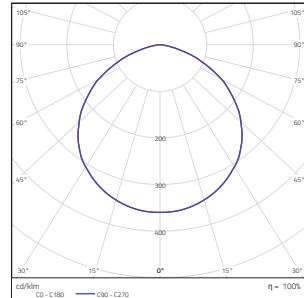


Specifications for models

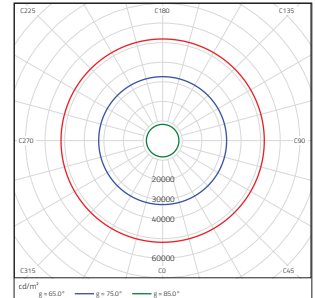
POLARIS High Output

Electrical	
Driver	Integrated high efficiency, no inrush current
Input voltage	230V AC, 175-275 V DC Emergency System
PF, THD	0,98, <10%
System power	HO: 225 Watt, HOH: 246 Watt
Luminous flux	HO: 31.500 Lumen, HOH: 39.500 Lumen
System efficiency	HO 142 lm/W, HOH 161 lm/W
Max. lights / B16	16 HO, 14 HOH / B16 breaker
Surge protection	6 kV for 10-50 μ s
Lighting	
Beam angle	Without Optics 113° With Optics 75°
Light distribution	Symmetric circled
Colour Temperature	5700 Kelvin or 4000 Kelvin
Colour rendering (CRI)	Ra >80
UGR	With optics 19-22 Without optics <25
Performance	
Dimming	DALI standard
Start up time	<0,5 sec
Energy efficiency label	A++
Protection Class	IP 67
Life rating (L_{70})	>100.000 hours
Life rating ($L_{80}B_{10}$)	>50.000 hours at 35°C
Ambient temperature	-30°C to +45°C indoor use derate: 50°C to 85°C
Construction	
Dimension	\varnothing 452 mm H 80 mm, (110 mm with mounting eye)
Body construction	Die cast aluminium, patented Thixotropic joining technology
Housing colour	Silver grey, powder coated
Weight	7.5 kg
Cover	Tempered Glass, IK07 or PMMA, IK08
Mounting	
Light	Mounting eye for one chain / hanger cable
Electrical connector	IP67 connector included (dust and water proof)
Documentation	
Warranty	10-year limited product warranty
Approvals	CE, ENEC, RoHS, D-Class
Files available	LM79, LM80, IES, LDT

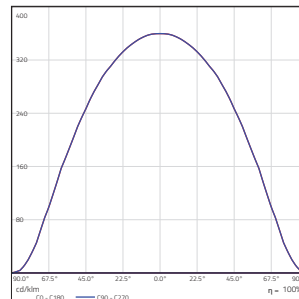
POLARIS HO/HOH 113



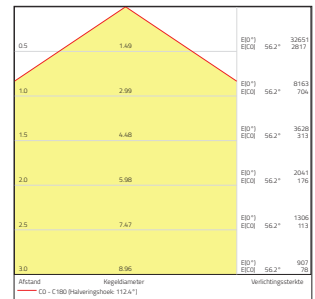
Luminous emittance 1 / Polar LDC



Luminous emittance 1 / Luminance diagram

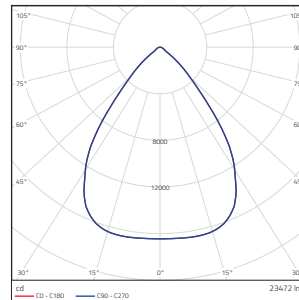


Luminous emittance 1 / Linear LDC

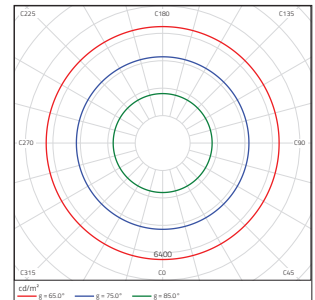


Luminous emittance 1 / Cone diagram

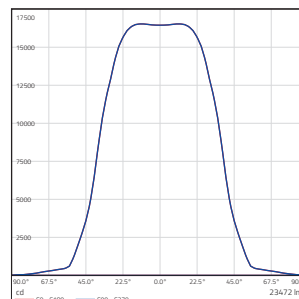
POLARIS HO/HOH 75



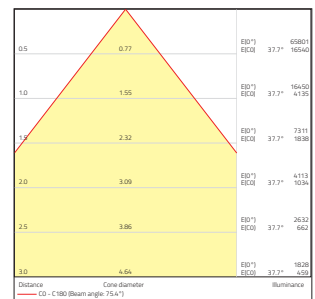
Luminous emittance 1 / Polar LDC



Luminous emittance 1 / Luminance diagram



Luminous emittance 1 / Linear LDC



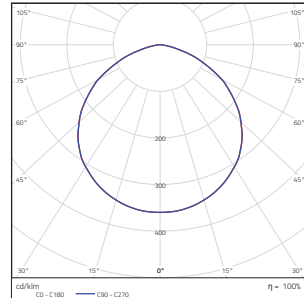
Luminous emittance 1 / Cone diagram

Specifications for models

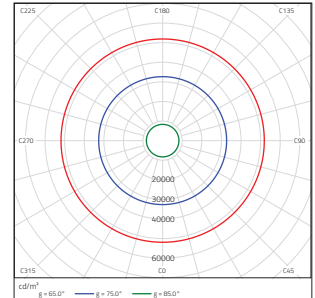
POLARIS High Temperature

Electrical	
Driver	Integrated high efficiency, no inrush current
Input voltage	230V AC, 175-275 V DC Emergency System
PF, THD	0,98, <10%
System power	101, 140, 189 or 220 W
Luminous flux	18.200, 24.000, 32.000 or 36.000 Lumen
System efficiency	180, 171, 169 or 164 lm/W
Max. lights / B16	36, 26, 19 or 16 / B16 breaker
Surge protection	6 kV for 10-50 μ s
Lighting	
Beam angle	Without Optics 113° With Optics 75°
Light distribution	Symmetric circled
Colour Temperature	5700 Kelvin or 4000 Kelvin
Colour rendering (CRI)	Ra >80
UGR	With optics 19-22 Without optics <25
Performance	
Dimming	DALI standard
Start up time	<0,5 sec
Energy efficiency label	A++
Protection Class	IP 67
Life rating (L_{70})	>100.000 hours
Life rating ($L_{80}B_{10}$)	>50.000 hours at 35°C
Ambient temperature	Min: -30°C indoor use Max: +80°C, +70°C, +60°C or +50°C indoor use
Construction	
Dimension	\varnothing 452 mm H 80 mm, (110 mm with mounting eye)
Body construction	Die cast aluminium, patented Thixotropic joining technology
Housing colour	Silver grey, powder coated
Weight	HB: 7,5 kg
Cover	Tempered Glass, IK07 or PMMA, IK08
Mounting	
Light	Mounting eye for one chain / hanger cable
Electrical connector	IP67 connector included (dust and water proof)
Documentation	
Warranty	10-year limited product warranty
Approvals	CE, ENEC, RoHS, D-Class
Files available	LM79, LM80, IES, LDT

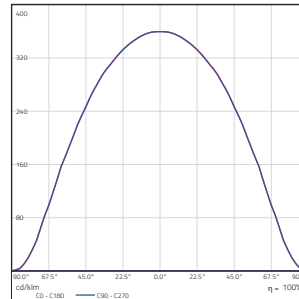
POLARIS HT 113



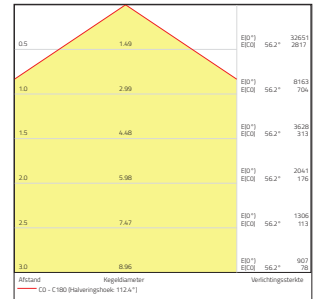
Luminous emittance 1 / Polar LDC



Luminous emittance 1 / Luminance diagram

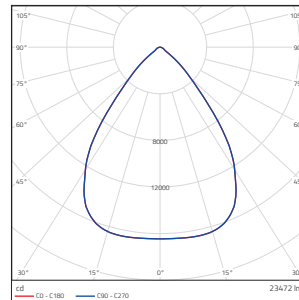


Luminous emittance 1 / Linear LDC

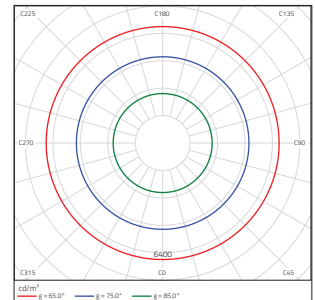


Luminous emittance 1 / Cone diagram

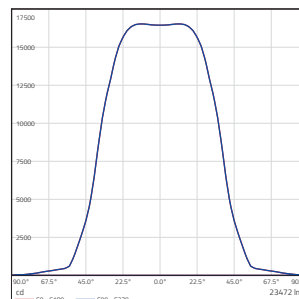
POLARIS HT 75



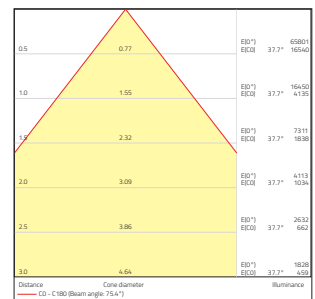
Luminous emittance 1 / Polar LDC



Luminous emittance 1 / Luminance diagram



Luminous emittance 1 / Linear LDC



Luminous emittance 1 / Cone diagram