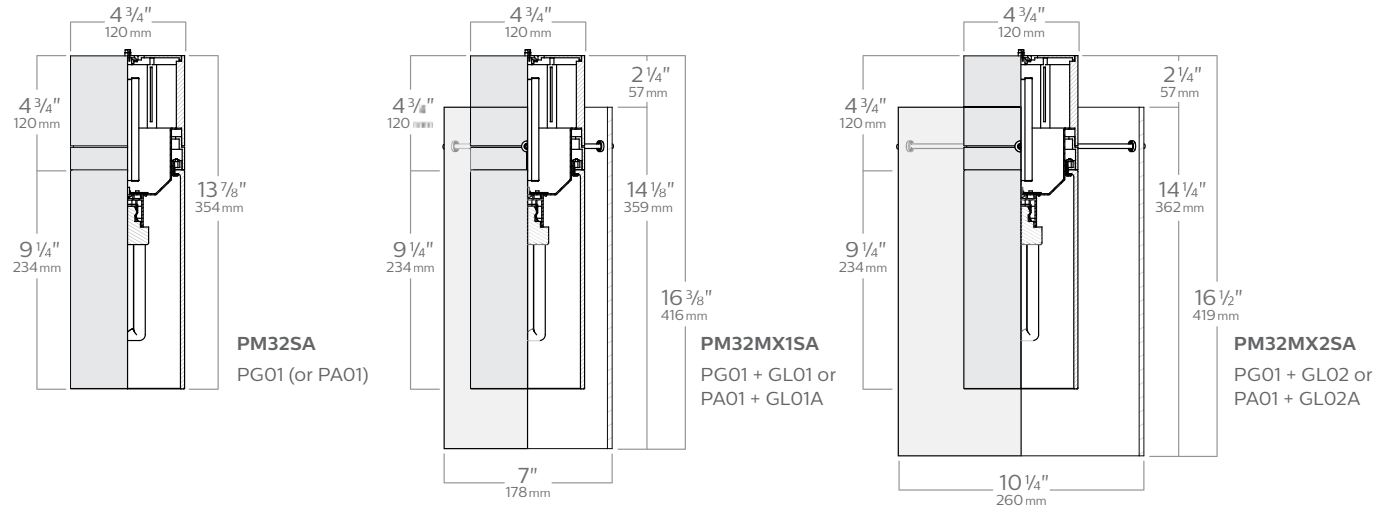
Ceiling	80%	70%	50%	30%	0%
Wall	70	50	30	10	0
Room Cavity Ratio	0	55	55	55	51
1	48	45	42	40	38
2	43	38	34	31	26
3	39	33	29	25	22
4	35	29	25	21	20
5	33	26	21	18	18
6	30	23	19	15	16
7	28	21	17	13	15
8	26	19	15	12	13
9	24	17	13	11	12
10	22	16	12	10	11

Zonal cavity method - Effective floor reflect. = 20%
Determined in accordance with current IES
published procedures. Luminaire Input Watts = 150

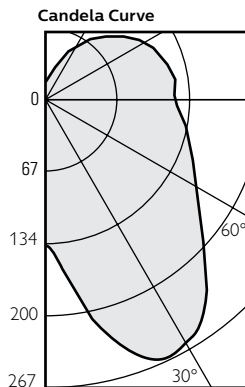
PM Vetro

13⁷/₈" and 16¹/₂" Pendants

CFL dimensions



PM32SA w/PG01 (with or without GL01/GL02), 32W 4-Pin Triple Tube, 2400lms



Report: 3095FR

Output Lumens: 2400lms
Input Watts: 32W
Spacing Criterion: 2.0

Zonal lumens & percentages

Zone	Lumens	%Lamp	%Fixture
0-30	204.54	8.5	11.9
0-40	362.64	15.1	21.1
0-60	683.78	28.5	39.8
0-90	1121.98	46.7	65.3
90-120	370.57	15.4	21.6
90-130	459.74	19.2	26.7
90-150	566.71	23.6	26.7
90-180	597.18	54.9	34.7
0-180	1719.16	71.6	100

** Efficiency = 71.6% **

Candlepower summary

Angle	Mean CP	Angle	Mean CP
0	140	90	122
5	157	95	123
10	194	100	122
15	232	105	119
20	256	110	116
25	267	115	112
30	265	120	106
35	254	125	99
40	235	130	92
45	212	135	84
50	190	140	75
55	175	145	66
60	163	150	57
65	153	155	47
70	146	160	37
75	139	165	26
80	133	170	14
85	127	175	5
90	122	180	2

Zonal lumen summary

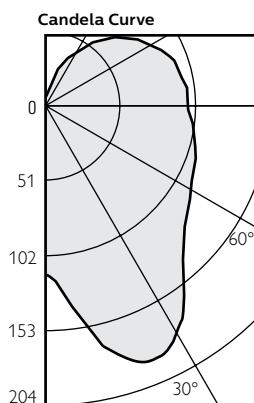
Zone	Lumens
0-10	16.16
10-20	65.89
20-30	122.49
30-40	158.1
40-50	163.81
50-60	157.34
60-70	152.38
70-80	147.13
80-90	138.68
90-100	133.65
100-110	126.18
110-120	110.74
120-130	89.16
130-140	65.13
140-150	41.84
150-160	22.03
160-170	7.67
170-180	.78

Coefficients of utilization

Ceiling		80%				70%		50%		30%		0%
Wall		70	50	30	10	50	10	50	10	50	10	0
Room Cavity Ratio	0	79	79	79	79	75	75	66	66	58	58	47
	1	70	66	62	58	61	55	54	49	47	43	43
	2	63	56	50	46	52	43	46	38	40	34	27
	3	57	48	42	37	45	35	40	31	34	28	22
	4	52	42	36	31	40	29	35	26	30	23	18
	5	47	38	31	26	35	25	31	22	27	20	18
	6	43	34	27	22	32	21	28	19	24	17	13
	7	40	30	24	19	28	18	25	17	22	15	11
	8	37	27	21	17	26	16	23	15	20	13	10
	9	34	25	19	15	23	14	21	13	18	12	9
10	32	23	17	13	22	13	19	12	17	10	8	

Zonal cavity method - Effective floor reflect. = 20%
Determined in accordance with current IES
published procedures. Luminaire Input Watts = 33

PM32SA w/PG01 (with or without GL01/GL02), 26W 4-Pin Triple Tube, 1800lms



Report: 3096FR

Output Lumens: 1800lms
Input Watts: 26W
Spacing Criterion: .96

Zonal lumens & percentages

Zone	Lumens	%Lamp	%Fixture
0-30	160.61	8.9	11.9
0-40	270.4	15	20
0-60	496.44	27.6	36.7
0-90	851.27	47.3	62.9
90-120	313.17	17.4	23.1
90-130	387.96	21.6	28.7
90-150	477.26	26.5	28.7
90-180	502.48	27.9	37.1
0-180	1353.75	75.2	100

** Efficiency = 75.1% **

Candlepower summary

Angle	Mean CP	Angle	Mean CP
0	124	90	103
5	139	95	104
10	166	100	103
15	190	105	101
20	200	110	98
25	203	115	94
30	193	120	89
35	176	125	84
40	157	130	77
45	143	135	70
50	134	140	63
55	128	145	55
60	123	150	47
65	119	155	39
70	116	160	31
75	113	165	22
80	111	170	11
85	107	175	3
90	103	180	2

Zonal lumen summary

Zone	Lumens
0-10	14.08
10-20	53.67
20-30	92.85
30-40	109.8
40-50	111.18
50-60	114.85
60-70	118.45
70-80	119.92
80-90	116.46
90-100	113.2
100-110	109.73
110-120	93.24
120-130	74.79
130-140	54.55
140-150	34.75
150-160	18.27
160-170	6.37
170-180	.58

Coefficients of utilization

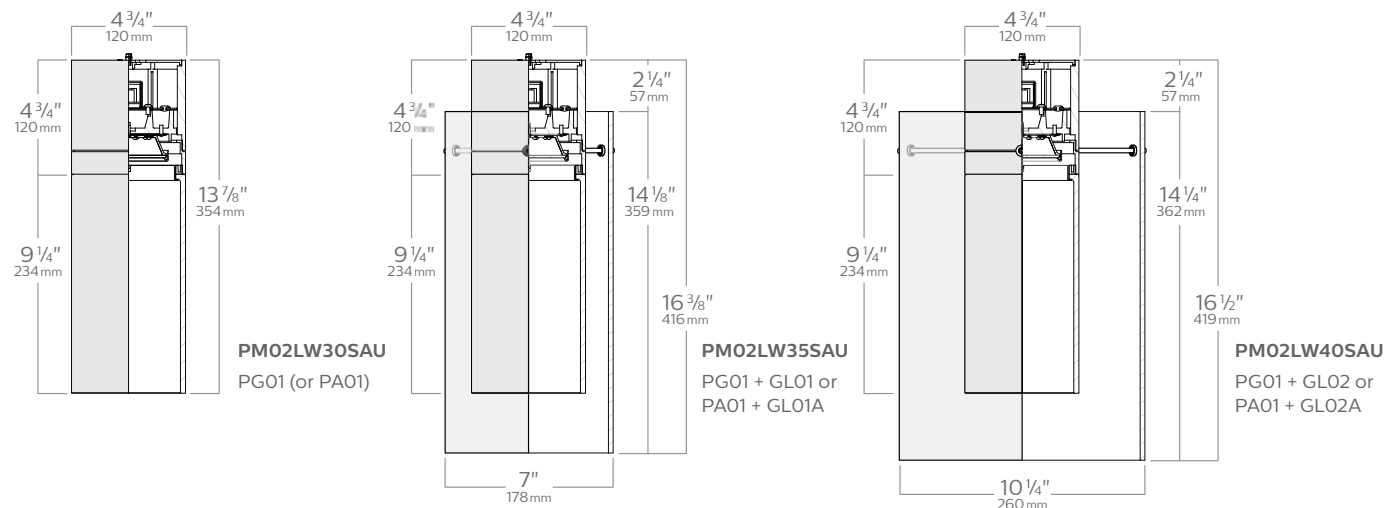
Ceiling		80%				70%		50%		30%		0%
Wall		70	50	30	10	50	10	50	10	50	10	0
Room Cavity Ratio	0	83	83	83	83	78	78	68	68	59	59	47
	1	73	68	64	60	64	57	55	50	48	43	34
	2	65	58	52	47	54	45	47	39	40	34	26
	3	59	50	44	38	47	36	41	32	35	28	21
	4	54	44	37	32	41	30	36	27	31	23	18
	5	49	39	32	27	37	26	32	23	27	20	15
	6	45	35	28	23	33	22	29	20	25	17	13
	7	42	31	25	20	30	19	26	17	22	15	11
	8	39	28	22	18	27	17	23	15	20	13	10
	9	36	26	16	14	24	15	22	13	19	12	9
10	34	24	18	14	22	13	20	12	17	11	8	

Zonal cavity method - Effective floor reflect. = 20%
Determined in accordance with current IES
published procedures. Luminaire Input Watts = 29

PM Vetro

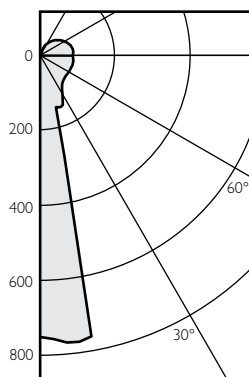
13⁷/₈" and 16¹/₂" Pendants

LED dimensions



PM02LW35SAU w/PG01 (with or without GL01/GL02), 24W, 1000lms

Candela Curve



Report#: 202GFR

Output Lumens: 1051lms
Input Watts²: 24.3W
Efficacy: 43.3lm/w
CCT³: 3500K
CRI: >80 (min)

Zonal lumens & percentages

Zone	Lumens	%Luminaire
0-30	195	19%
0-40	254	24%
0-60	396	38%
0-90	659	63%
90-180	392	37%
0-180	1051	100%

Candela Array

Angle	Mean CP	Angle	Mean CP
0	736	90	81
5	754	95	82
10	746	100	81
15	143	105	79
20	147	110	77
25	130	115	74
30	106	120	69
35	94	125	65
40	89	130	60
45	86	135	55
50	85	140	50
55	84	145	43
60	85	150	37
65	85	155	30
70	85	160	23
75	84	165	15
80	84	170	5
85	82	175	1

Coefficients of utilization

Ceiling	80%			70%			50%			0%
Wall	70	50	10	70	50	10	50	30	10	0
0	101	101	101	103	103	103	90	90	90	63
1	98	92	87	91	86	82	75	72	68	47
2	88	80	72	82	75	68	65	60	55	38
3	81	70	62	75	66	58	57	52	47	32
4	74	63	54	69	59	51	52	46	41	29
5	69	56	48	64	53	45	47	40	36	25
6	64	51	43	59	48	40	43	36	32	23
7	59	47	38	55	44	37	39	33	29	21
8	56	43	35	52	41	33	36	30	26	19
9	52	40	32	49	38	31	34	28	24	18
10	49	37	30	46	35	28	32	26	22	17

Zonal cavity method - Effective floor reflect. = 20%

1. Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products. Luminaire with glass tested by relative photometric method.
2. Wattage: controlled to within 5%
3. Correlated Color Temperature: within specs as defined in ANSI_NEMA_ANSLG C78.377-20 08: Specifications for the Chromaticity of Solid State Lighting Products.

© 2015 Koninklijke Philips N.V. All rights reserved.
Philips reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.
philips.com/luminaires



Philips Lighting, North America Corporation
200 Franklin Square Drive, Somerset, NJ 08873
Tel. 855-486-2216

Imported by: Philips Lighting,
A division of Philips Electronics Ltd.
281 Hillmount Rd, Markham, ON, Canada L6C 2S3
Tel. 800-668-9008