

HYPRO-F 90 PORTABLE

A340000-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 90
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1170
 Length (in): 46 1/16
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Light Distribution: Direct
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: [ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 30
 Total Output Wattage (W): 27.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500mA

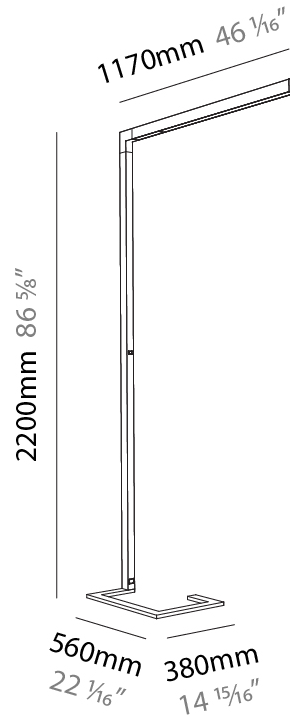
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2210 / 2251
 Nominal Lumen (lm): 3240 / 3300
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340000-

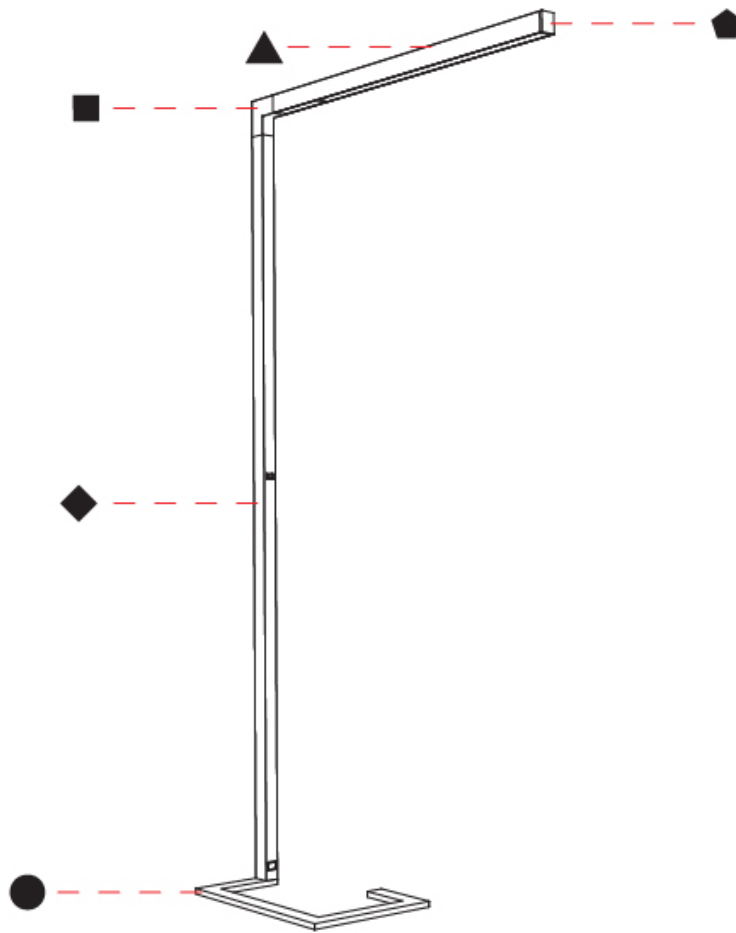
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



HYPRO-F 90 PORTABLE

A340001-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

PROJECT
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 90
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1170
 Length (in): 46 1/16
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Light Distribution: Direct / Indirect
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 59
 Total Output Wattage (W): 53.7
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

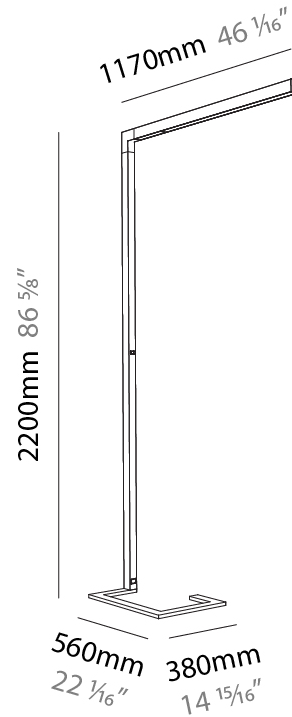
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 5018 - 5105
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340001-

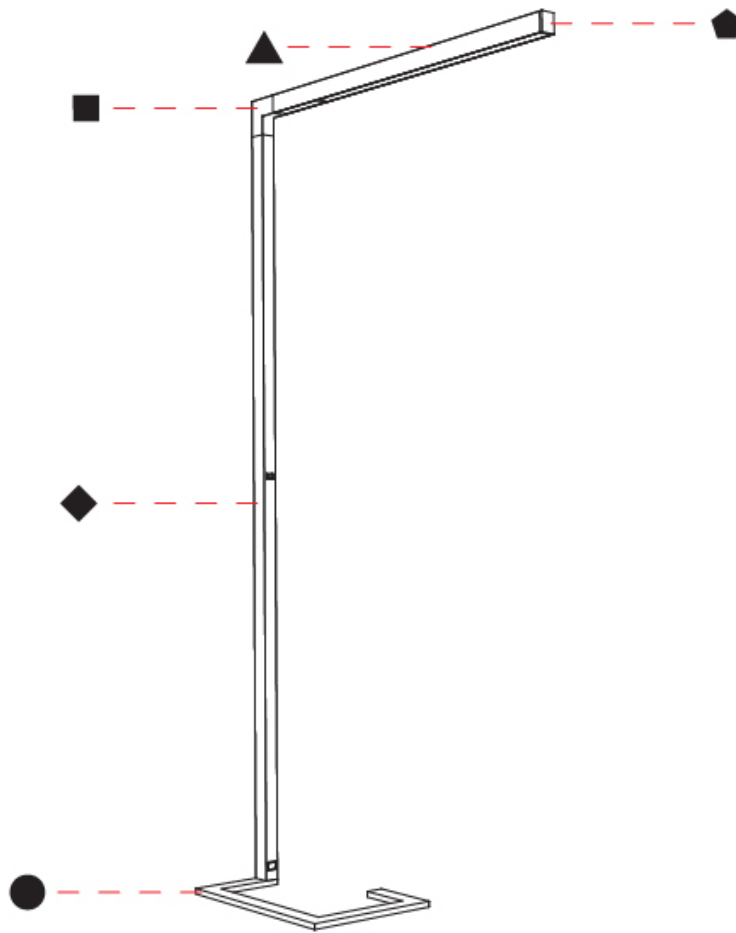
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

HYPRO-F 90 PORTABLE

A340002-

base number	Color	Finishes	Finishes	Finishes	Finishes	Finishes	Diffuser
	Temperature						

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 90
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1310
 Length (in): 51 ⁹/₁₆"
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆"
 Height (mm): 2200
 Height (in): 86 ⁵/₈"
 Light Distribution: Direct
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 67
 Total Output Wattage (W): 60.9
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

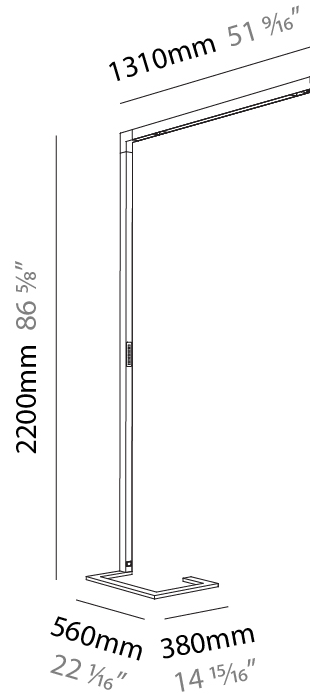
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 4068 / 4275
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340002-

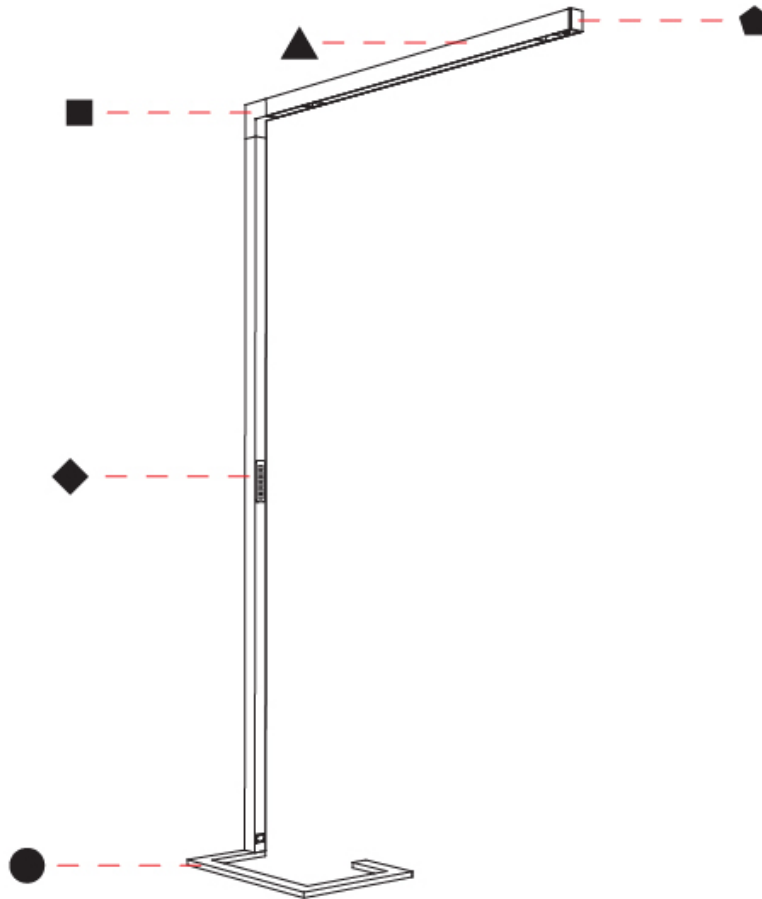
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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HYPRO-F 90 PORTABLE

A340003-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 90
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1310
 Length (in): 51 ⁹/₁₆"
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆"
 Height (mm): 2200
 Height (in): 86 ⁵/₈"
 Light Distribution: Direct / Indirect
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

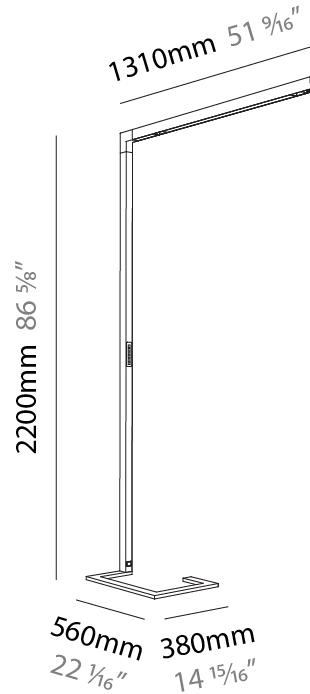
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 6861-7119
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340003-

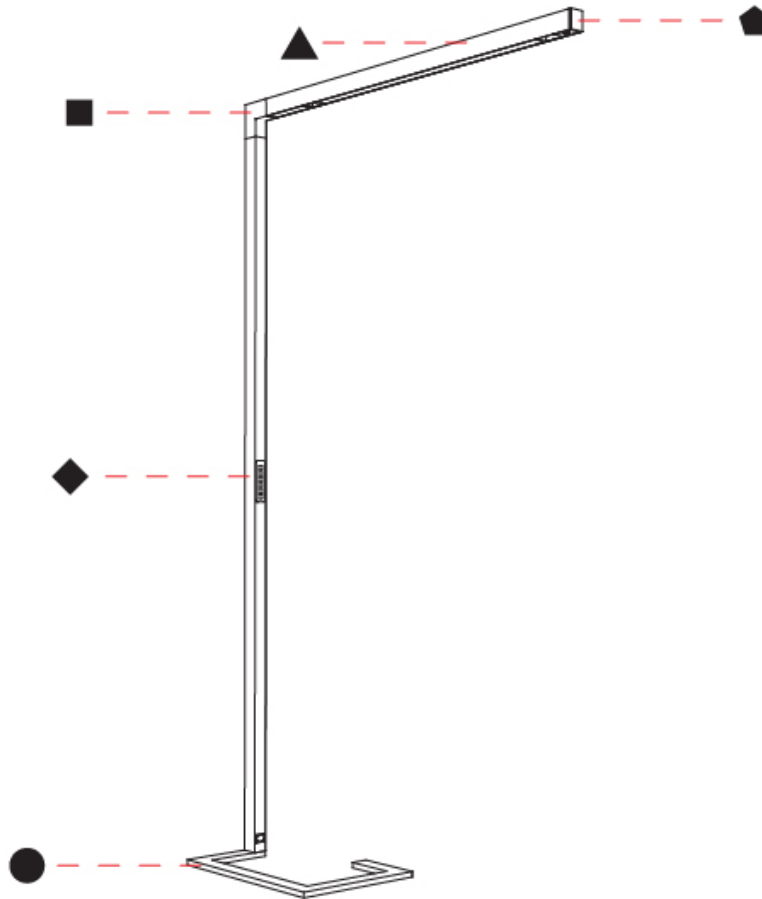
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



HYPRO-F 90 PORTABLE

A340004-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

- To build a product code in our configurator select the specify button on the base model # product page
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GENERAL

Series: Hypro
 Subseries: Hypro-F 90
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1310
 Length (in): 51 ⁹/₁₆"
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆"
 Height (mm): 2200
 Height (in): 86 ⁵/₈"
 Light Distribution: Direct / Indirect
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

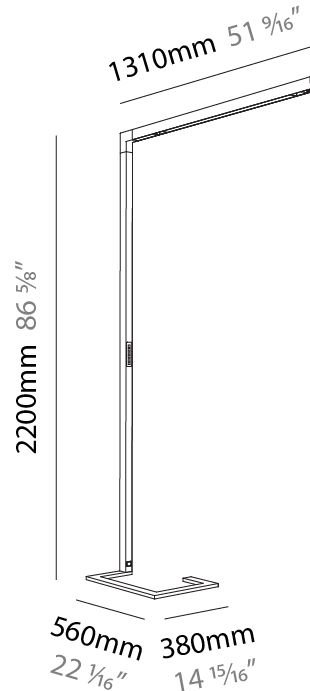
LED

Color Temperature (°K): 3000 / 4000 / TW
 Max. Delivered Lumen (lm): 4068-7001
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340004-

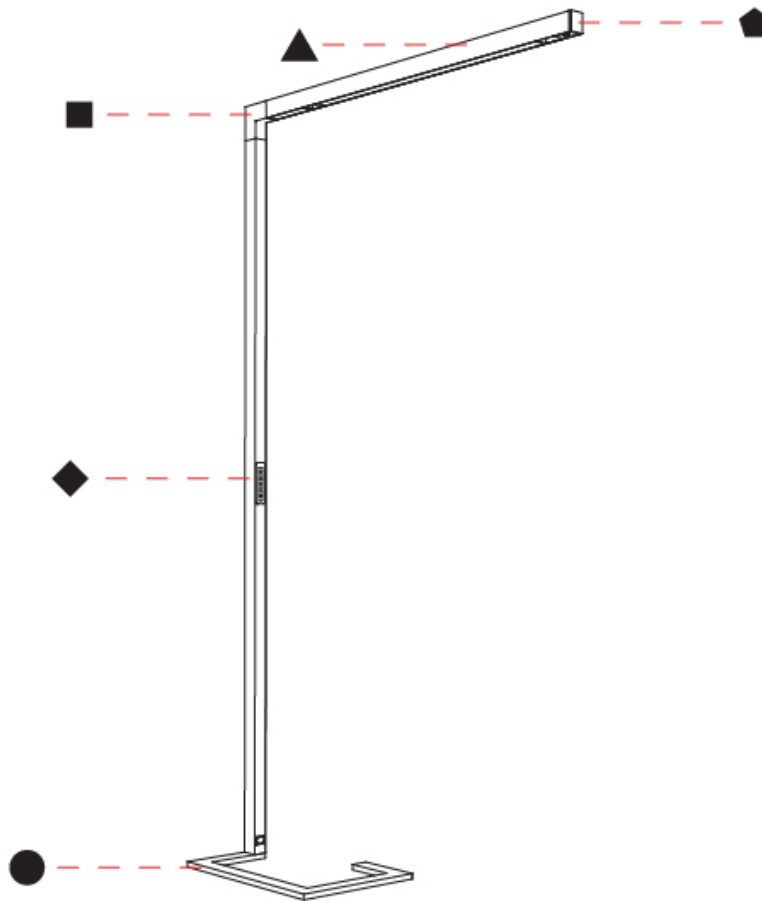
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

HYPRO-F 160 PORTABLE

A340005-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 160
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1610
 Length (in): 63 ³/₈
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆
 Height (mm): 2200
 Height (in): 86 ⁵/₈
 Light Distribution: Direct
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: [ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 30
 Total Output Wattage (W): 27.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500mA

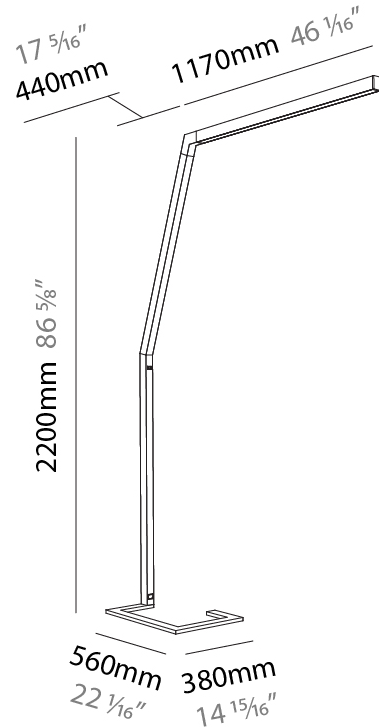
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2210 / 2251
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340005-

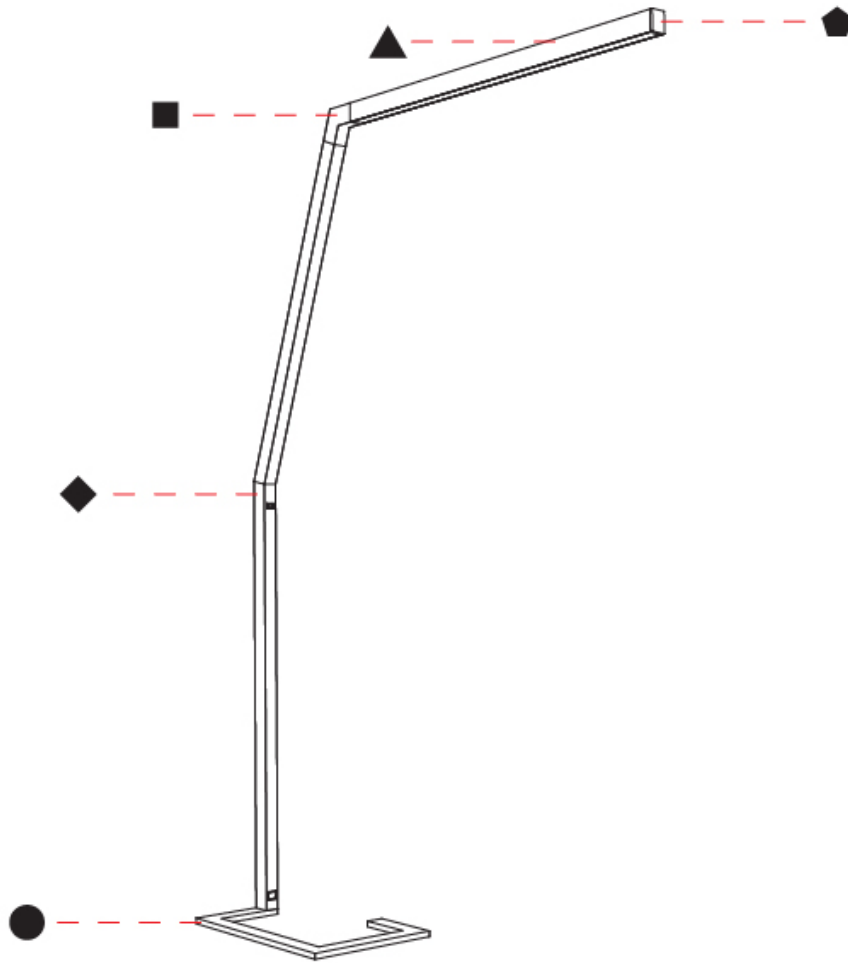
PROJECT

TYPE

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QUANTITY

DATE



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PROJECT
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DATE

HYPRO-F 160 PORTABLE

A340006-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 160
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1610
 Length (in): 63 ³/₈
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆
 Height (mm): 2200
 Height (in): 86 ⁵/₈
 Light Distribution: Direct / Indirect
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 59
 Total Output Wattage (W): 53.7
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

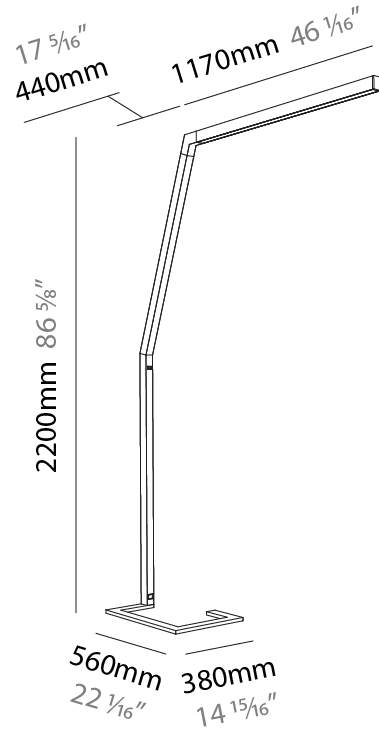
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 5018 - 5105
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340006-

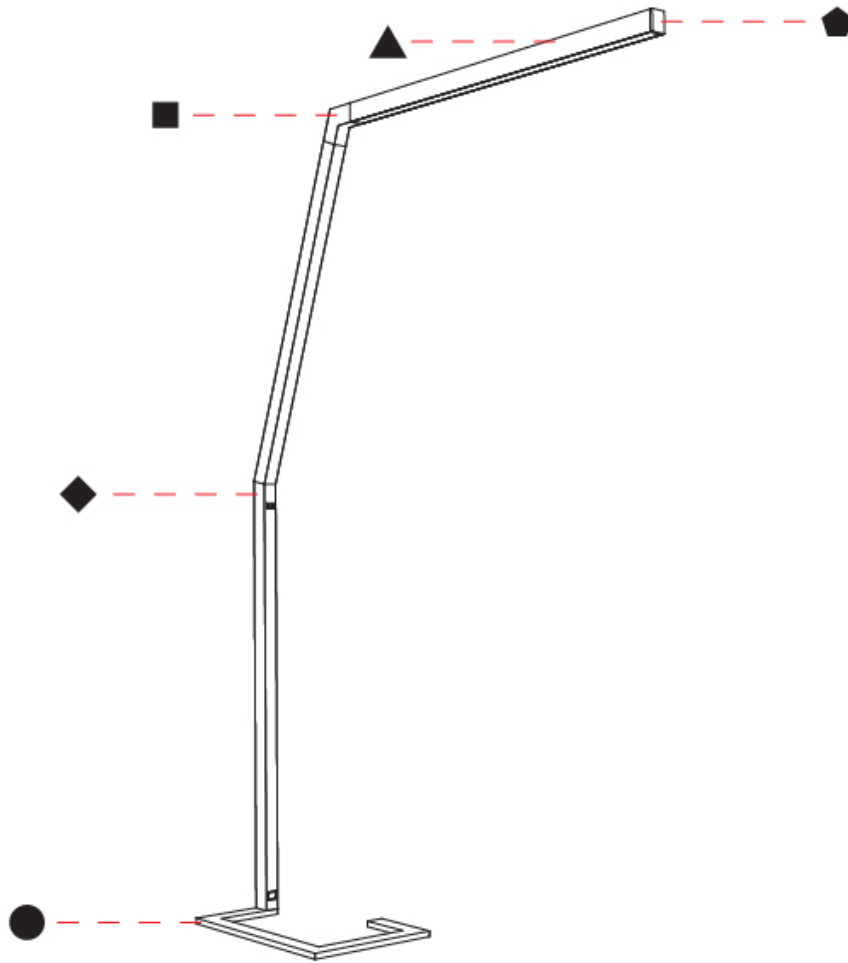
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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HYPRO-F 160 PORTABLE

A340007-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 160
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1750
 Length (in): 68 ⁷/₈
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆
 Height (mm): 2200
 Height (in): 86 ⁵/₈
 Light Distribution: Direct
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 67
 Total Output Wattage (W): 60.9
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

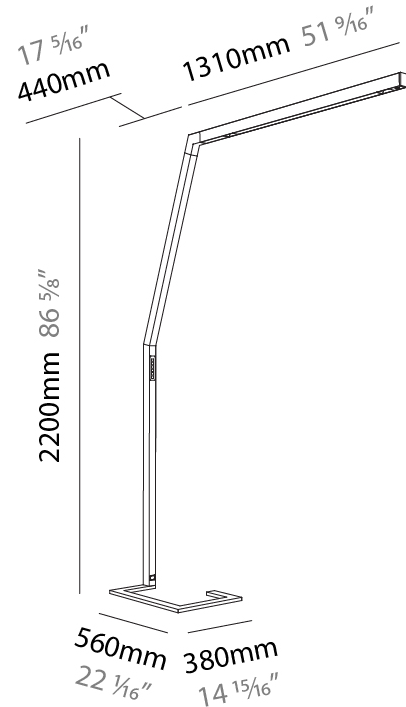
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 4068 / 4275
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340007-

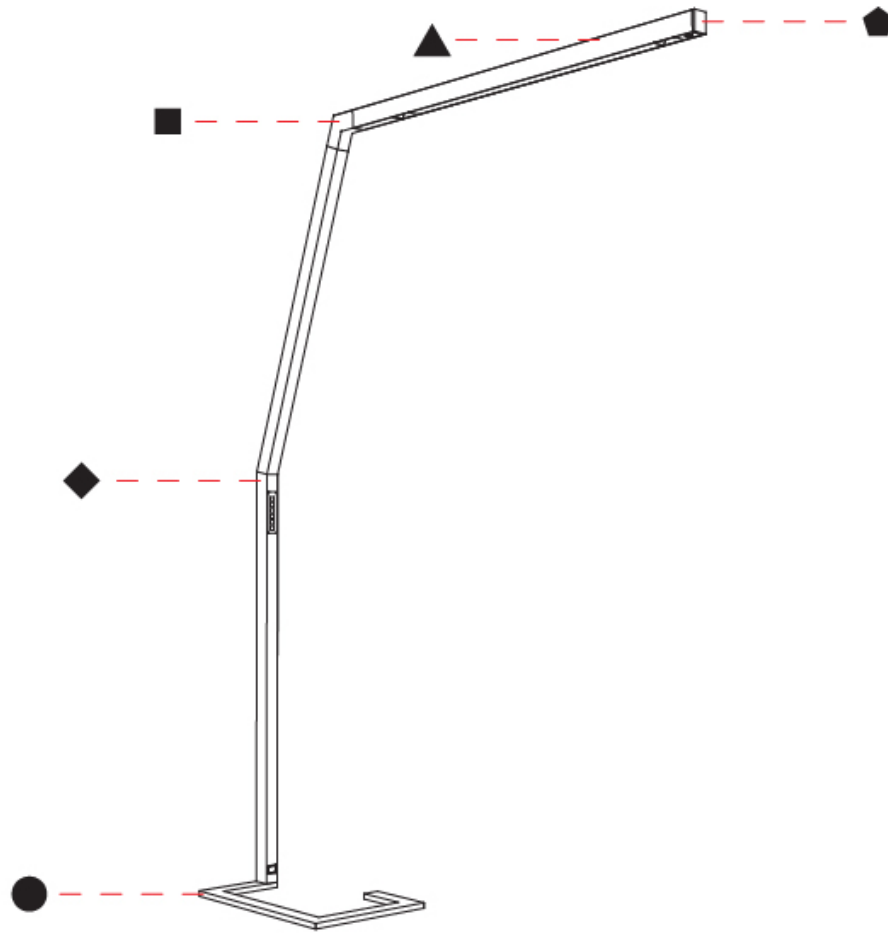
PROJECT

TYPE

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QUANTITY

DATE



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PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

HYPRO-F 160 PORTABLE

A340007- : A340007- : L340007-30K-01-01-01-01-02

base number

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 160
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1750
 Length (in): 68 7/8
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Light Distribution: Direct
 Diffuser: PMMA - Micro-prism
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 67
 Total Output Wattage (W): 60.9
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

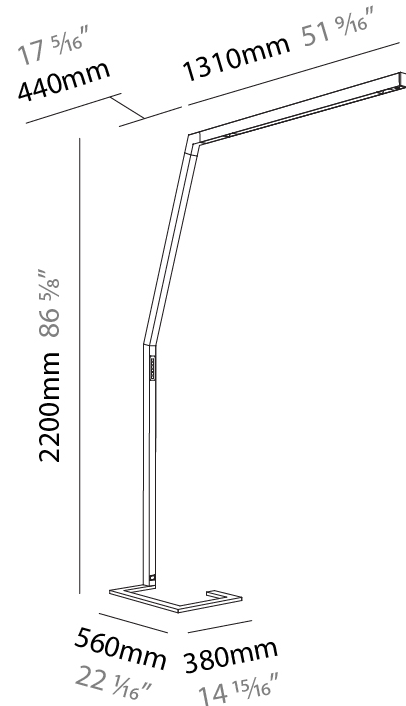
LED

Color Temperature (°K): 3000
 Max. Delivered Lumen (lm): 4068
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340007- : A340007- : L340007-30K-01-01-01-01-02

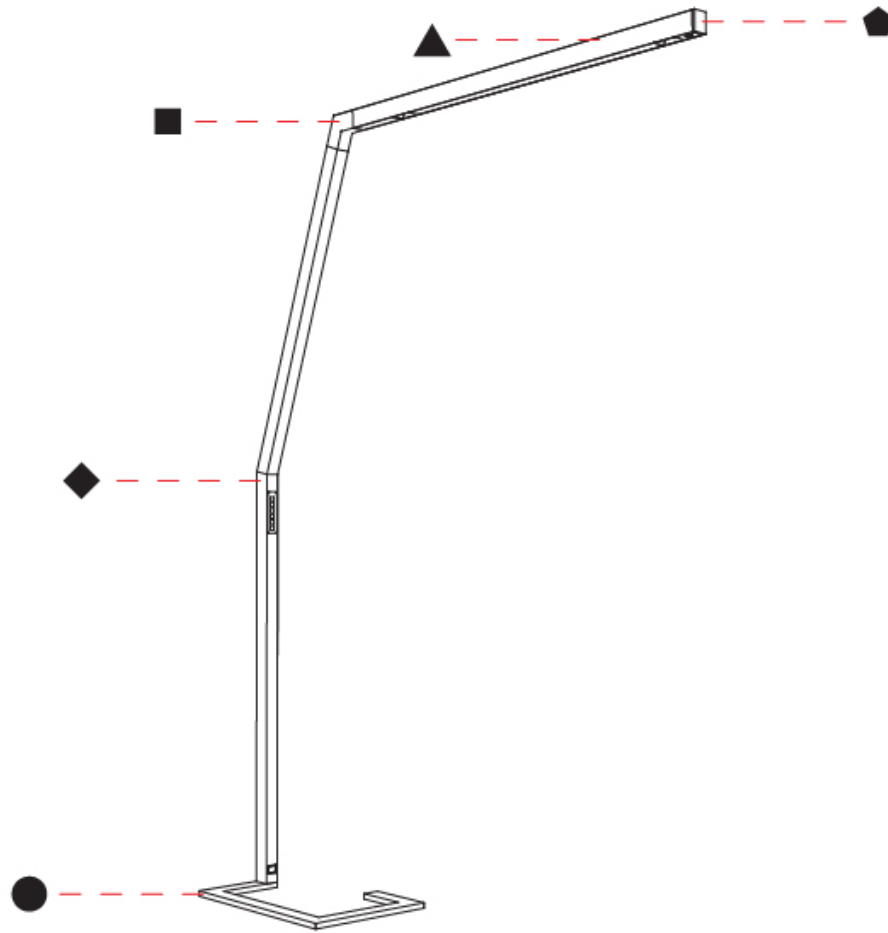
PROJECT

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QUANTITY

DATE



PROJECT
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QUANTITY
DATE

HYPRO-F 160 PORTABLE

A340008-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

Temperature

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- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 160
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1750
 Length (in): 68 7/8
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Light Distribution: Direct / Indirect
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

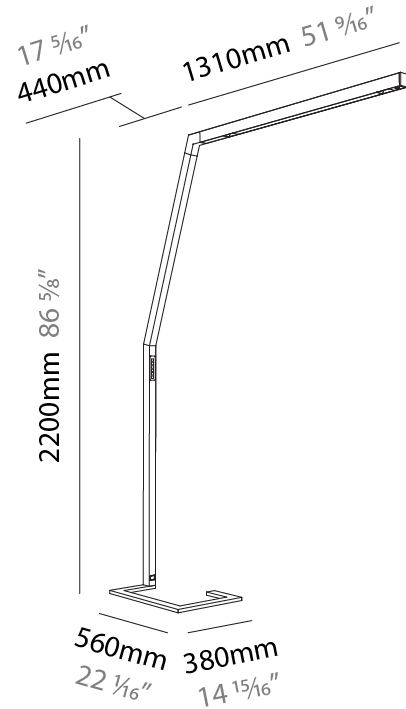
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 6861-7119
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340008-

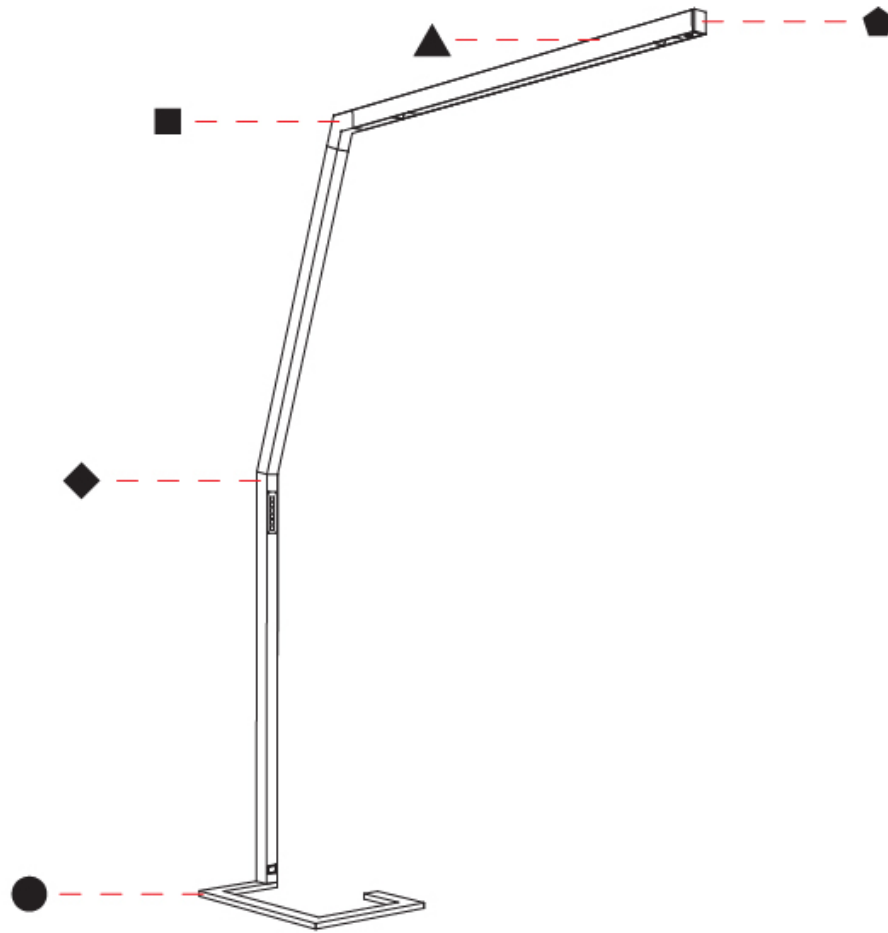
PROJECT

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DATE

HYPRO-F 160 PORTABLE

A340009-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser
 Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro
 Subseries: Hypro-F 160
 Brand: Prolicht
 Division: Architectural
 Mounting Type: Portable
 Mounting Location: Floor
 Subcategory: Floor

PHYSICAL

Shape: Abstract
 Length (mm): 1750
 Length (in): 68 7/8
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Light Distribution: Direct / Indirect
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

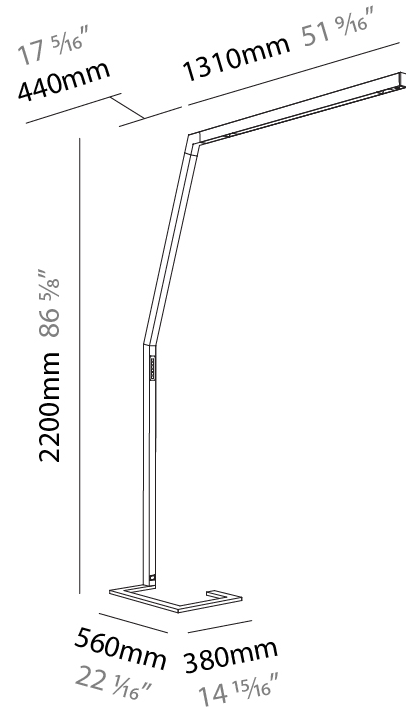
LED

Color Temperature (°K): 3000 / 4000 / TW
 Max. Delivered Lumen (lm): 4068-7001
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340009-

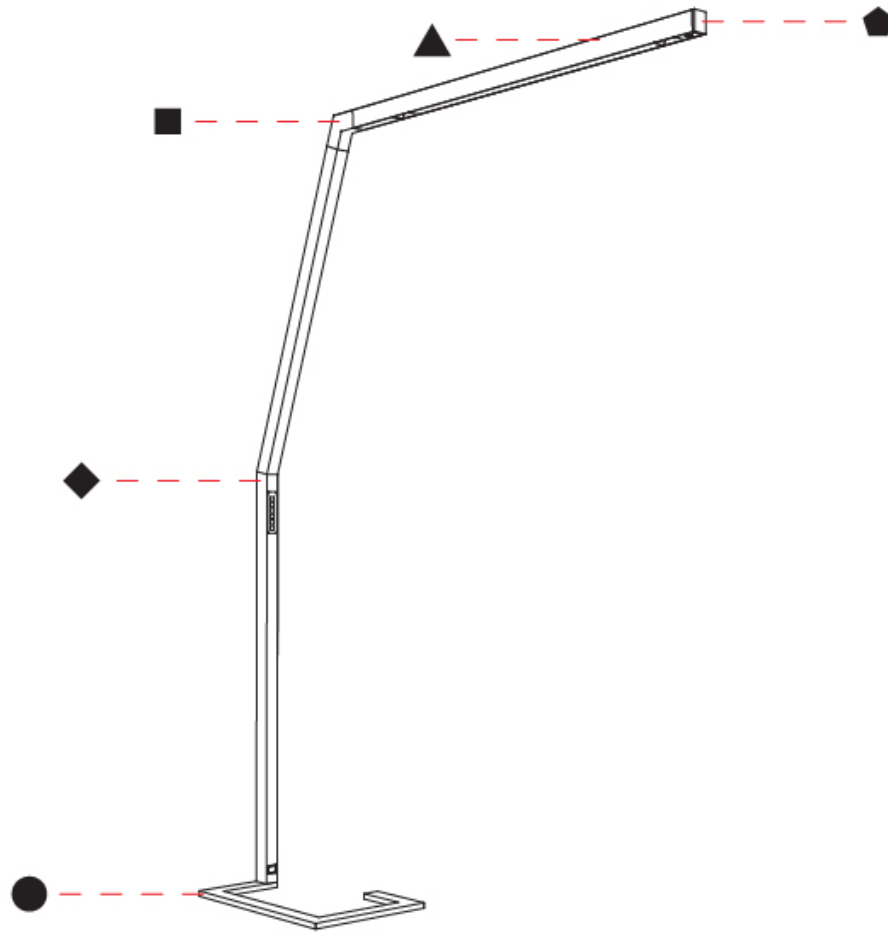
PROJECT

TYPE

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QUANTITY

DATE

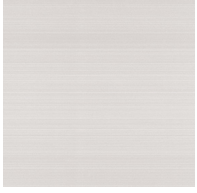


HYPRO COLOR FINISH CHART

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

Fixture Finish

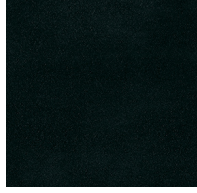
Aluminum Natural Anodized - 00 (ANA)



Sparkling Silver - 01 (SSR)



Black Velvet - 02 (BKV)



Crystal White - 03 (CWI)



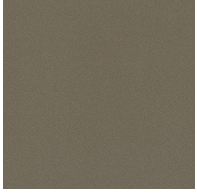
Creamy - 04 (CRY)



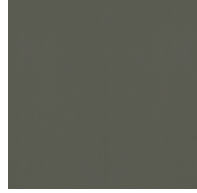
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



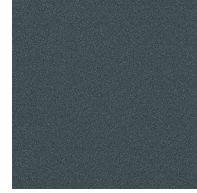
Rusty Angel - 09 (RUA)



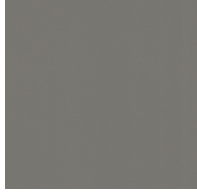
Fade to Gray - 12 (FTG)



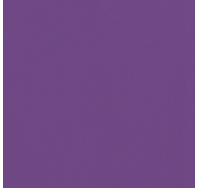
Mysterious Gray - 13 (MYG)



Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



Fresh Oh - 17 (FRO)



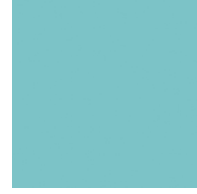
Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



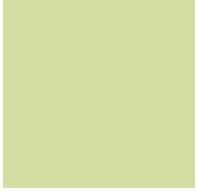
Poseidon's Paradise - 20 (POP)



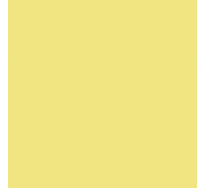
Blue Sky - 21 (BLS)



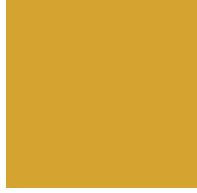
Spring Green - 22 (SPG)



Mellow Yellow - 23 (MEY)



Golden Heart - 24 (GOH)



Gun Metal - 25 (GUM)



Champagne Cream - 26 (CHC)



Copper Mine - 27 (COM)



Ancient Bronze - 28 (ABZ)



Jazz Gold - 29 (JAG)



Olive Breeze - 30 (OBR)



Moonlight Silver - 31 (MOS)



Rosewood Red - 32 (ROR)



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical.

Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.



LEGEND

	floor-mounted		pivotable		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimnable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/control gear		color of 3-circuit adaptor		protection class II, protection insulation
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

IP RATING

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)