

Cupa

22" Diameter half sphere pendant.

Black or White exterior finish.
White interior finish only.

4.75 Ø Canopy Included.
10ft Black or White cloth cord.

LED DOB 24W.
Selectable CCT: 3000K, 3500K, 4000K.

120V Input Voltage.

Model
PD271

DOB24 LED DOB 24W
(DOB: Driver on Board)

Finish	Lamp	CCT
BL	DOB24	CCT

BL black
WH white

CCT Selectable CCT:
3000K, 3500K, 4000K



CCT: 4000K



CIE Colorimetric Parameters

Chromaticity Coordinates: $x = 0.3825$ $y = 0.3831$ $u (u') = 0.2240$ $v = 0.3364$ $v' = 0.5046$

CCT: $T_c = 3990K$ ($duv = 0.00232$)

Peak Wavelength: 452nm

Dominant Wavelength: 577.9nm

Color Render Index: $R_a = 95.6$, $CRI = 93.0$

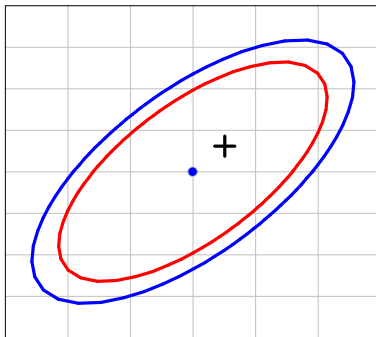
Color Ratio: $R = 0.199$ $G = 0.760$ $B = 0.041$

Half Bandwidth: 25.2nm

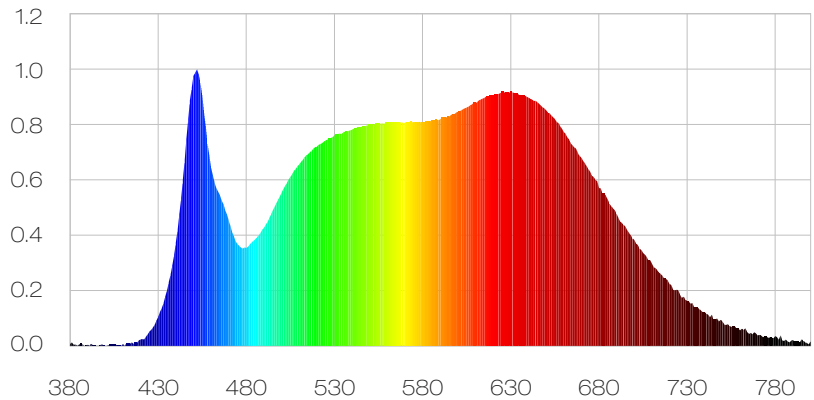
Color Purity: 0.298

R1 = 96	R2 = 96	R3 = 94	R4 = 97	R5 = 95	R6 = 93	R7 = 99	R8 = 95
R9 = 85	R10 = 99	R11 = 96	R12 = 72	R13 = 96	R14 = 96	R15 = 95	

SDCM: 1.3



$x = 0.3800$ $y = 0.3800$ 4000K/Cool White



Photometric Parameters

Luminous Flux: 834.71 lm

Cirtpopic Flux: 2715.54 lm

Radiant Power: 2.966W

Efficiency: 36.76 lm/W

Electric Parameters

Power: 22.71W

Voltage: 119.80V

Power Factor: 0.9160

Current: 0.2070 A

Frequency: 60.04 Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: -1 Min

Max of Signal: 44784 (5189)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4π

CCD Integration Time: 816.79 ms



CCT: 3000K



CIE Colorimetric Parameters

Chromaticity Coordinates: $x = 0.4329$ $y = 0.4022$ $u (u') = 0.2488$ $v = 0.3467$ $v' = 0.5200$

CCT: $T_c = 3054K$ ($duv = 0.00020$)

Peak Wavelength: 625nm

Dominant Wavelength: 582.7nm

Color Render Index: $R_a = 96.0$, $CRI = 93.9$

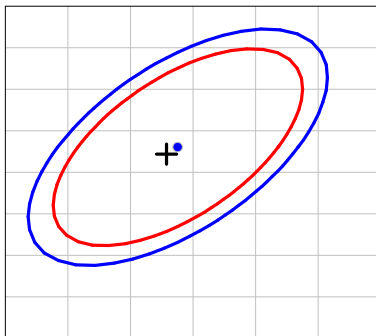
Color Ratio: $R = 0.243$ $G = 0.726$ $B = 0.030$

Half Bandwidth: 175.1nm

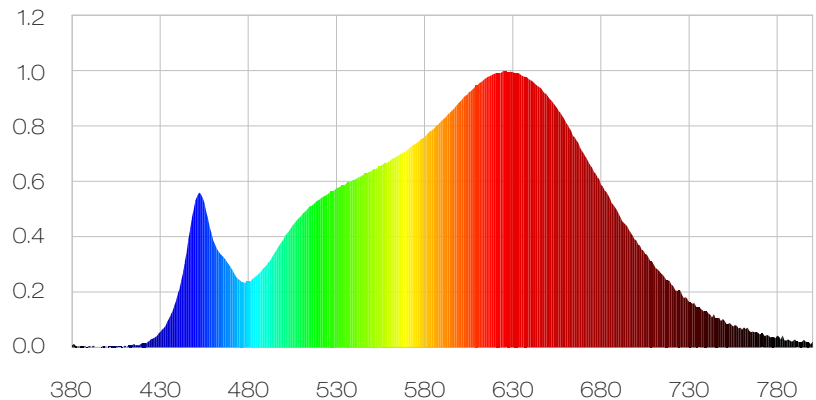
Color Purity: 0.506

R1 = 97	R2 = 98	R3 = 98	R4 = 97	R5 = 97	R6 = 97	R7 = 95	R8 = 90
R9 = 76	R10 = 94	R11 = 98	R12 = 83	R13 = 97	R14 = 98	R15 = 94	

SDCM: 0.5



$x = 0.4338$ $y = 0.4030$ E-START/3000K



Photometric Parameters

Luminous Flux: 807.98 lm

Cirtpopic Flux: 2064.45 lm

Radiant Power: 2.910W

Efficiency: 34.86 lm/W

Electric Parameters

Power: 23.18W

Voltage: 119.70V

Power Factor: 0.9220

Current: 0.2100 A

Frequency: 60.04 Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: -1 Min

Max of Signal: 46604 (5253)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4π

CCD Integration Time: 816.79 ms



CCT: 3500K



CIE Colorimetric Parameters

Chromaticity Coordinates: $x = 0.4078$ $y = 0.3919$ $u (u') = 0.2369$ $v = 0.3414$ $v' = 0.5121$

CCT: $T_c = 3455K$ ($duv = 0.00005$)

Peak Wavelength: 629nm

Dominant Wavelength: 581.1nm

Color Render Index: $R_a = 97.0$, $CRI = 95.0$

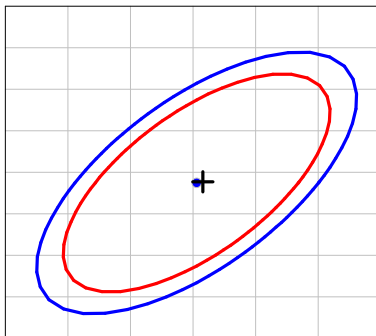
Color Ratio: $R = 0.224$ $G = 0.740$ $B = 0.036$

Half Bandwidth: 189.2nm

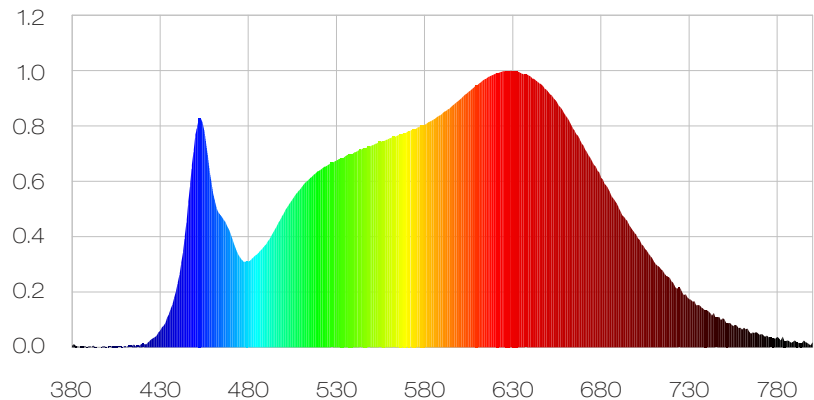
Color Purity: 0.400

R1 = 98	R2 = 98	R3 = 97	R4 = 98	R5 = 97	R6 = 96	R7 = 97	R8 = 94
R9 = 86	R10 = 95	R11 = 98	R12 = 78	R13 = 99	R14 = 97	R15 = 97	

SDCM: 0.3



$x = 0.4073$ $y = 0.3917$ E-START/3500K



Photometric Parameters

Luminous Flux: 928.84 lm

Cirtpopic Flux: 2720.41 lm

Radiant Power: 3.347W

Efficiency: 38.83 lm/W

Electric Parameters

Power: 23.92W

Voltage: 119.70V

Power Factor: 0.9280

Current: 0.2150 A

Frequency: 60.04 Hz

Test Information

Scan Range: 380nm~800nm:1nm

Stabilization Time: -1 Min

Max of Signal: 48817 (5244)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4π

CCD Integration Time: 816.79 ms

