

## Description

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**Capture the personality of a structure by highlighting its defining details.**

Achieve your vision—from highlighting surface textures and molding details to archways and windows—with our portfolio of HEP luminaires. They deliver remarkably short setbacks, breakthrough optics, and extremely consistent output all with the rugged reliability you've come to expect from HEP.

Hermes Pro offers the widest range of light output, light color options, and beam angles. It's the perfect choice for your project.

Hermes Pro is a compacted exterior linear grazing luminaire on the market. Its streamlined design lets it blend seamlessly into the background. So you see the light, not the lighting.

# Specification Sheet

# Hermes Pro

HEP

Professional Range White

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## Features

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<b>LED Chips</b>	Nichia E21 3-step
<b>Color Temperature</b>	2700K/3000K/3500K/4000K
<b>Optics</b>	10° /13° /20°/ 40° /18° X40° /14° tile 2°

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<b>Spread Optical lens Options</b>	N/A
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<b>Options</b>	Anti glare louver assymetric
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<b>Power Consumption</b>	35W 600mm
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70W 1200mm

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<b>Warranty</b>	5-years limited warranty
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<b>Lumen Maintainance</b>	L70, B30 100,000 hrs
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L90, B10 60,000 hrs

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## Machanical

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<b>Housing</b>	Low copper content 6063 high density pure extruded aluminium
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<b>Cover</b>	Clear tempered glass
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<b>Coating</b>	Anodising dark grey or Salt Spread Powder Coatin
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<b>Weight</b>	1.8Kg 600mm
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3.2Kg 1200mm

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## Effective Projection Area

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<b>Operation Temperature</b>	-40°C ~ +50°C
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<b>Casing Temperature</b>	+75°C
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<b>IP Rating</b>	IP66
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<b>IK Rating</b>	IK06
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## Electrical

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<b>Input Voltage</b>	220Vac
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<b>Feed-in Cable</b>	3x0.75mm pin power outdoor cable
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<b>In-rushed Current ( PEAK)</b>	70A
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<b>Surge Voltage Potection</b>	L-N	1.0KV
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L/N-PE 1.5KV

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Output 3.0KV

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Optional SPD 6.0KV

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<b>Control</b>	on/off, Dali, DMX optional
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## Accessories ( Order Separately)

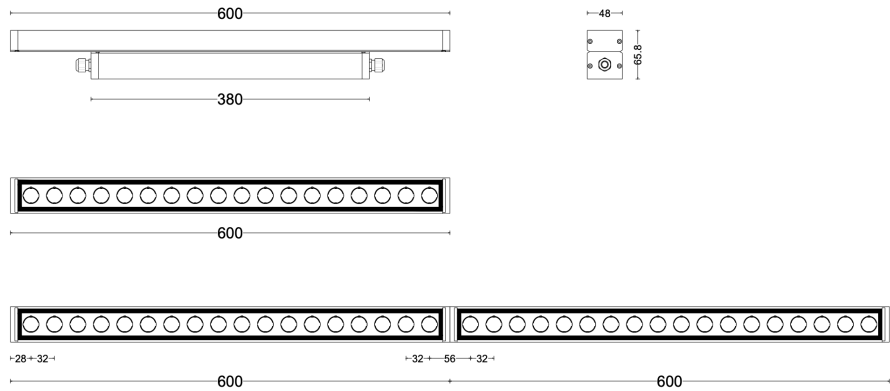
Optical Spread Lens                      N/A

Date Interface for Dimming            N/A

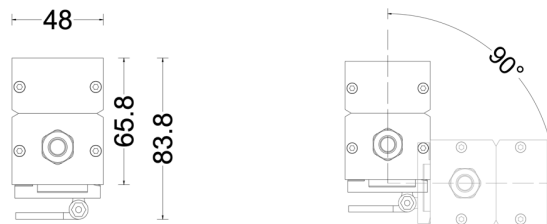
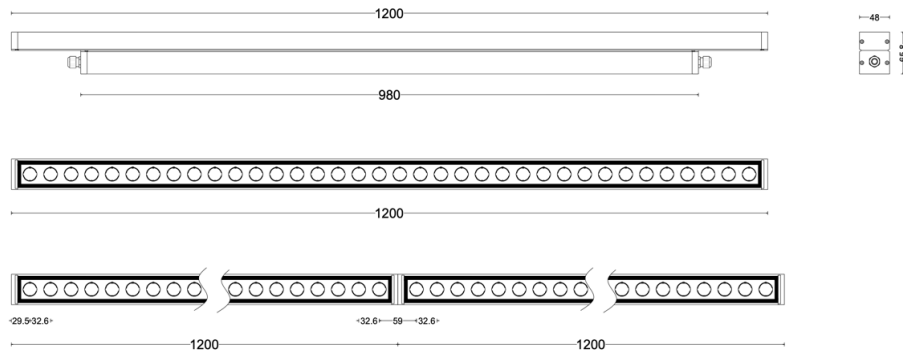
<b>Mounting Bracket</b>	Adjustable flip mounting bracket	AFB
	Extension Bracket	EMB
<b>Glare Louver</b>	Anti-glare assymetrical louver	AAL
	Anti-glare Symetrical louver	ASL
	Internal Louver	AIL

## Dimension

### 600mm Length



### 1200mm Length



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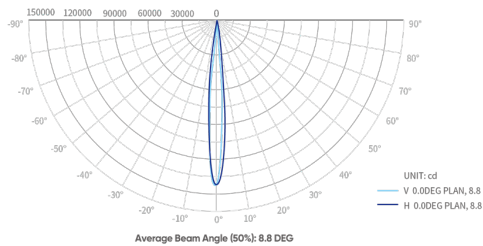
## Model No.

Length	Power	Product Code	Beam Angle	CT/CRI	Power / Vin
600mm	35W	11102.1830.08	8°	3000K. Ra80	220Vac
		11102.1830.13	13°		
		11102.1830.20	20°		
		11102.1830.40	40°		
		11102.1830.A1	18° x 40°		
		11102.1830.FW	14° tile 2°		
1200mm	70W	11102.2830.08	8°	3000K. Ra80	220Vac
		11102.2830.13	13°		
		11102.2830.20	20°		
		11102.2830.40	40°		
		11102.2830.A1	18° x 40°		
		11102.2830.FW	14° tile 2°		

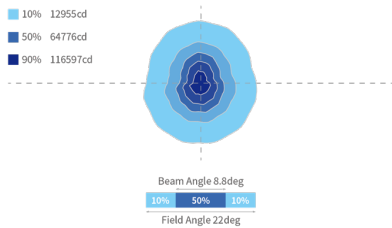
## Photometric Data

HEP 1200mm 70W, Power by Nichia E21 3000K, CRI80

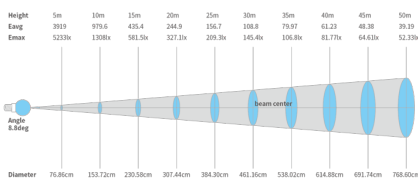
8 deg



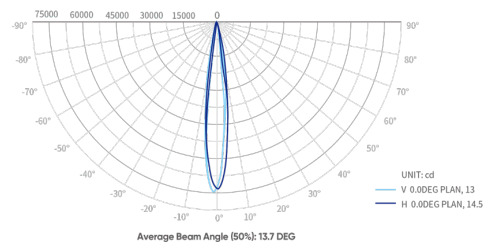
- 10% 12955cd
- 50% 64776cd
- 90% 116597cd



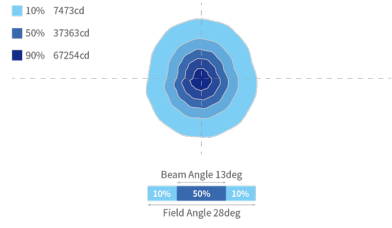
Flux out: 1906lm



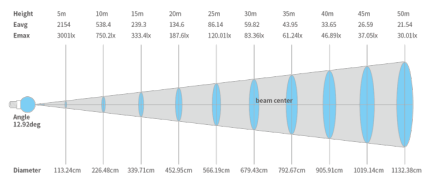
13 deg



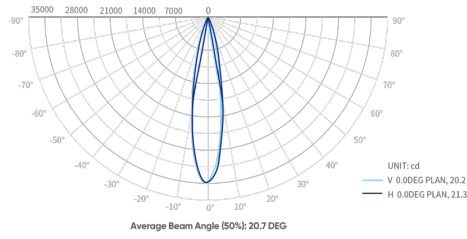
- 10% 7473cd
- 50% 37363cd
- 90% 67254cd



Flux out: 2196lm



### 20 deg



- 10% 3492cd
- 50% 17460cd
- 90% 31428cd



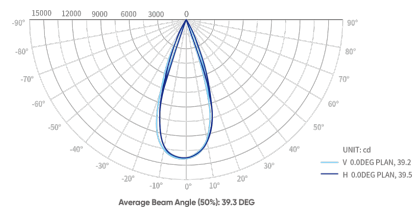
Beam Angle 20deg  
 10% 50% 10%  
 Field Angle 40deg

Flux out: 2598lm

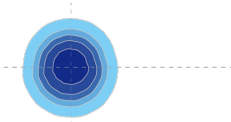
Height	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m
Eng	192.2	243.7	297.9	353.8	411.5	470.9	532.0	594.7	659.1	725.1
Emax	1399lx	349.7lx	155.4lx	87.42lx	55.99lx	38.86lx	28.55lx	21.86lx	17.27lx	13.99lx

Diameter: 177.97cm, 355.94cm, 533.91cm, 711.88cm, 889.85cm, 1067.82cm, 1245.79cm, 1423.77cm, 1601.74cm, 1779.71cm

### 40 deg



- 10% 1424cd
- 50% 7118cd
- 90% 12813cd



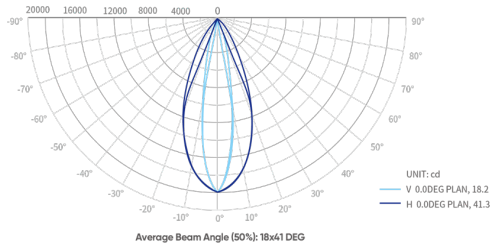
Beam Angle 39deg  
 10% 50% 10%  
 Field Angle 60deg

Flux out: 4163lm

Height	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m
Eng	400.1	300.0	244.6	201.0	167.0	138.1	113.1	93.5	78.9	67.0
Emax	568.8lx	142.2lx	63.2lx	35.5lx	23.7lx	15.8lx	11.5lx	8.6lx	6.7lx	5.6lx

Diameter: 177.97cm, 355.94cm, 533.91cm, 711.88cm, 889.85cm, 1067.82cm, 1245.79cm, 1423.77cm, 1601.74cm, 1779.71cm

### 18deg x 40deg



- 10% 1986cd
- 50% 9932cd
- 90% 17877cd



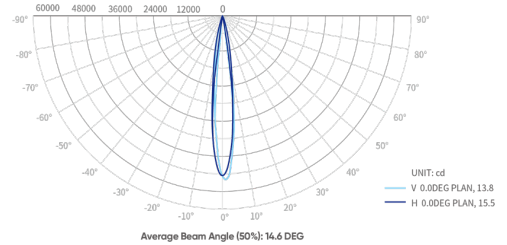
Beam Angle 18x41deg  
 10% 50% 10%  
 Field Angle 38x90deg

Flux out: 1353lm

Height	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m
Eng	413.2	153.8	68.36	38.45	24.61	17.09	12.56	9.613	7.595	6.132
Emax	794.4lx	198.6lx	88.27lx	49.05lx	31.78lx	22.07lx	15.21lx	12.41lx	9.908lx	7.944lx

Diameter: 159.75cm, 319.49cm, 479.24cm, 638.98cm, 798.73cm, 958.48cm, 1118.22cm, 1277.97cm, 1437.72cm, 1597.46cm

### 14deg tile 2deg



- 10% 5580cd
- 50% 27898cd
- 90% 50217cd



Beam Angle 14deg tile 2  
 10% 50% 10%  
 Field Angle 22deg tile 2

Flux out: 1877lm

Height	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m
Eng	1395	396.2	176.1	99.06	63.46	44.63	32.25	24.77	19.57	15.83
Emax	2234lx	558.5lx	246.2lx	139.8lx	89.37lx	62.06lx	45.60lx	34.53lx	27.58lx	22.34lx

Diameter: 126.67cm, 241.34cm, 362.03cm, 482.68cm, 603.35cm, 724.02cm, 844.69cm, 965.37cm, 1086.04cm, 1206.71cm

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## Photometric Summary

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Power	Beaming Angle @ 50% FWHM	Total Flux (lm)	Peak Intensity (cd)	lm/W	cd/lm
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### HEP 1200mm 70W, Power by Nichia E21 3000K, CRI80

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70W	8°	6849	129552	98	18.9
	13°	6649	74727	95	11.2
	20°	6720	34920	95	5.2
	40°	6466	14236	90	2.2
	18° x 40°	6016	19863	85	3.3
	14° tile 2°	6680	55796	94	8.4

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