Sentry VP60

Vandal Resistant Injection Moulded Polycarbonate Lens

Sentry VP60 Frosted

Sentry VP60 Opal

Description

YPP **Sentry VP60 Opal** and **Sentry VP60 Frosted** are rugged vandal resistant security lenses made from injection moulded UV stabilised polycarbonate. **Sentry VP60** is provisioned for a gasket to be fitted. **Sentry VP60** is weather proof and suitable for use in vandal prone areas. **Sentry VP60** can suit twin 36 watt T8 lamp, or twin 28-54 T5 lamp configuration.

Standards

The Sentry VP60 Polycarbonate lens is tested to the requirements of IK10 and is in compliance with the requirements of IEC 62262.

Applications

Due to its tough design **Sentry VP60** is ideal for use in vandal prone areas such as:

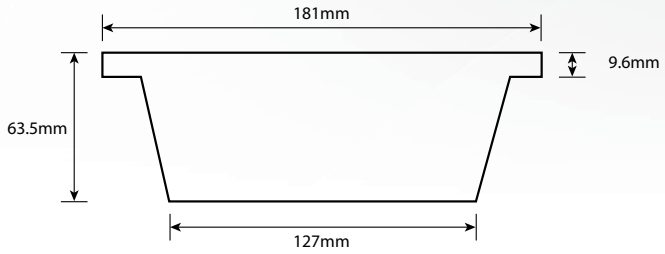
- Prisons and justice centres
- Mental health facilities
- Schools
- Car parks
- Garages
- Public housing

Colours

Opal
Frosted

Dimensions

Width: 181 mm wide
Length: 1268.41mm
Height: 63.5mm



VP60 internal

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Australian Sheet Traders

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Photometric Summary

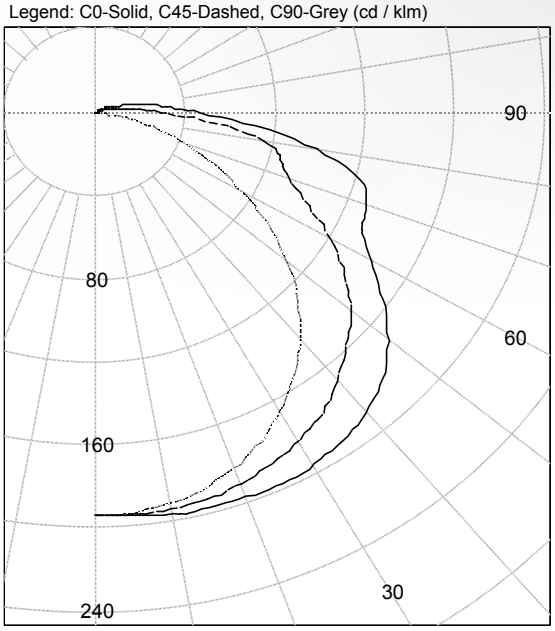
2 x 36W Surface Mount Luminaire with Clear Diffuser.

Light Output Ratio	78.2%
SHR Nominal	1.50
SHR Maximum	1.67

Intensity Summary (cd / klm)

	C-Plane					Flux
Gamma	C0	C22.5	C45	C67.5	C90	(lm / klm)
0.0	195	195	195	195	195	
5.0	196	195	195	194	194	19
10.0	197	196	194	192	192	
15.0	197	196	193	189	188	55
20.0	198	196	191	185	182	
25.0	198	195	187	179	175	86
30.0	196	193	182	171	166	
35.0	193	188	177	162	155	110
40.0	189	183	169	150	143	
45.0	181	176	159	138	128	121
50.0	171	166	149	123	112	
55.0	157	152	136	108	94	116
60.0	142	136	121	91	76	
65.0	132	123	105	76	58	100
70.0	129	119	92	61	42	
75.0	122	114	86	48	29	84
80.0	100	95	76	38	18	
85.0	72	67	54	28	9	52
90.0	47	43	32	16	3	

Legend: C0-Solid, C45-Dashed, C90-Grey (cd / klm)



(Two plane symmetry) C0-C90

Zonal Flux and Percentages

Zone	Flux (lm / klm)	% Lamp	% Luminaire
0-30	159	15.9	20.4
0-40	269	26.9	34.4
0-60	507	50.7	64.8
0-90	742	74.2	95.0
40-90	473	47.3	60.5
60-90	236	23.6	30.2
90-180	39	3.9	5.0
0-180	782	78.2	100.0

Average Luminance (cd / s.q.m / klm)

Gamma	C0	C45	C90
45.0	871	796	756
55.0	849	779	671
65.0	848	729	546
75.0	1007	785	416
85.0	863	757	306

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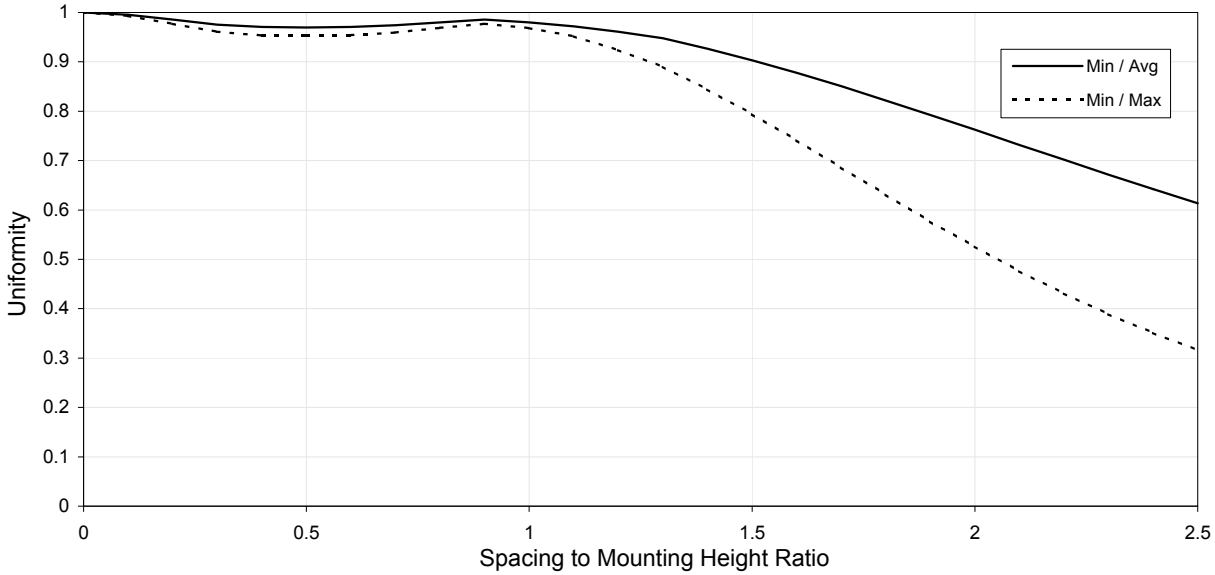
Utilization Factors UF(F)

SHR NOM = 1.75										
Room Reflectance.			Room Index							
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	n/a	0.49	0.54	0.58	0.64	0.68	0.70	0.74	0.77
		0.30	n/a	0.43	0.48	0.52	0.58	0.63	0.66	0.70	0.73
		0.10	n/a	0.38	0.43	0.47	0.54	0.58	0.62	0.67	0.70
0.50	0.50	0.20	n/a	0.47	0.52	0.55	0.61	0.64	0.67	0.70	0.73
		0.30	n/a	0.41	0.46	0.50	0.56	0.60	0.63	0.67	0.70
		0.10	n/a	0.37	0.42	0.46	0.52	0.56	0.60	0.64	0.67
0.30	0.50	0.20	n/a	0.45	0.49	0.53	0.58	0.61	0.63	0.67	0.69
		0.30	n/a	0.40	0.45	0.49	0.54	0.57	0.60	0.64	0.66
		0.10	n/a	0.36	0.41	0.45	0.51	0.54	0.57	0.62	0.64
0.00	0.00	0.00	n/a	0.34	0.38	0.42	0.47	0.51	0.53	0.57	0.60

Rating : Photometrically tested without ceiling board.
Multiply values by service correction factors.
Calculated in accordance with CIBS Technical Memorandum No. 5 1980 using the fine grid method.
Luminaire discretisation employed. Ceiling/Wall/Floor reflectances not used in calculations.

Uniformity Diagram



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