

"CP9" Daylighting Analysis¹

CLASS PACK

Instructional Mode w/Daylighting

Product	Lamp		Desk	White Board	Power	Watts/sq ft
			FC/Max:Min	FC/Max:Min	120/277	120/277 ²
CPSP8 IS A12125	32 Watt	Click here for Typical	110 fc/6.3:1	57 fc/1.9:1	488/475	.54/.53
CPSP8 PS A12125	32 Watt	Click here for Typical	105 fc/7.0:1	56 fc/1.8:1	440/432	.49/.48
CPSP8 IS A19	32 Watt	Click here for Typical	108 fc/6.6:1	54 fc/1.8:1	488/475	.54/.53
CPSP8 PS A19	32 Watt	Click here for Typical	103 fc/7.3:1	53 fc/2.0:1	440/432	.49/.48
CPES8 IS	32 Watt	Click here for Typical	94 fc/9.0:1	57 fc/1.9:1	488/475	.54/.53
CPES8 PS	32 Watt	Click here for Typical	91 fc/9.6:1	56fc/1.9:1	440/432	.49/.48
CPRT8 IS	32 Watt	Click here for Typical	109 fc/6.3:1	60 fc/1.8:1	488/475	.54/.53
CPRT8 PS	32 Watt	Click here for Typical	103 fc/6.9:1	59 fc /1.8:1	440/432	.49/.48
2SP8 3 Lamp 2 Ballast	32 Watt	Click here for Typical	124 fc/5.1:1	59 fc/1.8:1	540/534	.60/.59
IESNA Recommendations			50 fc	NA	NA	NA
CHPS Recommendations			45 fc	20 fc	720-810	.80-.90
ASHRAE 90.1 2007			NA	NA	NA	1.4

¹ Requires photocell for daylight operation

² Based on 900 square foot classroom

Other Assumptions:

Location: Washington DC

Date: September 21st, 2008

Time: 12:00 PM

Sky: Overcast

