



LED PANEL ECOWHITE V4

DESCRIPTION

LED Panel Ecowhite V4 is a luminaire suitable for replacing conventional T5 fixtures, generating up to 50% in energy savings. The panel cover has a UGR<19 value, which, according to EN 12464:2011, is ideally suited for offices, meeting rooms, libraries, health centers, schools, etc. With the special micro-prisma lens, the panels ensure a thoroughly diffused light effect for all kinds of applications. The fixture integrates perfectly with 600x600, 620x620, and 300x1200 common grid ceiling layouts. The ultra-thin design allows the fixture to be installed in areas with a limited installation height. If there is no grid ceiling, a suspension kit or surface-mounted kit can be purchased to help install the luminaire in the desired area.

The integrated LED light source can last up to 50,000 hours, guaranteeing savings on maintenance and replacement costs. This fixture is also flicker-free, measured according to LM-79 and SDCM measuring methods.

Because of its high efficiency of 114–121 lumens per watt, it's excellent value for money and guarantees a short payback period.



APPLICATIONS



Office



School



Hospital



Retail



Library



Congress

OPTIONAL

- Suspension Kit
- Surface Mounted Kit
- Mounting Clips
- Security Cable

SPECIFICATION

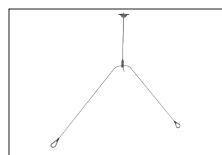
Item No.	EAN	Item Description	Power (W)	Lumen (LM)	Efficacy (lm/W)	Input Current(mA)	CCT (K)	CRI	Lifespan L80 at 25°C
248928	8719157048613	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 Philips driver	28	3200	114	160	3000	>80	50,000hrs
248929	8719157048620	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 UGR<19 Philips driver	28	3200	114	160	3000	>80	50,000hrs
248930	8719157048637	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 Philips driver	28	3400	121	160	4000	>80	50,000hrs
248931	8719157048644	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 UGR<19 Philips driver	28	3400	121	160	4000	>80	50,000hrs
248932	8719157048651	LED Panel Ecowhite V4.0 28W 3400lm 6500K 600X600 Philips driver	28	3400	121	160	6500	>80	50,000hrs
248933	8719157048668	LED Panel Ecowhite V4.0 28W 3400lm 4000K 620X620 UGR<19 Philips driver	28	3400	121	160	4000	>80	50,000hrs
248934	8719157048675	LED Panel Ecowhite V4.0 28W 3200lm 3000K 300X1200 UGR<19 Philips driver	28	3200	114	160	3000	>80	50,000hrs
248935	8719157048682	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 Philips driver	28	3400	121	160	4000	>80	50,000hrs
248936	8719157048699	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 UGR<19 Philips driver	28	3400	121	160	4000	>80	50,000hrs

SPECIFICATION

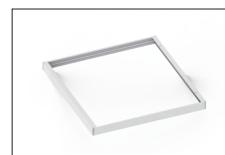
Item No.	EAN	Item Description	Power (W)	Lumen (LM)	Efficacy (lm/W)	Input Current(mA)	CCT (K)	CRI	Lifespan L80 at 25°C
249137	8719157049658	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 Noxion driver	28	3200	114	160	3000	>80	50,000hrs
249138	8719157049665	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 UGR<19 Noxion driver	28	3200	114	160	3000	>80	50,000hrs
249139	8719157049672	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 Noxion driver	28	3400	121	160	4000	>80	50,000hrs
249140	8719157049689	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 UGR<19 Noxion driver	28	3400	121	160	4000	>80	50,000hrs
249141	8719157049696	LED Panel Ecowhite V4.0 28W 3400lm 6500K 600X600 Noxion driver	28	3400	121	160	6500	>80	50,000hrs
249142	8719157049702	LED Panel Ecowhite V4.0 28W 3400lm 4000K 620X620 UGR<19 Noxion driver	28	3400	121	160	4000	>80	50,000hrs
249143	8719157049719	LED Panel Ecowhite V4.0 28W 3200lm 3000K 300X1200 UGR<19 Noxion driver	28	3200	114	160	3000	>80	50,000hrs
249144	8719157049726	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 Noxion driver	28	3400	121	160	4000	>80	50,000hrs
249145	8719157049733	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 UGR<19 Noxion driver	28	3400	121	160	4000	>80	50,000hrs

ACCESSORIES

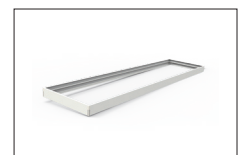
EAN	Item Description
8719157008594	Noxion LED Panel Suspension Kit
8719157008600	Noxion LED Panel Mounting Clips
8719157008617	Noxion LED Panel Security cable 1.5m
8719157012775	Noxion LED Panel Removable Surface Mounted Kit 600X600mm
8719157012782	Noxion LED Panel Removable Surface Mounted Kit 300X1200mm
8719157049979	Noxion LED Panel Removable Surface Mounted Kit 620X620mm



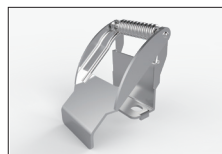
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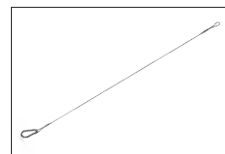
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8719157012782



8719157008600



8719157008617

TECHNICAL SPECIFICATIONS

Technical Specifications	
Dimmable	No
Beam angle (°)	120° (UGR<22) ; 90° (UGR<19)
IP	IP20
IK	IK02
Protection class	Class II
Integrated driver (Yes/No)	No
Glow wire test	650°
Electrical Supply	
Frequency (Hz)	50/60Hz
Voltage (V)	220-240V
AC/DC	AC
Power factor (PF)	0.9
Displacement factor (DF)	0.9

Mechanical Properties	
Housing material	AL+SPCC+PS
Color (Housing)	White
Optic	PS
Application	
Operating temperature	-10°C ~ +35°C
Storage temperature	-20°C ~ +65°C
Lifespan L80B50 at 25°C	50,000hrs
Certifications	
Fixture certifications	CE/RoHS/ENEC

SPECIFICATION DRIVER

LED Panel Ecowhite V4.0		
Inrush current I peak(A)	16A	input Voltage 230V
Inrush current I peak(μs)	200μs	input voltage 230V, measured at 50% I peak

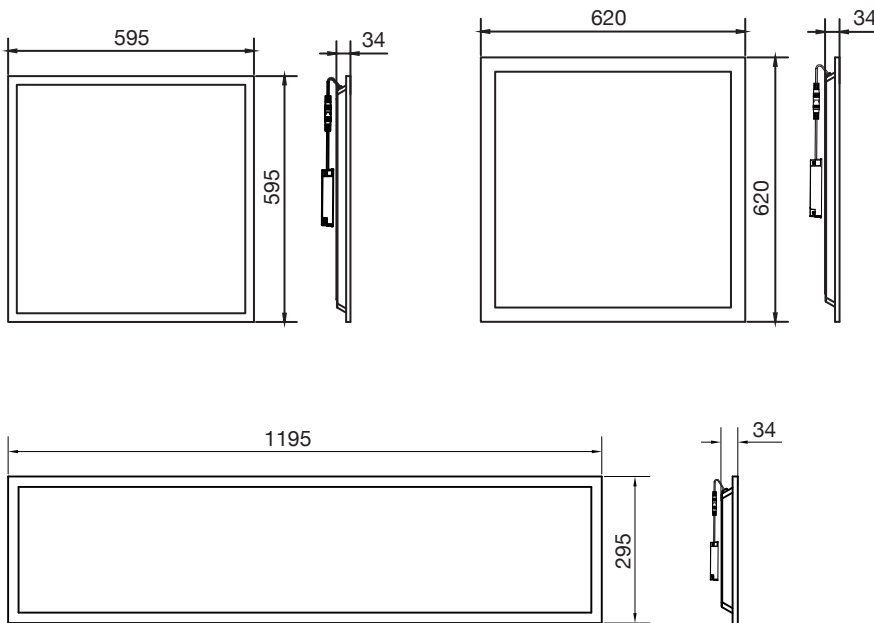
CIRCUIT BREAKER

Item	LED Panel Ecowhite V4.0
B16	36pcs
C16	61pcs

PACKAGING INFORMATION

Item No.	EAN	Item description	Box 1 Item		Masterbox		
			Dimensions (mm) (HxWxD)	Weight (kg)	Units per masterbox	Dimensions (mm) (HxWxD)	Weight (kg)
248928	8719157048613	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 Philips Driver	600*40*650	1.7	5	665*220*620	9.3
248929	8719157048620	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 UGR<19 Philips Driver	600*40*650	2.0	5	665*220*620	11
248930	8719157048637	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 Philips Driver	600*40*650	1.7	5	665*220*620	9.3
248931	8719157048644	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 UGR<19 Philips Driver	600*40*650	2.0	5	665*220*620	11
248932	8719157048651	LED Panel Ecowhite V4.0 28W 3400lm 6500K 600X600 Philips Driver	600*40*650	1.7	5	665*220*620	9.3
248933	8719157048668	LED Panel Ecowhite V4.0 28W 3400lm 4000K 620X620 UGR<19 Philips Driver	620*40*675	2.0	5	665*220*620	12.1
248934	8719157048675	LED Panel Ecowhite V4.0 28W 3200lm 3000K 300X1200 UGR<19 Philips Driver	300*40*1235	1.8	5	1250*220*320	10
248935	8719157048682	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 Philips Driver	300*40*1235	2.0	5	1250*220*320	11.4
248936	8719157048699	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 UGR<19 Philips Driver	300*40*1235	2.0	5	1250*220*320	14.9
249137	8719157049658	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 Noxion driver	600*40*650	1.7	5	665*220*620	9.3
249138	8719157049665	LED Panel Ecowhite V4.0 28W 3200lm 3000K 600X600 UGR<19 Noxion driver	600*40*650	2.0	5	665*220*620	11
249139	8719157049672	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 Noxion driver	600*40*650	1.7	5	665*220*620	9.3
249140	8719157049689	LED Panel Ecowhite V4.0 28W 3400lm 4000K 600X600 UGR<19 Noxion driver	600*40*650	2.0	5	665*220*620	11
249141	8719157049696	LED Panel Ecowhite V4.0 28W 3400lm 6500K 600X600 Noxion driver	600*40*650	1.7	5	665*220*620	9.3
249142	8719157049702	LED Panel Ecowhite V4.0 28W 3400lm 4000K 620X620 UGR<19 Noxion driver	620*40*675	2.0	5	665*220*620	12.1
249143	8719157049719	LED Panel Ecowhite V4.0 28W 3200lm 3000K 300X1200 UGR<19 Noxion driver	300*40*1235	2.0	5	1250*220*320	11.4
249144	8719157049726	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 Noxion driver	300*40*1235	1.8	5	1250*220*320	10
249145	8719157049733	LED Panel Ecowhite V4.0 28W 3400lm 4000K 300X1200 UGR<19 Noxion driver	300*40*1235	2.0	5	1250*220*320	14.9

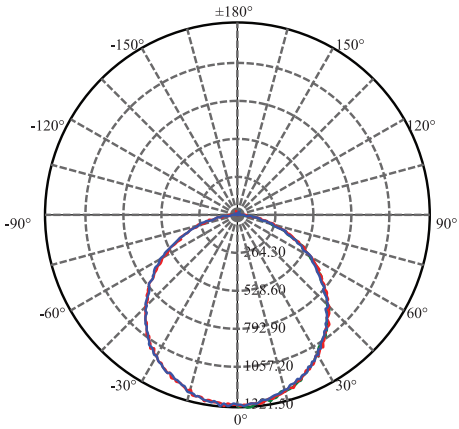
DIMENSIONAL DRAWINGS



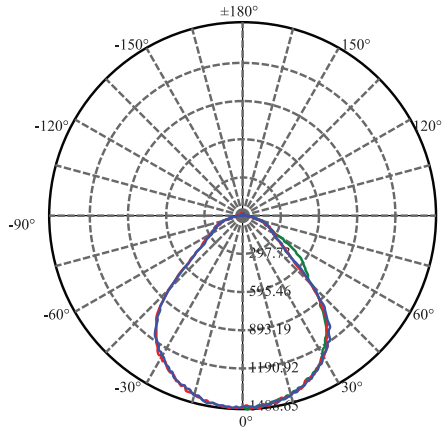
*Dimensions in mm

PHOTOMETRIC SPECIFICATIONS

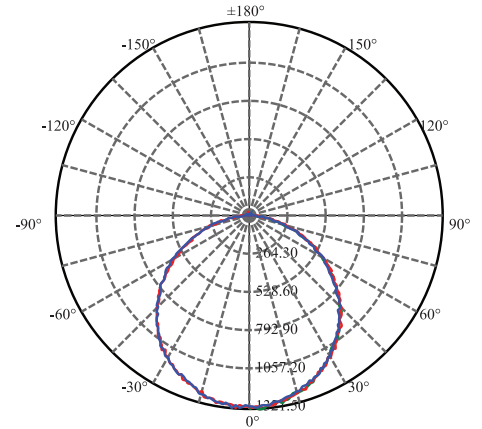
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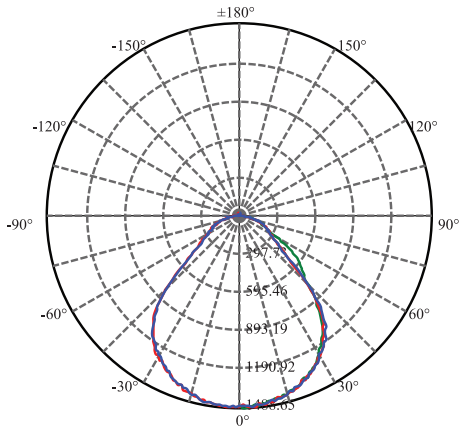
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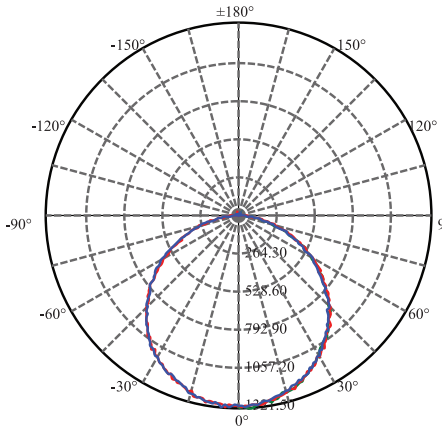
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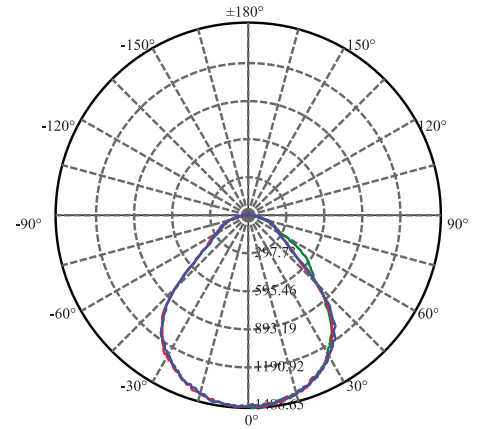
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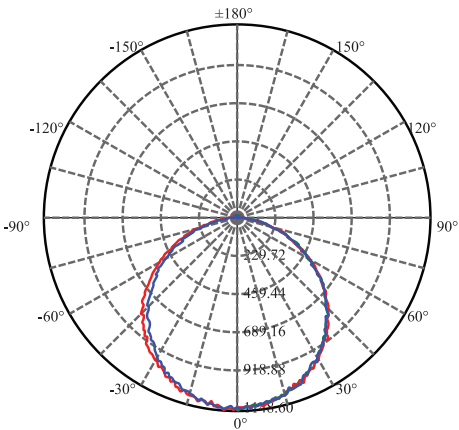
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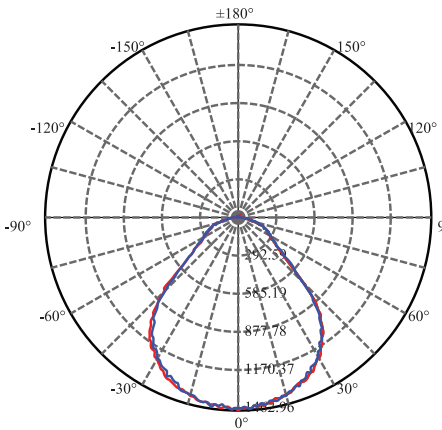
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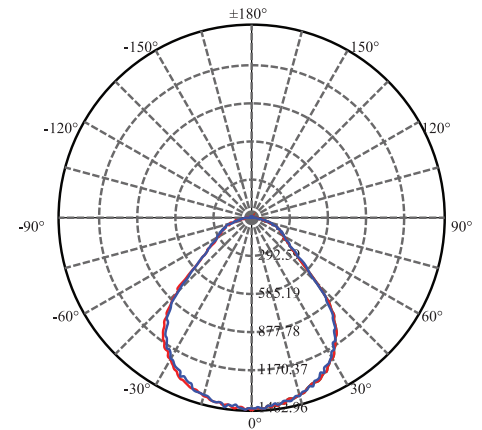
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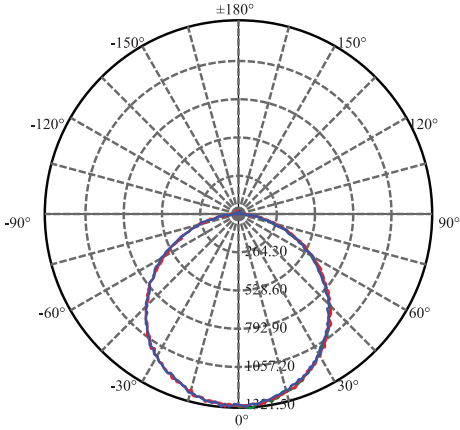


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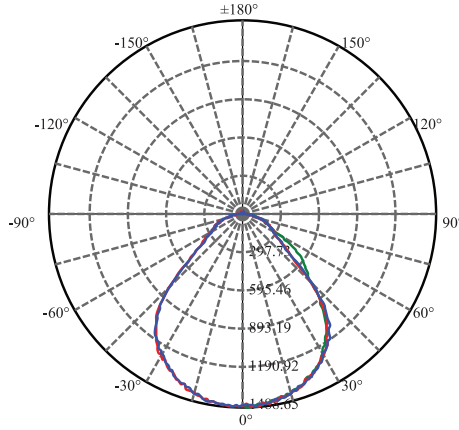


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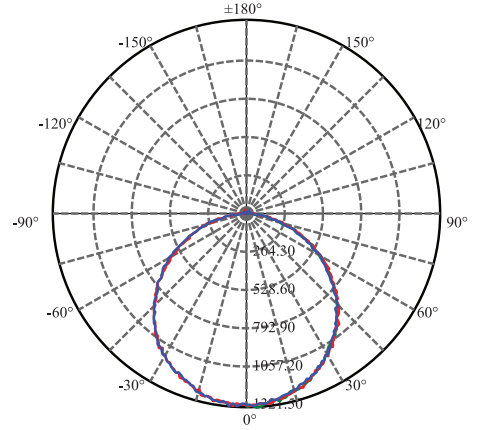
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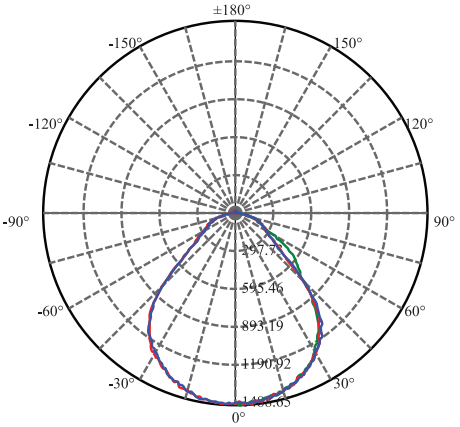
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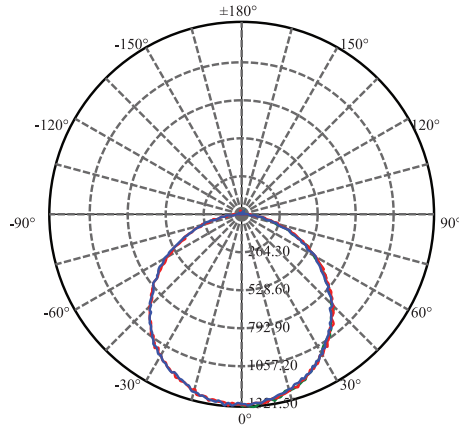
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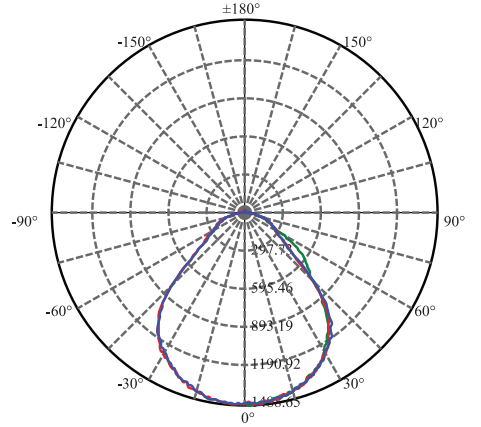
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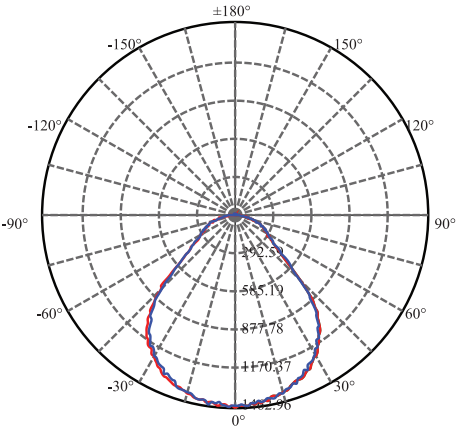
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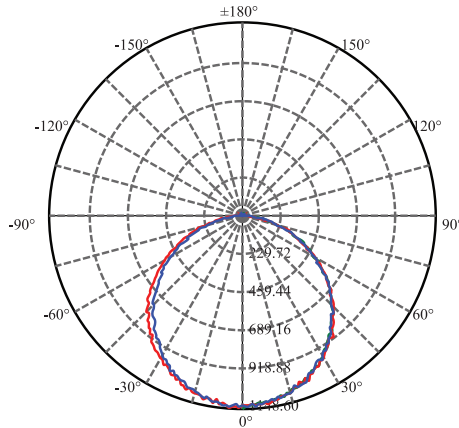
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