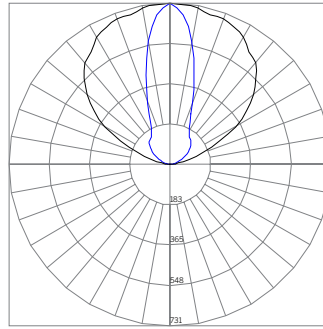


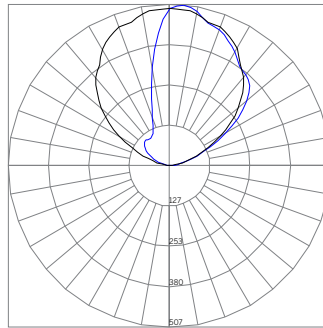
PAL-C...-MFL Delivered Lumens - Medium Flood				
		Length [Wattage]		
		20 [6]	45 [13]	57 [19]
CCT	27	508	931	1474
	30	553	1014	1604
	35	553	1014	1604
	40	575	1053	1668
Polar Plot / Cone Of Light Multiplier				
		20 [6]	45 [13]	57 [19]
		0.55	1.00	1.58



Beam Angle (0-180) = 34.2  
Beam Angle (90-270) = 117.2

CONE OF LIGHT - 45" 13W 3000K MEDIUM FLOOD PAL-C-45-13-...-30-MFL-...*		
Throw Distance [Ft]	Illuminance [Fc]	Beam Diameter [Ft]
20	2	12.3
18	2	11.1
16	3	9.8
14	4	8.6
12	5	7.4
10	7	6.2
8	11	4.9
6	20	3.7
4	46	2.5
2	183	1.2

PAL-C...-WW Delivered Lumens - Wall Washer				
		Length [Wattage]		
		20 [6]	45 [13]	57 [19]
CCT	27	499	967	1531
	30	543	1052	1665
	35	543	1052	1665
	40	575	1096	1734
Polar Plot / Cone Of Light Multiplier				
		20 [6]	45 [13]	57 [19]
		0.52	1.00	1.58

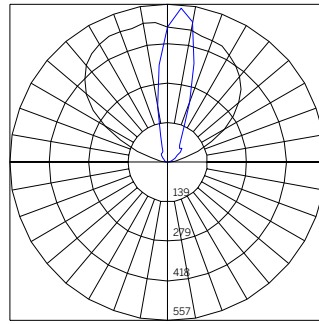


Beam Angle (0-180) = 112.6  
Beam Angle (90-270) = 105.2

CONE OF LIGHT - 45" 13W 3000K WALL WASHER PAL-C-45-13-...-30-WW-...*		
Throw Distance [Ft]	Illuminance [Fc]	Beam Diameter [Ft]
20	1	60.0
18	2	54.0
16	2	48.0
14	3	42.0
12	4	36.0
10	5	30.0
8	8	24.0
6	14	18.0
4	32	12.0
2	127	6.0

\* Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

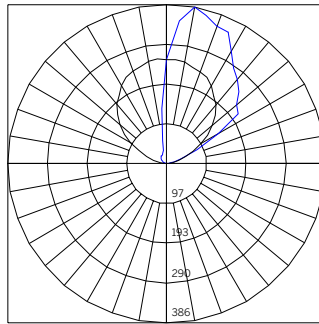
PAL-CAG-...-MFL Delivered Lumens - Medium Flood				
		Length [Wattage]		
		20 [6]	45 [13]	57 [19]
CCT	27	266	499	-
	30	290	540	-
	35	290	540	-
	40	296	551	-
Polar Plot / Cone Of Light Multiplier				
		20 [6]	45 [13]	57 [19]
		0.54	1.00	-



Beam Angle (0-180) = 38.9  
Beam Angle (90-270) = 118.4

CONE OF LIGHT - 45" 13W 3000K MEDIUM FLOOD PAL-CAG-45-13-...-30-MFL-...*		
Throw Distance [Ft]	Illuminance [Fc]	Beam Diameter [Ft]
20	2	12.3
18	2	11.1
16	3	9.8
14	4	8.6
12	5	7.4
10	7	6.2
8	11	4.9
6	20	3.7
4	46	2.5
2	183	1.2

PAL-CAG-...-WW Delivered Lumens - Wall Washer				
		Length [Wattage]		
		20 [6]	45 [13]	57 [19]
CCT	27	339	568	-
	30	367	616	-
	35	367	616	-
	40	376	631	-
Polar Plot / Cone Of Light Multiplier				
		20 [6]	45 [13]	57 [19]
		0.60	1.00	-



Beam Angle (0-180) = 112.8  
Beam Angle (90-270) = 108

CONE OF LIGHT - 45" 13W 3000K WALL WASHER PAL-CAG-45-13-...-30-WW-...*		
Throw Distance [Ft]	Illuminance [Fc]	Beam Diameter [Ft]
20	1	60.0
18	2	54.0
16	2	48.0
14	3	42.0
12	4	36.0
10	5	30.0
8	8	24.0
6	14	18.0
4	32	12.0
2	127	6.0

\* Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.